Modifications Document to REA # 8284-9ZGNBN

Windsor Solar Project

April 2016

DILLON CONSULTING

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1. INTRODUCTION

Windsor Solar LP (WSLP) is developing a solar facility with a total name plate capacity of 50 megawatts alternating current (MW AC), to be known as the Windsor Solar Project. The project is located on the Windsor International Airport property in the City of Windsor. The Windsor International Airport is owned by the City of Windsor and operated by Your Quick Gateway (Windsor) Inc. (YQG). A Renewable Energy Approval (REA) application was submitted to the Ontario Ministry of the Environment and Climate Change (MOECC) in February 2015 in accordance with the requirements of *Ontario Regulation 359/09*.

On September 11, 2015, an REA was issued for the construction of the Windsor Solar Project (see **Appendix A**). Since that time, WSLP and their construction contractor, PCL have completed detailed design of the solar facility. Together, WSLP and PCL have discovered some areas to increase technical efficiency that could only be identified during the detailed design phase of the project. Primarily, the availability of more efficient equipment that allows for the reduction of the number of solar panels and MV Stations has required a redesign of the overall layout of the project. As such, the proponent is proposing some technical changes to the preliminary design. Since the REA is based on the preliminary design, the proponent is also seeking a technical change to the REA. This report outlines the proposed amendments and any potential impacts that may be anticipated to the natural environment and neighbouring landowners.

To avoid confusion, this report focuses on the final design as prepared by PCL. To review the preliminary design as submitted to the MOECC as part of the REA application, please visit http://www.samsungrenewableenergy.ca/windsor.

2. OVERVIEW OF THE TECHNICAL CHANGE AMENDMENT

The basis for this technical change comes from Condition C3 of the REA that states "*If the Company determines that some or all of the Equipment cannot be constructed in accordance with Condition C1 (2), prior to the construction and installation of the Equipment in question, the Company shall apply to the Director for an amendment to the terms and conditions of the Approval*".

Since receiving the REA approval, Windsor Solar LP has completed a detailed technical review of the Project design to identify opportunities for increased efficiency. This has prompted the redesign of the project and the subsequent relocation of the MV stations, resulting in a revised Noise Study Report. The final design of the project has also resulted in an update to the Stormwater Management (SWM) Report.

This Modifications Document focuses on the following proposed technical changes:

- Reduction in the overall footprint of the project components;
- Reduction in the total number of project components, including panel modules, MV Stations, access roads, and removal of the Communications Tower;
- Reconfiguration of area and location of temporary construction laydown areas;
- Reconfiguration of project components including internal access roads, panel modules, and MV Stations resulting in a revised Stormwater Management Report; and
- Reduction in the total number of MV Stations and reconfiguration of MV Stations, DSTATCOM and Reactor resulting in a revised Noise Study Report. The Line Reactor will be replaced with a Shunt Reactor with a maximum power rating of 7.5 MVAR. We note that the reconfiguration of the noise components will not affect the compliance of the facility with the MOECC's noise criterion of 40 dBA. The noise levels at receptors in and around the project location will be in compliance with the 40 dBA threshold.
- Other technical changes within the approved project location, if necessary.

3. PROPONENT CONTACT INFORMATION

Should there be any questions about these amendments or the project, please contact:

Full Name of Company:	*Windsor Solar LP*
Prime Contact:	*Megan Bellamy, Project Manager*
Address:	*235 Yorkland Blvd Suite 800, Toronto, Ontario, M2J 4Y8*
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Email:	*MBellamy@dillon.ca*

4. PROJECT SIZE AND LAYOUT

The nameplate capacity of the project as outlined in the REA application has been maintained at 50 MWAC. As a result of the changes, the project area within the fence line has been reduced from 128.25 ha to 113.32 ha. The internal access roads have been reconfigured to accommodate efficiencies in the design, and the total length of the access roads has been reduced, from approximately 15.4 km, to 7.4 km. The perimeter fence has been reduced from the preliminary design stage as a result of an associated reduction in project area. All project components remain within the project location boundary as permitted by the REA. Additional temporary laydown areas have been added, increasing the total construction laydown area from approximately 0.87 ha to approximately 6.41 ha, within the perimeter fence. All these changes are depicted in the comparison figure included in **Appendix C**; however, it should be noted that the comparison figure is a visual approximation and not representative of legal surveys for drawings issued for construction.

As mentioned in **Section 2**, additional minor changes as determined through consultation with interested parties and regulators may occur within the permitted project location boundary. Note that these potential changes will not include the movement of noise components greater than 10 m from the locations indicated in the revised Noise Study Report (**Appendix D**) of this report. A comparison of the preliminary design and final design layouts is provided in **Appendix C**. Any additional technical changes that may occur will accommodate any applicable setbacks required from natural features and will be within the fence line indicated on the comparison figure in **Appendix C**.

Ministry of Natural Resources and Forestry

Further consultation with the Ministry of Natural Resources and Forestry (MNRF) was not warranted for the proposed technical changes. As the final design for the project does not exceed the original project location boundary, no amendments to the *Natural Heritage Assessment* are required. However, the MNRF has been circulated as part of the agency and

stakeholder notification that there are proposed technical amendments proposed to this project. Any correspondence received in response from the MNRF will be subsequently forwarded to the MOECC.

Ministry of Tourism, Culture and Sport

This reduction in the project area does not require amendments to either the Cultural Heritage or Archaeological Assessments completed and reviewed by the Ministry of Tourism, Culture and Sport (MTCS). The project location boundary did not increase and the project area was studied and commented on in the original REA submission. The locations of the project components, installation methods or equipment specifications would not change the results or information presented related to cultural heritage or archaeological resources for this project. The MTCS has been circulated as part of the agency and stakeholder notification that there are proposed technical amendments proposed to this project. Any correspondence received in response from MTCS will be subsequently forwarded to the MOECC.

5. SOLAR PANELS

The total number of modules to be used in development of the Windsor Solar Project has decreased following detailed design. The development will include between 190,000 – 195,000 modules, which represents a decrease from the previously defined range of 197,000 - 207,000 modules. The type of panel has been determined as a Canadian Solar CS6X panel, and will be comprised of varying quantities of three wattages (CS6X-305P, CS6X-310P, and CS6X-315P). The configuration of the solar panels has been modified, however all components are within the approved project location boundary. More detailed information pertaining to solar panels can be found in **Appendix E**. No negative environmental effects are anticipated as a result of the decrease in the number of solar modules.

6. MEDIUM VOLTAGE (MV) STATIONS

The number of MV Stations required for the Windsor Solar Project is directly related to the quantity of solar panels to be installed as part of the project. The number of MV Stations has been reduced from 34 to 30. All MV Stations will contain two (2) 800 kW inverters and one (1) 1.6 MVA transformer. This differs from the original layout which proposed that three of the MV Stations be configured with one (1) 800 kW inverter and one (1) 800 kVA transformer. Specifications for the MV Stations are included in **Appendix F**.

The reduction and reconfiguration of MV Stations requires revision to the *Noise Study Report*. The revised *Noise Study Report* concludes that these components can be installed and meet the noise standards of the MOECC. Please see **Appendix G** for a table with updated UTM coordinates of each MV Station.

7. DISTRIBUTED STATIC COMPENSATOR (DSTATCOM)

The Project includes a DSTATCOM, the purpose of which is to maintain high MVAR output at depressed system voltages. The specifications of the DSTATCOM are consistent with the approved REA. With the reconfiguration of project components, the DSTATCOM will be situated in the north-east corner of the project, within the approved project boundary. The reconfiguration of the DSTATCOM requires revision to the *Noise Study Report*. The revised *Noise Study Report* concludes that this component can be installed and meet the noise standards of the MOECC.

8. SHUNT REACTOR

The Project includes a Shunt Reactor, which is to replace the REA-approved Line Reactor. The purpose of the Shunt Reactor is to filter out spikes for current that may exist between power generation and the grid. The specifications for the Shunt Reactor have changed from the approved REA Line Reactor, the new specifications indicating a max power rating of 7.5 MVAR, replacing the previously approved 26 MVAR Line Reactor. With the reconfiguration of project components, the Shunt Reactor will be situated in the north-east corner of the project, within the approved project location boundary. The reconfiguration of the Line Reactor requires revision to the *Noise Study Report*. The revised *Noise Study Report* concludes that this component can be installed and meet the noise standards of the MOECC.

9. SUPPORTING DOCUMENTATION

Noise Study Report

The proponent has prepared a revised *Noise Study Report* based on the technical changes discussed above. The revised *Noise Study Report* indicates that the Windsor Solar Project will be in compliance with the MOECC's noise standards with no requirement for additional noise mitigation measures. This is consistent with the conclusions of the original *Noise Study Report*, which also did not require additional mitigation to achieve compliance. The predicted noise levels for the proposed amendment are lower at all receptors than those predicted for the already approved REA. A comparison of the noise level contours at 1.5 and 4.5 m height for the original and revised project layout shows consistency. These figures are presented in **Appendix C**.

The complete revised *Noise Study Report* is being submitted (see **Appendix D**) along with this Modifications Document to satisfy Condition C3 of the REA dated September 11, 2015.

Stormwater Management Report

As a result of completing the detailed design for the project, the proponent has prepared a detailed Stormwater Management (SWM) Report to ensure that post-development flow conditions are consistent with pre-construction conditions.

The SWM Report reviewed the existing conditions, proposed development, assessment of the impacts to runoff quality and quantity as a result of project development, and provided recommendations for stormwater management associated with the development.

The Windsor Solar Project is to be located on lands within the Windsor International Airport. The development of the Windsor Solar Project will involve construction of impervious surfaces including access roads and platforms for the substation; however this will account for approximately 2.3% of the site area. The land is currently farmed, but with development of the Windsor Solar Project, the land under and between the panel arrays will be vegetated with a low-profile ground cover. It is not expected that the installation of the solar facility will have a negative impact on the volume or runoff of water from the site, as this increase would be mitigated through the vegetation of the land under the panels. This vegetative cover is anticipated to have a positive impact on the hydrology of the land.

The development of the Windsor Solar Project is not anticipated to impact the ground conditions significantly. Where possible, efforts will be made to match the proposed ground into the existing grading at the site, and existing drainage patterns will be maintained where possible. The installation procedures for the panels (using helical pile foundations) do not require topsoil to be stripped or for the ground to be significantly disturbed. This is anticipated to result in similar drainage patterns as pre-construction conditions. The post-development ground cover will be vegetated into a permanent grassed meadow instead of the current farmed fields, and this is anticipated to have a positive impact on the hydrology. Similarly, the vegetated ground cover to be used post-development is expected to reduce erosion potential of the developed lands, which is anticipated to have a positive effect on the quality of runoff.

Analysis was undertaken of the pre-development and post-development peak flows and runoff values. Through modelling of pre-development and post-development conditions, it was found that post-development flows are consistent with or lower than pre-development flows.

Based on the anticipated improvement in quality and expected reduction in quantity of runoff, no formal quantity or quality control measures are required for the site.

Further detail (including detailed design drawings) is provided in the complete SWM Report, which is presented in **Appendix H**.

10. AMENDMENTS TO THE ORIGINAL REA SUBMISSION PACKAGE

Based on the original REA submission to the MOECC approved on September 11, 2015, the following table (**Table 1**) outlines which reports in the original REA submission would be affected by the proposed technical changes. For each proposed change, the report and section(s) affected are listed where the

proposed changes as outlined in this REA Modifications Document would replace the text in the original report where the details are related to the Windsor Solar Project. Changes to the *Noise Study Report* are addressed above.

Table 1: Proposed Changes to the Original REA Application

Proposed Change	Report	Section Affected
Reduction of the project area inside the perimeter fence	Project Description Report	Section 3, Figure 2, Figure 3
	Construction Plan Report	Section 3, Figure 2, Figure 3, Figure 4
	Design and Operations Report	Section 3, Figure 2, Figure 3, Figure 4, Appendix B
	Decommissioning Plan Report	Section 3, Figure 2
	NHA Records Review	Section 3, Figure 2, Figure 3
	NHA Site Investigation	Section 3, Figure 2, 3, 4, 5, 6
	NHA Evaluation of Significance	Section 3, Figure 2, 3, 4, 5, 6
	NHA Environmental Impact Study	Section 3, Figure 2, Figure 3
	Water Assessment Report	Section 3, Figure 2, Figure 3, Figure 4, Figure 5,
	Water Body Report	Section 3, Figure 2, Figure 3
	Heritage Assessment Report	Figure 1, Figure 5, Figure 6, Appendix A
	Stage 1 Archaeological Assessment Report	Figure 1
	Stage 2 Archaeological Assessment Report	Figure 1
Change in location and reduction of solar modules	Project Description Report	Figure 2, Section 5.4.1, Table 3
	Construction Plan Report	Figure 2, Table 3
	Design and Operations Report	Figure 3, Section 5.3.1, Appendix B, Appendix D
	Decommissioning Plan Report	Table 3
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2, Table 3
	Water Assessment Report	Figure 2
	Water Body Report	Figure 2, Table 4
	Heritage Assessment Report	Executive Summary, Section 1.2, Section 1.3.1, Section 5.1, Appendix A
	Stage 1 Archaeological Assessment Report	Section 1.1

Proposed Change	Report	Section Affected
	Stage 2 Archaeological Assessment Report	N/A
Change in access road locations and coverage	Project Description Report	Figure 2, Section 5.4.5, Table 3
	Construction Plan Report	Section 4.2, Section 5.4, Figure 2
	Design and Operations Report	Section 5.1, Section 5.3.5, Figure 3
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2, Table 3
	Water Assessment Report	Figure 2
	Water Body Report	Figure 2, Table 4
	Heritage Assessment Report	Section 1.3.1, Appendix A
Change in laydown area size and location	Project Description Report	Figure 2, Table 3
	Construction Plan Report	Figure 2, Section 4.3, Section 5.7
	Design and Operations Report	Section 4, Figure 3
	Decommissioning Plan Report	N/A
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2, Table 3
	Water Assessment Report	Figure 2
	Water Body Report	Figure 2, Table 4
	Heritage Assessment Report	Appendix A
	Stage 1 Archaeological Assessment Report	N/A
	Stage 2 Archaeological Assessment Report	N/A
Removal of Communications Tower	Project Description Report	Figure 2, Section 5.4.8
	Construction Plan Report	Figure 2
	Design and Operations Report	Section 4, Figure 3, Section 5.3.7
	Decommissioning Plan Report	N/A
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2
	Water Assessment Report	Figure 2

Proposed Change	Report	Section Affected
	Water Body Report	Figure 2
	Heritage Assessment Report	Appendix A
	Stage 1 Archaeological Assessment Report	N/A
	Stage 2 Archaeological Assessment Report	N/A
Change in location of Substation and other equipment (DSTATCOM, Shunt Reactor)	Project Description Report	Figure 2, Section 5.4.4
	Construction Plan Report	Figure 2
	Design and Operations Report	Section 4.1, Figure 3, Appendix B
	Decommissioning Plan Report	N/A
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2
	Water Assessment Report	Figure 2
	Water Body Report	Figure 2
	Heritage Assessment Report	Appendix A
	Stage 1 Archaeological Assessment Report	N/A
	Stage 2 Archaeological Assessment Report	Section 1.1
Change in location and reduction of MV Stations	Project Description Report	Section 5.4.2, Table 3, Figure 2
	Construction Plan Report	Section 5.10, Figure 2, Table 3
	Design and Operations Report	Section 5.3.2, Figure 3, Appendix A, Appendix C
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2
	NHA Environmental Impact Study	Figure 2, Table 3
	Water Assessment Report	Figure 2
	Water Body Report	Figure 2, Table 4
	Heritage Assessment Report	Section 1.3.1, Appendix A
Detailed Design Stormwater Management Report	Project Description Report	Section 5.4.11, Table 3
	Construction Plan Report	See Section 9.1.1 of this document.
	Design and Operations Report	See Section 9.1.1 of this document.
	NHA Records Review	Figure 2
	NHA Site Investigation	Figure 2
	NHA Evaluation of Significance	Figure 2

Proposed Change	Report	Section Affected
	NHA Environmental Impact Study	Figure 2, Table 4, Table 6, Table 7,
	Water Assessment Report	Figure 2
	Water Body Report	Table 4, Table 5, Section 10, Table 6, Table 7

10.1 Specific Changes to the Design and Operations Report and Construction Plan

The development of a detailed design stormwater management report, and reconfiguration of project components discussed above requires that specific amendments be made to the Construction Plan Report and Design and Operations Reports that were submitted as part of the original REA application. These are outlined in **Table 2**, below:

Table 2: Proposed Changes to the Design and Operation and Construction Plan Reports

Report	Section Affected	Original Text	Revised Text
Design and Operations Report (February 2015)	Section 3 (Project Location)	Of the optioned lands, approximately 128.3 hectares (317 acres) will be occupied by components to make up the Project.	Of the optioned lands, approximately 113.32 hectares (280 acres) will be occupied by components to make up the Project.
	Section 4 (Site Plans)	Figure 3 provides the location of all proposed facility components. In addition, the preliminary components include: PV panels (and associated racking and supports), MV Stations, substation, communication tower, operations and maintenance building, access roads, and the permanent fences and gated entrances. The preliminary facility layout and detailed information on facility components is provided in Section 5 and Appendix B. Appendix C provides the UTM coordinates for the noise sensitive receptors within 1,000 m of the Project Location. Two temporary construction laydown areas (with parking for construction vehicles as well as trailers and temporary offices) are provided in Figure 3 for context.	Figure 3 provides the location of all proposed facility components. In addition, the preliminary components include: PV panels (and associated racking and supports), MV Stations, substation, operations and maintenance building, access roads, and the permanent fences and gated entrances. The preliminary facility layout and detailed information on facility components is provided in Section 5 and Appendix B. Appendix C provides the UTM coordinates for the noise sensitive receptors within 1,000 m of the Project Location. Seven temporary construction laydown areas (with parking for construction vehicles as well as trailers and temporary offices) are provided in Figure 3 for context.
	Figure 2	N/A	Revise Project Location Boundary and distance to nearest Noise Receptor
	Figure 3	N/A	Revise Project Location Boundary and component layout
	Figure 4	N/A	Revise Project Location Boundary
	Section 5.1 (Existing Features)	However, the facility will be connected to the IESO controlled grid to the immediate north of the Project Location and the facility will be accessed from Division Road via Pillette Road and Jefferson Boulevard.	However, the facility will be connected to the IESO controlled grid to the immediate north of the Project Location and the facility will be accessed from Jefferson Boulevard.
	Section 5.3.1 (Solar Modules and Mounting System)	Approximately 197,000 to 208, 000 solar panels of between 290-305 watts (DC) each will be installed for the Project. The estimated number of panels uses a conservative 1.2 DC to AC conversion rate. This results in a high-level estimate for the number of modules (panels) to be installed. It is anticipated that the following panels, or equivalent, may be used: MaxPower CS6X – Canadian Solar Panels. However, this may be subject to change until a final decision on the selection of the module supplier is made.	Approximately 190,000 to 195,000 solar panels of between 305-315 watts (DC) each will be installed for the Project. It is anticipated that the following panels, or equivalent, may be used: Canadian Solar MaxPower CS6X –Panels.
	Section 5.3.2 (Medium Voltage Stations and Equipment)	A total of up to 34 MV Stations will be required for the Project and 31 of them will include two 800 kW inverters and one MV transformer with a capacity rating of 1,600 kilovolt-amperes (KVA), while 3 of the MV Stations will only contain one 800 kW inverter.	A total of up to 30 MV Stations will be required for the Project and all of them will include two 800 kW inverters and one MV transformer with a capacity rating of 1,600 kilovolt-amperes (KVA).
	Section 5.3.5 (Access Roads)	The main entrances to the facility will be located off Division Road via Pillette Road and Jefferson Boulevard.	The main entrances to the facility will be located off Jefferson Boulevard.
	Section 5.3.7 (Control Building / Communication Tower)	A control building and microwave (communication) tower will also be installed to provide transfer of facility operation data to HONI during operations. These components will be located within the substation yard at the northeast corner of the Project Location, as shown on Figure 3.	A control building will also be installed to provide transfer of facility operation data to HONI during operations. This component will be located within the substation yard at the northeast corner of the Project Location, as shown on Figure 3.
	Section 5.3.10 (Equipment Related to Stormwater Management)	Once operational, the solar facility is not anticipated to have any significant negative impacts to existing stormwater runoff or off-site drainage patterns. The detailed stormwater management plan (to be developed at final design) will identify any requirement for permanent features at the Project Location to minimize potential negative environmental effects from stormwater. Stormwater management measures and equipment related to construction activities are discussed in the Stormwater Management Report in Appendix E and in the Construction Plan Report.	Once operational, the solar facility is not anticipated to have any significant negative impacts to existing stormwater runoff or offsite drainage patterns. The project will match into exiting grading where possible, and existing drainage patterns will be maintained. A change of land use from agricultural to grass meadow will increase the hydrology of the soils. An increase in runoff is not expected, therefore there is no requirement for formal stormwater management control features.
	Section 6.1.1 (Stormwater Management)	Given the topography and location of the Project, it is not anticipated that significant ongoing stormwater management activities will be required during operation of the solar facility. Windsor Solar LP commits to maintaining the existing off-site drainage patterns and conditions off-site and to further mitigating any impacts to the existing site drainage that the proposed solar facility will cause. Any requirement for permanent stormwater management control structures will be determined during development of a detailed stormwater management report during the detailed design phase of the Project.	Development of the Project will not have a significant impact on the topography of the site. The project will match into exiting grading where possible, and existing drainage patterns will be maintained. A change of land use from agricultural to grass meadow will increase the hydrology of the soils. An increase in runoff is not expected, therefore there is no requirement for formal stormwater management control features.

Report	Section Affected	Original Text	Revised Text
Construction Plan Report (February 2015)	Table 2 (Operations and Maintenance)	Stormwater runoff at the Project Location will be managed as per a stormwater management plan to be developed by the appropriate contractor prior to detailed design. This will be done with consideration to maintaining pre-construction drainage patterns and any recommendations or limitations outlined in the Natural Heritage Assessment or Water Reports. Any implemented measures will be inspected during routine maintenance reviews.	Stormwater runoff at the project location will be managed per the recommendations in the report entitled "Stormwater Management Report - Windsor Solar Project" as prepared by Stantec Consulting Ltd., and dated February 19, 2016.
	Appendix A: Environmental Effects Mitigation and Monitoring Plan	(*Under "Mitigation Measures"*) Develop and implement a stormwater management plan which maintains pre-construction surface water flows to adjacent lands (quantity, quality, infiltrations, conveyance patterns and seasonality of water flow).	As outlined in the report entitled "Stormwater Management Report – Windsor Solar Project" as prepared by Stantec Consulting Ltd., and dated February 19, 2016, pre-construction surface water flows will be maintained as grading will generally match the existing topography. No formal stormwater management features are required for runoff quantity or quality.
	Appendix B	N/A	Revise Site Layout drawings, component specifications
	Appendix D (Glare Analysis Report)	2. Description of the Project The Project will utilize approximately 197,000 to 208,000 solar panels of between 290-305 watts (DC) each arranged with 18 modules in series and 11,111 strings in parallel.	2. Description of the Project The Project will utilize approximately 190,000 to 195,000 solar panels of between 305-315 watts (DC) each arranged with 18 modules in series and 11,111 strings in parallel.
	Section 3 (Project Location)	Of the optioned lands, approximately 128.3 hectares (317 acres) will be occupied by components to make up the Project.	Of the optioned lands, approximately 113.3 hectares (280 acres) will be occupied by components to make up the Project.
	Figure 2	N/A	Revise Project Location Boundary, component layout
	Figure 3	N/A	Revise Project Location Boundary
	Section 4.2 (Overview of Materials and Equipment)	Construction equipment and vehicles, including those that transport materials, will access the site via the entrances off Division Road via Pillette Road and Jefferson Boulevard (Figure 2).	Construction equipment and vehicles, including those that transport materials, will access the site via the entrances off Jefferson Boulevard (Figure 2).
	Table 3	*Under "Type of Material"* Solar PV panels (197,000 to 208,000) MV Stations (34)	Solar PV panels (190,000 to 195,000) MV Stations (30)
	Section 4.3 (Temporary Uses of Land)	During the construction phase, there will be several temporary uses of land, including sediment and erosion control structures, construction laydown areas, temporary fencing, site trailers, washrooms, first aid station, parking, and temporary access roads. Temporary sediment, dust and erosion control measures will be in place for the duration of the construction of the facility. Two construction laydown areas will be used during project construction as shown on Figure 2; however, pending the final design, any part of the Project Location may be used as temporary storage, which will be dependent on how construction will be staged. These areas are where construction equipment such as excavators, bulldozers and graders, and materials for construction (including panels) will be stored. The laydown areas will not be used simultaneously, but in stages as construction advances. The two laydown areas identified will total approximately 1 hectare (2.5 acres) in size and will be surrounded by temporary construction fencing which will be removed at the end of the construction phase. Site trailers, temporary washrooms, and the first aid station will only be required during construction of the facility and will be located within the laydown areas. The temporary laydown areas may remain during the operations phase of the Project to be used for temporary parking or other uses, as required. They would then be considered as permanent components. All temporary and disturbed areas will be rehabilitated after the construction of the facility is complete. Temporary fencing, trailers and construction equipment will be removed from the site. Temporary sediment structures will also be removed, as no sediment or dust will be created during the operation of the facility. Areas of compacted soil due to the presence of heavy machinery may be rehabilitated by tilling to restore soil density and drainage, and the spreading of existing topsoil.	During the construction phase, there will be several temporary uses of land, including construction laydown areas, temporary fencing, site trailers, washrooms, first aid station, parking, and temporary access roads. Temporary sediment, dust and erosion control measures will be in place for the duration of the construction of the facility. Seven construction laydown areas will be used during project construction as shown on Figure 2. These areas are where construction equipment such as excavators, bulldozers and graders, and materials for construction (including panels) will be stored. The laydown areas will not be used simultaneously, but in stages as construction advances. The laydown areas identified will total approximately 6.4 hectares (15.9 acres) in size and will be surrounded by temporary construction fencing which will be removed at the end of the construction phase. Site trailers, temporary washrooms, and the first aid station will only be required during construction of the facility and will be located within the laydown areas. The temporary laydown areas may remain during the operations phase of the Project to be used for temporary parking or other uses, as required. They would then be considered as permanent components. All temporary and disturbed areas will be rehabilitated after the construction of the facility is complete. Temporary fencing, trailers and construction equipment will be removed from the site. Areas of compacted soil due to the presence of heavy machinery may be rehabilitated by tilling to restore soil density and drainage, and the spreading of existing topsoil.

Report	Section Affected	Original Text	Revised Text
	Section 5.3 (Drainage and Erosion Control)	Construction activities associated with the Project are not anticipated to increase the flow of drainage from the Project Location, which is outlined in the Stormwater Management Report, appended to the Design and Operations Reports. To minimize the potential for impairment of the quality of any receiving waters during construction, an Erosion and Sediment Control (ESC) plan will be developed in detail and implemented prior to and during construction. A detailed ESC plan should not be completed until confirmation of final site grading and layout, phasing of construction, and construction methodology. As outlined in the Stormwater Management Report, at this preliminary stage, the following recommendations are only for consideration when developing the ESC plan: • Identifying and protecting trees and plants not shown for removal that are contained within the construction area. • Installing silt fences (placed at the downslope side of proposed grading activities, proposed stockpile areas, and the site limits) and necessary erosion control measures prior to commencing construction activities. • Installing construction entrance (mud mat) at vehicle access points adjacent to paved roads to limit the potential transport of materials off site. • Phasing construction, where possible, to limit areas with and duration exposed soils. • If dust conditions are prevalent spray water on exposed areas, access roads, and laydown areas to reduce the movement of wind born sediment. • Implementing proper dewatering techniques to ensure the site and excavations are free from water. These techniques include diverting water into a dewatering trap with a filter bag on the outlet hose or to a well vegetated area a minimum of 30 m from any sensitive receiving waterbody/wetland. • Using appropriate grading techniques to prevent increased run-off potential and maintain positive drainage. • Utilizing sedimentation basins or sediment traps to treat relatively large drainage areas (i.e., greater than 2 ha). • Implementing temporary water passages techniques for proposed in-water works with appropriate approvals confirmed prior to construction. • Planting of grasses on disturbed areas after construction activities have ceased (e.g. construction laydown area). • Protecting stockpiled areas with silt fencing and locating the areas a safe distance from sensitive natural features. • Stabilizing with vegetation or other erosion and sediment control measure disturbed areas that are not under immediate construction (i.e., 30days). All ESC measures should be designed and implemented in accordance with local guidelines and regulations.	Construction activities associated with the Project are not anticipated to increase the flow of drainage from the Project Location, which is outlined in the report entitled “Stormwater Management Report - Windsor Solar Project” as prepared by Stantec Consulting Ltd., and dated February 19, 2016. The land use will be changed from agricultural to grass meadow, which is expected to have a positive impact on runoff quality. Therefore, no formal quantity or quality stormwater management control measures are required.
	Section 5.4 (Installation of Fence and Security Lighting)	Gated entrances will be installed at the site entrances off Division Road via Pillette Road and Jefferson Boulevard	Gated entrances will be installed at the site entrances off Jefferson Boulevard
	Section 5.6 (Construction of Access Roads and Installation of Temporary Power)	The main entrances to the facility will be located off Division Road via Pillette Road and Jefferson Boulevard.	The main entrances to the facility will be located off Jefferson Boulevard.
	Section 5.7 (Delineation of Temporary Storage and Construction Areas and Installation of Temporary Facilities)	Temporary laydown and construction staging areas, totalling approximately 1 hectare (2.5 acres) have been delineated on the north side of the Project Location, as shown on Figure 2. However, pending the final design, any part of the Project Location may be used as temporary storage, which will be dependent on how construction will be staged.	Temporary laydown and construction staging areas, totalling approximately 6.4 hectares (15.9 acres), have been delineated within the Project Location, as shown on Figure 2.

Report	Section Affected	Original Text	Revised Text
	Section 5.10 (Installation of Wiring and Inverters/Transformers	From the combiner box, the DC current will be transmitted below ground to one of 65 inverters contained in MV Stations, which contain multiple components, including inverters, and an MV transformer. The AC voltage created by the inverters will be “stepped-up” to 34.5 kV through the multiple MV stations.	From the combiner box, the DC current will be transmitted below ground to one of 60 inverters contained in MV Stations, which contain multiple components, including inverters, and an MV transformer. The AC voltage created by the inverters will be “stepped-up” to 34.5 kV through the multiple MV stations.

11. ENVIRONMENTAL EFFECTS

There are no additional potential environmental effects as a result of the proposed technical change amendments that were not previously anticipated in the *Project Description Report*, *Design and Operations Report*, *Construction Plan Report, Natural Heritage Assessment* reports*, Water Body Report* and *Decommissioning Plan Report* that were submitted as part of the original REA application. The reduction and reconfiguration of MV Stations and change to a Shunt Reactor may reduce any potential negative effects as a result of a reduced noise level from the approved REA level. The reduction in the number of MV Stations and solar modules included removal of these components in the southern portion of the project location, closest to travelled roadways. It is thus anticipated that the change in location of these components will reduce project visibility from neighbouring residences. It is not anticipated that these changes will result in negative environmental effects, and it is the opinion of Windsor Solar LP that this change represents a benefit to the local community.

12. SUMMARY

The view of the proponent is that the above-listed amendments to the Windsor Solar Project are improvements for the neighbouring residents and the environment. None of the amendments will create, and may reduce any potential negative environmental effects to natural features, water bodies or neighbouring residents for which mitigation was not already proposed in the preliminary design. A Notice of REA Amendment and covering letter outlining the proposed technical changes will be distributed to all project stakeholders during the week of April 18, 2016. The Notice of REA Amendment will be published in the "*Windsor Star*" during the week of April 18, 2016. A copy of the letter and notice sent are included in **Appendix I**.

APPENDIX A

REA # 8284-9ZGNBN

Ontario

Ministry of the Environment and Climate Change
Ministère de l'Environnement et de l'Action en matière de changement climatique

RENEWABLE ENERGY APPROVAL

NUMBER 8284-9ZGNBN
Issue Date: September 11, 2015

Windsor Solar GP Inc. as the general partner of Windsor Solar LP
2050 Derry Road West, 2nd Floor
Mississauga, Ontario
L5N 0B9

Project Location: Windsor International Airport lands, south and east of the physical airport.
Lots 108-122, Concession 3, P.C.
N8V 0A1
City of Windsor

You have applied in accordance with Section 47.4 of the Environmental Protection Act for approval to engage in a renewable energy project in respect of a Class 3 solar facility consisting of the following:

- the construction, installation, operation, use and retiring of a Class 3 solar facility with a total name plate capacity of up to approximately 50 megawatts (AC).

For the purpose of this renewable energy approval, the following definitions apply:

1. "Acoustic Assessment Report" means the report included in the Application and entitled "Windsor Solar Project - Noise Study Report" dated August 14, 2015, prepared and signed by Amir A. Iravani, Dillon Consulting Limited;

2. "Act" means the *Environmental Protection Act* , R.S.O 1990, c.E.19, as amended;

3. "Adverse Effect" has the same meaning as in the Act;

4. "Application" means the application for a Renewable Energy Approval dated February 19, 2015, and signed by Daniel Choi, Project Manager, Windsor Solar LP, and all supporting documentation submitted with the application, including amended documentation submitted up to the date this Approval is issued;

5. "Approval" means this Renewable Energy Approval issued in accordance with Section 47.4 of the Act, including any schedules to it;

6. "A-weighting" means the frequency weighting characteristic as specified in the International Electrotechnical Commission (IEC) Standard 61672, and intended to approximate the relative sensitivity of the normal human ear to different frequencies (pitches) of sound. It is denoted as "A";

7. "A-weighted Sound Pressure Level" means the Sound Pressure Level modified by application of an A-weighting network. It is measured in decibels, A-weighted, and denoted "dBA";

8. "Class 1 Area" means an area with an acoustical environment typical of a major population centre, where the background sound level is dominated by the activities of people, usually road traffic, often referred to as "urban hum";

9. "Class 2 Area" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 Areas:

    1. sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours);

    2. low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours);

    3. no clearly audible sound from stationary sources other than from those under impact assessment.

10. "Class 3 Area" means a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following:

    1. a small community with less than 1000 population;

    2. agricultural area;

    3. a rural recreational area such as a cottage or a resort area; or

    4. a wilderness area.

11. "Company" means Windsor Solar GP Inc., as the general partner of Windsor Solar LP, the partnership under the laws of Ontario, and includes its successors and assignees;

12. "Decibel" means a dimensionless measure of Sound Level or Sound Pressure Level, denoted as dB;

13. "Director" means a person appointed in writing by the Minister of the Environment and Climate Change pursuant to section 5 of the Act as a Director for the purposes of section 47.5 of the Act;

14. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Facility is geographically located;

15. "Equipment" means the inverters, transformers, transformer substation, DSTATCOM inverters system and line reactor, and associated ancillary equipment identified in this Approval and as further described in the Application, to the extent approved by this Approval;

16. "Equivalent Sound Level" is the value of the constant sound level which would result in exposure to the same total A-weighted energy as would the specified time-varying sound, if the constant sound level persisted over an equal time interval. It is denoted L_{eq} and is measured in dB A-weighting (dBA);

17. "Facility" means the renewable energy generation facility, including the Equipment, as described in this Approval and as further described in the Application, to the extent approved by this Approval;

18. "IEEE Standard C57.12.90" means the IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers, 2010;

19. "Ministry" means the ministry of the government of Ontario responsible for the Act and includes all officials, employees or other persons acting on its behalf;

20. "Noise Receptor" has the same meaning as in O. Reg. 359/09;

21. "O. Reg. 359/09" means Ontario Regulation 359/09 "Renewable Energy Approvals under Part V.0.1 of the Act" made under the Act;

22. "Point of Reception" has the same meaning as in Publication NPC-300, as applicable, and is subject to the same qualifications described in this document;

23. "Publication NPC-103" means the Ministry Publication NPC-103, "Procedures", August 1978;

24. "Publication NPC-104" means the Ministry Publication NPC-104, "Sound Level Adjustments", August 1978;

25. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995;

26. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended;

27. "Sound Level" means the A-weighted Sound Pressure Level;

28. "Sound Level Limit" is the limiting value described in terms of the one hour A-weighted Equivalent Sound Level L_{eq};

29. "Sound Power Level" means is ten times the logarithm to the base of 10 of the ratio of the sound power (Watts) of a noise source to standard reference power of 10^{-12} Watts;

30. "Sound Pressure" means the instantaneous difference between the actual pressure and the average or barometric pressure at a given location. The unit of measurement is the micro pascal (μPa);

31. "Sound Pressure Level" means twenty times the logarithm to the base 10 of the ratio of the effective pressure (μPa) of a sound to the reference pressure of 20 μPa;

32. "UTM" means Universal Transverse Mercator coordinate system.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

A – GENERAL

A1. The Company shall construct, install, use, operate, maintain and retire the Facility in accordance with the terms and conditions of this Approval and the Application and in accordance with the following schedules attached hereto:

(1) Schedule A - Facility Description

(2) Schedule B - Coordinates of the Equipment and Noise Specifications

A2. Where there is a conflict between a provision of this Approval and any document submitted by the Company, the conditions in this Approval shall take precedence. Where there is a conflict between one or more of the documents submitted by the Company, the document bearing the most recent date shall take precedence.

A3. The Company shall ensure a copy of this Approval is:

(1) accessible, at all times, by Company staff operating the Facility and;

(2) submitted to the clerk of each local municipality and upper-tier municipality in which the Facility is situated.

A4. If the Company has a publicly accessible website, the Company shall ensure that the Approval and the Application are posted on the Company's publicly accessible website within five (5) business days of receiving this Approval.

A5. The Company shall, at least six (6) months prior to the anticipated retirement date of the entire Facility, or part of the Facility, review its Decommissioning Plan Report to ensure that it is still accurate. If the Company determines that the Facility cannot be decommissioned in accordance with the Decommissioning Plan Report, the Company shall provide the Director and District Manager a written description of plans for the decommissioning of the Facility.

A6. The Facility shall be retired in accordance with the Decommissioning Plan Report and any directions provided by the Director or District Manager.

A7. The Company shall provide the District Manager and the Director at least ten (10) days written notice of the following:

(1) the commencement of any construction or installation activities at the project location; and

(2) the commencement of the operation of the Facility.

A8. The Company shall, at least six (6) months prior to the anticipated retirement date of the entire Facility, or part of the Facility, contact the ministry responsible for agriculture in Ontario at that time to discuss its plans for the decommissioning of the Facility, and follow any directions provided by that ministry in respect of the Company's plans to restore the project location to its previous agricultural capacity.

B – EXPIRY OF APPROVAL

B1. Construction and installation of the Facility must be completed within three (3) years of the later of:

(1) the date this Approval is issued; or

(2) if there is a hearing or other litigation in respect of the issuance of this Approval, the date that this hearing or litigation is disposed of, including all appeals.

B2. This Approval ceases to apply in respect of any portion of the Facility not constructed or installed before the later of the dates identified in Condition B1.

C – NOISE PERFORMANCE LIMITS

C1. The Company shall ensure that:

(1) the Sound Levels from the Equipment, at the Points of Reception identified in the Acoustic Assessment Report, comply with the Sound Level Limits as described in Publication NPC-300, subject to adjustment for tonality as described in Publication NPC-104;

(2) the Equipment is constructed and installed at either of the following locations:

(a) at the locations identified in Schedule B of this Approval; or

(b) at a location that does not vary by more than 10 metres from the locations identified in Schedule B of this Approval and provided that,

(i) the Equipment will comply with Condition C1(1), and

(ii) all setback prohibitions established under O. Reg. 359/09 are complied with.

(3) the Equipment complies with the noise specifications set out in Schedule B of this Approval.

C2. Prior to construction and installation of the transformer substation the Company shall submit to the Director a written confirmation signed by an individual who has the authority to bind the Company that the subject transformer substation sound power levels, determined fully in accordance with the IEEE Standard C57.12.90-2010, do not exceed the maximum sound power levels specified in the Schedule B of the Approval.

C3. If the Company determines that some or all of the Equipment cannot be constructed in accordance with Condition C1(2), prior to the construction and installation of the Equipment in question, the Company shall apply to the Director for an amendment to the terms and conditions of the Approval.

C4. Within three (3) months of the completion of the construction of the Facility, the Company shall submit to the Director a written confirmation signed by an individual who has the authority to bind the Company that the UTM coordinates of the "as constructed" Equipment comply with the requirements of Condition C1(2).

D – WATER TAKING ACTIVITIES

D1. The Company shall not take more than 50,000 litres of water on any day by any means during the construction, installation, use, operation, maintenance and retiring of the Facility.

E – STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL

E1. The Company shall prepare a detailed, site-specific erosion and sediment control plan for the construction and installation of the Facility, and submit the plan to the Director.

E2. The erosion and sediment control plan shall include details related to site-specific mitigation measures, monitoring, monitoring frequency, and the requirement for a qualified person to do the monitoring.

E3. The Company shall not commence construction of the Facility, except for installing fencing and undertaking geotechnical investigations, until the erosion and sediment control plan mentioned in Condition E1 has been approved in writing by the Director.

E4. The Company shall implement the approved erosion and sediment control plan during the construction and installation of the Facility.

E5. The Company shall install and maintain temporary erosion and sediment control measures during construction of the Facility and conduct inspections once every two (2) weeks and after each significant storm event (a significant storm event is defined as a minimum of 10 mm of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly.

E6. The Company shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. Each record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

E7. The Company shall take all reasonable measures necessary to prevent damages to neighbouring properties, buildings, bridges, structures, roads and/or railway lines that may be impacted by the discharge from the project location.

E8. The Company shall implement a total suspended solids (TSS) monitoring program during construction of the Facility. Monitoring for TSS shall be initiated 2 weeks prior to ground breaking and continue through the construction phase until the Facility is in commercial operation. The monitoring program shall be as follows:

(1) The McGill Drain and Lappan Drain shall be monitored at upstream and downstream locations from discharge locations where stormwater from the site discharges to either drain.

(2) The sampling for TSS shall take place biweekly. During significant rainfall events (10 mm or more in a 24 hour period), monitoring shall be conducted at least once per day during the rainfall event where possible and for one day following the completion of the rain event.

(3) Downstream TSS levels shall not exceed the upstream TSS concentration by more than 30%. If the 30% trigger is exceeded, contingency measures, as proposed in an approved erosion and sediment control plan, shall be implemented, including immediate notification of the District Manager.

F – SEWAGE WORKS OF THE TRANSFORMER SUBSTATION SPILL CONTAINMENT FACILITY

F1. The Company shall design and construct a transformer substation oil spill containment facility which meets the following requirements:

(1) the spill containment facility serving the transformer substation shall have a minimum volume equal to the volume of transformer oil and lubricants plus the volume equivalent to providing a minimum 24-hour duration, 50-year return storm capacity for the stormwater drainage area around the transformer under normal operating conditions. This containment area shall have:

(a) an impervious floor with walls usually of reinforced concrete or impervious plastic liners, sloped toward an outlet / oil control device, allowing for a freeboard of 0.25 metres terminating approximately 0.30 metres above grade to prevent external stormwater flows from entering the facility. The facility shall have a minimum of 300mm layer of crushed stoned (19mm to 38mm in diameter) within, all as needed in accordance to site specific conditions and final design parameters; or

(b) a permeable floor with impervious plastic walls and around the transformer pad; equipped with subsurface drainage with a minimum 50mm diameter drain installed on a sand layer sloped toward an outlet for sample collection purposes; designed with an oil absorbent material on floor and walls, and allowing for a freeboard of 0.25 metres terminating approximately 0.30 metres above grade to prevent external stormwater flows from entering the facility. The facility's berm shall be designed as needed in accordance to site specific conditions and the facility shall have a minimum 300mm layer of crushed stoned (19mm to 38mm in diameter) on top of the system, as needed in accordance to site specific conditions and final design parameters.

(2) the spill containment facility shall be equipped with an oil detection system; it also shall have a minimum of two (2) PVC pipes (or equivalent material) 50mm diameter to allow for visual inspection of water accumulation. One pipe has to be installed half way from the transformer pad to the vehicle access route;

(3) the spill containment facility shall have appropriate sewage appurtenances as necessary, such as but not limited to: sump, oil/grit separator, pumpout manhole, level controllers, floating oil sensors, etc., that allows for batch discharges or direct discharges and for proper implementation of the monitoring program described under Condition F4; and

(4) the Company shall have a qualified person on-site during construction to ensure that the system is installed in accordance with the approved design and specifications.

F2. The Company shall:

(1) within six (6) months after the completion of the construction of the transformer substation spill containment facility, provide to the District Manager an engineering report and as-built design drawings of the sewage works for the spill containment facility and any stormwater management works required for it, signed and stamped by an independent Professional Engineer licensed in Ontario and competent in electrical and environmental engineering. The engineering report shall include the following:

(a) as-built drawings of the sewage works for the spill containment facility and any stormwater management works required for it;

(b) a written report signed by a qualified person confirming the following:

(i) on-site supervision during construction;

(ii) in case of a permeable floor systems: type of oil absorbent material used (for mineral-based transformer oil or vegetable-based transformer oil, make and material's specifications);

(iii) use of stormwater best management practices applied to prevent external surface water runoff from entering the spill containment facility; and

(iv) confirm adequacy of the installation in accordance with specifications.

(c) confirmation of the adequacy of the operating procedures and the emergency procedures manuals as it pertains to the installed sewage works;

(d) procedures to provide emergency response to the site in the form of pumping and clean-up equipment within 24 hours after an emergency has been identified. Such response shall be provided even under adverse weather conditions to prevent further danger of material loss to the environment.

(2) as a minimum, the Company shall check the oil detection systems on a monthly basis and create a written record of the inspections;

(3) ensure that the effluent is essentially free of floating and settle-able solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen or foam on the receiving waters;

(4) immediately identify and clean-up all losses of oil from the transformer;

(5) upon identification of oil in the spill containment facility, take immediate action to prevent the further occurrence of such loss;

(6) ensure that equipment and material for the containment, clean-up and disposal of oil and materials contaminated with oil are kept within easy access and in good repair for immediate use in the event of:

(a) loss of oil from the transformer;

(b) a spill within the meaning of Part X of the Act; or

(c) the identification of an abnormal amount of oil in the effluent.

(7) in the event of finding water accumulation in the PVC pipes at the time of inspection, as per Condition F4, the Company shall: (a) for impervious floors, inspect the sewage appurtenances that allow drainage of the concrete pit; or (b) for permeable systems, replace the oil absorbent material to ensure integrity of the system performance and design objectives;

(8) for permeable floor systems, the Company shall only use the type of oil specified in the design, i.e. mineral-based transformer oil or vegetable-based transformer oil. If a change is planned to modify the type of oil, the Company shall also change the type of the oil absorbent material and obtain approval from the Director to amend this Approval before any modification is implemented.

F3. The Company shall design, construct and operate the sewage works such that the concentration of the effluent parameter named in the table below does not exceed the maximum Concentration Objective shown for that parameter in the effluent, and shall comply with the following requirements:

Effluent Parameters	Maximum Concentration Objective
Oil and Grease	15mg/L

(1) notify the District Manager as soon as reasonably possible of any exceedance of the maximum concentration objective set out in the table above;

(2) take immediate action to identify the cause of the exceedance; and

(3) take immediate action to prevent further exceedances.

F4. Upon commencement of the operation of the Facility, the Company shall establish and carry out the following monitoring program for the sewage works:

(1) the Company shall collect and analyze the required set of samples at the sampling points listed in the table below in accordance with the measurement frequency and sample type specified for the effluent parameter, oil and grease, and create a written record of the monitoring:

Effluent Parameters	Measurement Frequency and Sample Points	Sample Type
Oil and Grease	Quarterly, i.e. four times over a year, relatively evenly spaced having a minimum two (2) of these samples taken within 48 hours after a 10mm rainfall event.	Grab

(2) in the event of an exceedance of the maximum concentration objective set out in the table in Condition F3, the Company shall:

(a) increase the frequency of sampling to once per month, for each month that effluent discharge occurs; and

(b) provide the District Manager, on a monthly basis, with copies of the written record created for the monitoring until the District Manager provides written direction that monthly sampling and reporting is no longer required;

(3) if over a period of twenty-four (24) months of effluent monitoring under Condition F4, there are no exceedances of the maximum concentration set out in the table for Concentration Objective, the Company may reduce the measurement frequency of effluent monitoring to a frequency as the District Manager may specify in writing, provided that the new specified frequency is never less than annual.

F5. The Company shall comply with the following methods and protocols for any sampling, analysis and recording undertaken in accordance with Condition F4:

(1) Ministry of the Environment and Climate Change publication "Protocol for the Sampling and Analysis of Industrial/ Municipal Wastewater", January 1999, as amended from time to time by more recently published editions; and

(2) the publication "Standard Methods for the Examination of Water and Wastewater", 21st edition, 2005, as amended from time to time by more recently published editions.

G – ENDANGERED SPECIES ACT REQUIREMENTS

G1. The Company shall ensure that activities requiring authorization under the *Endangered Species Act, 2007* will not commence until necessary authorizations are in place.

H – EMERGENCY RESPONSE AND COMMUNICATIONS PLAN

H1. The Company shall prepare an Emergency Response and Communications Plan to address each project phase (construction, operation and decommissioning) and shall include at a minimum the following information:

(1) Hazard identification and assessment;

(2) Communication system (including updated emergency contact information for the Company) and procedures;

(3) Administration of the plan (including roles and responsibilities, and emergency resources); and

(4) Emergency response procedures.

H2. The Company shall consult with the City of Windsor, Your Quick Gateway (Windsor) Inc., and any relevant authorities about the content of the plan and consider any comments received.

H3. The Company shall finalize the plan prior to the commencement of construction.

I – TRAFFIC MANAGEMENT PLANNING

I1. Prior to commencement of construction of the Facility, the Company shall prepare a Traffic Management Plan and provide it to the City of Windsor.

J – AIRPORT ITEMS

J1. Should Your Quick Gateway (Windsor) Inc. or Transport Canada determine that a plan of construction operation (PCO) is required for any part of the Facility, the Company shall not erect the part of the Facility requiring a PCO until the required PCO has been approved by the Federal Minister of Transport.

J2. Notwithstanding Conditions J1, the Company shall not erect any required part of the Facility mentioned in Conditions J1 until the Company submits the approved permit/authorization mentioned in Conditions J1 to the Director.

J3. The Company shall address all comments or concerns, if any, identified by NAV Canada pursuant to NAV Canada's land use program process, to the satisfaction of NAV Canada.

J4. Prior to erection of the communications tower, the Company shall submit an aeronautical assessment form to Transport Canada, if required by Transport Canada. The Company shall address all comments or concerns, if any, identified by Transport Canada pursuant to the submission of the above-mentioned aeronautical assessment form, to the satisfaction of Transport Canada.

J5. If the Company receives a concern from NAV Canada or Transport Canada related to the Facility, the Company shall notify the Director within one (1) business day of the receipt of the concern raised. The Company shall provide the Director with details regarding the concern raised and a description of the measures to be taken to address the concern.

K – ARCHAEOLOGICAL RESOURCES

K1. The Company shall implement all of the recommendations, if any, for further archaeological fieldwork and for the protection of archaeological sites found in the consultant archaeologist's report included in the Application, and which the Company submitted to the Ministry of Tourism, Culture and Sport in order to comply with O. Reg. 359/09.

K2. Should any previously undocumented archaeological resources be discovered, the Company shall:

(1) cease all alteration of the area in which the resources were discovered immediately;

(2) engage a consultant archaeologist to carry out the archaeological fieldwork necessary to further assess the area and to either protect and avoid or excavate any sites in the area in accordance with the *Ontario Heritage Act* , the regulations under that act and the Ministry of Tourism, Culture and Sport's *Standards and Guidelines for Consultant Archaeologists* ; and

(3) notify the Director as soon as reasonably possible.

L – OPERATION AND MAINTENANCE

L1. Prior to the commencement of the operation of the Facility, the Company shall prepare a written manual for use by Company staff outlining the operating procedures and a maintenance program for the Equipment that includes as a minimum the following:

(1) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;

(2) emergency procedures;

(3) procedures for any record keeping activities relating to operation and maintenance of the Equipment; and

(4) all appropriate measures to minimize noise emissions from the Equipment.

L2. The Company shall:

(1) update, as required, the manual described in Condition L1; and

(2) make the manual described in Condition L1 available for review by the Ministry upon request.

L3. The Company shall ensure that the Facility is operated and maintained in accordance with the Approval and the manual described in Condition L1.

M – RECORD CREATION AND RETENTION

M1. The Company shall create written records consisting of the following:

(1) an operations log summarizing the operation and maintenance activities of the Facility;

(2) within the operations log, a summary of routine and Ministry inspections of the Facility; and

(3) a record of any complaint alleging an Adverse Effect caused by the construction, installation, use, operation, maintenance or retirement of the Facility.

M2. A record described under Condition M1(3) shall include:

(1) a description of the complaint that includes as a minimum the following:

(a) the date and time the complaint was made;

(b) the name, address and contact information of the person who submitted the complaint.

(2) a description of each incident to which the complaint relates that includes as a minimum the following:

(a) the date and time of each incident;

(b) the duration of each incident;

(c) the ID of the Equipment involved in each incident and its output at the time of each incident;

(d) the location of the person who submitted the complaint at the time of each incident.

(3) a description of the measures taken to address the cause of each incident to which the complaint relates and to prevent a similar occurrence in the future.

M3. The Company shall retain, for a minimum of five (5) years from the date of their creation, all records described in Condition M1, and make these records available for review by the Ministry upon request.

N – NOTIFICATION OF COMPLAINTS

N1. The Company shall notify the District Manager of each complaint within two (2) business days of the receipt of the complaint.

N2. The Company shall provide the District Manager with the written records created under Condition M2 within eight (8) business days of the receipt of the complaint.

N3. If the Company receives a complaint related to groundwater, the Company shall contact the District Manager within one (1) business day of the receipt of the complaint to discuss appropriate measures to manage any potential groundwater issues.

O – CHANGE OF OWNERSHIP

O1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes:

(1) the ownership of the Facility;

(2) the operator of the Facility;

(3) the address of the Company;

(4) the partners, where the Company is or at any time becomes a partnership and a copy of the most recent declaration filed under the *Business Names Act* , R.S.O. 1990, c.B.17, as amended, shall be included in the notification; and

(5) the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act* , R.S.O. 1990, c. C.39, as amended, shall be included in the notification.

SCHEDULE A

Facility Description

The Facility shall consist of the construction, installation, operation, use and retiring of the following:

(a) Thirty-One (31) unit blocks of photovoltaic (PV) modules or panels, each containing one (1) cluster consisting of two (2) 800 kW inverters and one (1) 1.6-MVA transformer, and three (3) unit blocks of PV modules or panels, each containing one (1) cluster consisting of one (1) 800 kW inverter and one (1) 0.8-MVA transformer with a total name plate capacity of up to approximately 50 megawatts (AC); and

(b) associated ancillary equipment, systems and technologies including, but not limited to: one (1) 55 MVA transformer substation, one (1) 10 MVAR DSTATCOM, one (1) 26 MVAR line reactor, on-site access roads, below and above grade cabling, and below grade distribution lines,

all in accordance with the Application.

SCHEDULE B

Table B1: Coordinates of the Equipment and Noise Specifications

Coordinates of the Equipment are listed below in UTM, Z17-NAD83 projection:

Source ID	Sound Power Level (dBA)	Easting (m)	Northing (m)	Source Description
MVO1	**97.3**	341190	4683454	0.8 MW Inverter 01, See Table B2 below
MVO2	**100.3**	341384	4683241	1.6 MW Inverter O2, See Table B3 below
MVO3	**100.3**	341162	4683301	1.6 MW Inverter O3, See Table B3 below
MVO4	**100.3**	341243	4683121	1.6 MW Inverter O4, See Table B3 below
MVO5	**100.3**	340961	4683215	1.6 MW Inverter O5, See Table B3 below
MVO6	**100.3**	341040	4683035	1.6 MW Inverter O6, See Table B3 below
MVO7	**100.3**	341097	4682905	1.6 MW Inverter O7, See Table B3 below
MVO8	**100.3**	340768	4683215	1.6 MW Inverter O8, See Table B3 below
MVO9	**100.3**	340846	4683035	1.6 MW Inverter O9, See Table B3 below
MV10	**100.3**	340714	4682895	1.6 MW Inverter 10, See Table B3 below
MV11	**100.3**	340653	4683035	1.6 MW Inverter 11, See Table B3 below
MV12	**100.3**	340384	4682822	1.6 MW Inverter 12, See Table B3 below
MV13	**100.3**	340329	4682947	1.6 MW Inverter 13, See Table B3 below
MV14	**100.3**	340175	4682817	1.6 MW Inverter 14, See Table B3 below
MV16	**100.3**	340379	4682628	1.6 MW Inverter 16, See Table B3 below
MV17	**100.3**	340368	4682375	1.6 MW Inverter 17, See Table B3 below
MV18	**100.3**	340165	4682438	1.6 MW Inverter 18, See Table B3 below
MV19	**100.3**	340243	4682258	1.6 MW Inverter 19, See Table B3 below
MV20	**100.3**	339960	4682568	1.6 MW Inverter 20, See Table B3 below
MV21	**100.3**	340011	4682348	1.6 MW Inverter 21, See Table B3 below
MV22	**100.3**	340089	4682168	1.6 MW Inverter 22, See Table B3 below
MV23	**97.3**	340280	4682064	0.8 MW Inverter 23, See Table B2 below
MV24	**100.3**	339817	4682348	1.6 MW Inverter 24, See Table B3 below
MV25	**100.3**	339896	4682168	1.6 MW Inverter 25, See Table B3 below
MV26	**100.3**	339961	4682018	1.6 MW Inverter 26, See Table B3 below
MV27	**100.3**	339702	4682168	1.6 MW Inverter 27, See Table B3 below
MV28	**100.3**	339781	4681988	1.6 MW Inverter 28, See Table B3 below
MV29	**100.3**	339469	4682258	1.6 MW Inverter 29, See Table B3 below
MV30	**97.3**	339709	4681843	0.8 MW Inverter 30, See Table B2 below
MV32	**100.3**	339876	4681731	1.6 MW Inverter 32, See Table B3 below
MV33	**100.3**	340083	4681801	1.6 MW Inverter 33, See Table B3 below
MV34	**100.3**	340267	4681863	1.6 MW Inverter 34, See Table B3 below
MV35	**100.3**	340435	4681923	1.6 MW Inverter 35, See Table B3 below
MV36	**100.3**	340021	4682765	1.6 MW Inverter 36, See Table B3 below
MVO1T	**86.2**	341198	4683458	0.8 MVA Transformer 01, See Table B4 below
MVO2T	**91.1**	341387	4683232	1.6 MVA Transformer 02, See Table B5 below

Table B1: Coordinates of the Equipment and Noise Specifications (continued)

Source ID	Sound Power Level (dBA)	Easting (m)	Northing (m)	Source Description
MVO3T	**91.1**	341166	4683292	1.6 MVA Transformer 03, See Table B5 below
MVO4T	**91.1**	341246	4683112	1.6 MVA Transformer 04, See Table B5 below
MVO5T	**91.1**	340965	4683207	1.6 MVA Transformer 05, See Table B5 below
MVO6T	**91.1**	341044	4683027	1.6 MVA Transformer 06, See Table B5 below
MVO7T	**91.1**	341100	4682897	1.6 MVA Transformer 07, See Table B5 below
MVO8T	**91.1**	340771	4683207	1.6 MVA Transformer 08, See Table B5 below
MVO9T	**91.1**	340850	4683027	1.6 MVA Transformer 09, See Table B5 below
MV10T	**91.1**	340718	4682887	1.6 MVA Transformer 10, See Table B5 below
MV11T	**91.1**	340657	4683027	1.6 MVA Transformer 11, See Table B5 below
MV12T	**91.1**	340387	4682814	1.6 MVA Transformer 12, See Table B5 below
MV13T	**91.1**	340325	4682955	1.6 MVA Transformer 13, See Table B5 below
MV14T	**91.1**	340171	4682825	1.6 MVA Transformer 14, See Table B5 below
MV16T	**91.1**	340376	4682636	1.6 MVA Transformer 16, See Table B5 below
MV17T	**91.1**	340371	4682367	1.6 MVA Transformer 17, See Table B5 below
MV18T	**91.1**	340161	4682446	1.6 MVA Transformer 18, See Table B5 below
MV19T	**91.1**	340240	4682266	1.6 MVA Transformer 19, See Table B5 below
MV20T	**91.1**	339968	4682570	1.6 MVA Transformer 20, See Table B5 below
MV21T	**91.1**	340007	4682356	1.6 MVA Transformer 21, See Table B5 below
MV22T	**91.1**	340086	4682176	1.6 MVA Transformer 22, See Table B5 below
MV23T	**86.2**	340272	4682061	0.8 MVA Transformer 23, See Table B5 below
MV24T	**91.1**	339814	4682356	1.6 MVA Transformer 24, See Table B5 below
MV25T	**91.1**	339892	4682176	1.6 MVA Transformer 25, See Table B5 below
MV26T	**91.1**	339958	4682026	1.6 MVA Transformer 26, See Table B5 below
MV27T	**91.1**	339699	4682176	1.6 MVA Transformer 27, See Table B5 below
MV28T	**91.1**	339777	4681996	1.6 MVA Transformer 28, See Table B5 below
MV29T	**91.1**	339466	4682266	1.6 MVA Transformer 29, See Table B5 below
MV30T	**86.2**	339700	4681841	0.8 MVA Transformer 30, See Table B4 below
MV32T	**91.1**	339879	4681722	1.6 MVA Transformer 32, See Table B5 below
MV33T	**91.1**	340087	4681792	1.6 MVA Transformer 33, See Table B5 below
MV34T	**91.1**	340264	4681872	1.6 MVA Transformer 34, See Table B5 below
MV35T	**91.1**	340431	4681932	1.6 MVA Transformer 35, See Table B5 below
MV36T	**91.1**	340018	4682773	1.6 MVA Transformer 36, See Table B5 below
TRS	**111.8**	341231	4683532	55 MVA Transformer Substation, See Table B6 below
DSTAT	**96.6**	341209	4683541	10 MVAR DSTATCOM Inverter System, See Table B7 below
LR	**82.0**	341177	4683522	26 MVAR Line Reactor, See Table B8 below

Table B2: Maximum Sound Power Spectrum (dBLin) of 0.8 MW Inverter

Inverters MV01, MV23 and MV30	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	89.1	86.7	88.2	88.3	82.7	86.4	95.0	84.4

Table B3: Maximum Sound Power Spectrum (dBLin) of 1.6 MW Inverter (unit with two 0.8 MW Inverters)

Inverters MV02-MV14, MV16-MV22, MV24-MV29 and MV32-MV36	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	92.1	89.7	91.2	91.3	85.7	89.4	98.0	87.4

Table B4: Maximum Sound Power Spectrum (dBLin) of 0.8 MVA Inverter Transformer

Inverter Transformers MV01T, MV23T and MV30T	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	88.8	90.9	85.9	85.9	79.8	74.8	69.8	62.9

Table B5: Maximum Sound Power Spectrum (dBLin) of 1.6 MVA Inverter Transformer

Inverter Transformers MV02T-MV14T, MV16T-MV22T, MV24T-MV29T and MV32T-MV36T	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	93.7	95.7	90.7	90.7	84.7	79.7	74.7	67.7

Table B6: Maximum Sound Power Spectrum (dBLin) of 55 MVA Transformer Substation

55 MVA Transformer Substation	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	114.4	116.4	111.4	111.4	105.4	100.4	95.4	88.4

Table B7: Maximum Sound Power Spectrum (dBLin) of 10 MVAR DSTATCOM Inverter System

10 MVAR DSTATCOM Inverter System	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	93.0	111.0	95.0	91.0	80.0	74.0	84.0	74.0

Table B8: Maximum Sound Power Spectrum (dBLin) of 26 MVAR Line Reactor

26 MVAR Line Reactor	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	84.6	86.6	81.6	81.6	75.6	70.6	65.6	58.6

Note: The inverters, transformers, transformer substation, DSTATCOM inverters system and line reactor Sound Power Level values in the above tables include the 5 Decibel (dB) adjustments for tonality as prescribed in Publication NPC-104.

The reasons for the imposition of these terms and conditions are as follows:

1. Conditions A1 and A2 are included to ensure that the Facility is constructed, installed, used, operated, maintained and retired in the manner in which it was described for review and upon which Approval was granted. These conditions are also included to emphasize the precedence of conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.

2. Conditions A3 and A4 are included to require the Company to provide information to the public and the local municipality.

3. Conditions A5, A6, and A8 are included to ensure that final retirement of the Facility is completed in an aesthetically pleasing manner, in accordance with Ministry standards, and to ensure long-term protection of the health and safety of the public and the environment.

4. Condition A7 is included to require the Company to inform the Ministry of the commencement of activities related to the construction, installation and operation of the Facility.

5. Condition B is intended to limit the time period of the Approval.

6. Conditions C1 and C2 are included to provide the minimum performance requirement considered necessary to prevent an Adverse Effect resulting from the operation of the Equipment and to ensure that the noise emissions from the Equipment will be in compliance with applicable limits set in Publication NPC-300.

7. Conditions C3 and C4 are included to ensure that the Equipment is constructed, installed, used, operated, maintained and retired in a way that meets the regulatory setback prohibitions set out in O. Reg. 359/09.

8. Conditions D, E1, E2, E3, E4, F, G, H, I, and J are included to ensure that the Facility is constructed, installed, used, operated, maintained and retired in a way that does not result in an Adverse Effect or hazard to the natural environment or any persons.

9. Conditions E5, E6, E7, and E8 are included as installation, regular inspection and maintenance of the temporary erosion and sediment control measures are required to mitigate the impact on the environment during construction until they are no longer required.

10. Condition K is included to protect archaeological resources that may be found at the project location.

11. Condition L is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, O. Reg. 359/09 and this Approval.

12. Condition M is included to require the Company to keep records and provide information to the Ministry so that compliance with the Act, O. Reg. 359/09 and this Approval can be verified.

13. Condition N are included to ensure that any complaints regarding the construction, installation, use, operation, maintenance or retirement of the Facility are responded to in a timely and efficient manner.

14. Condition O is included to ensure that the Facility is operated under the corporate name which appears on the application form submitted for this Approval and to ensure that the Director is informed of any changes.

NOTICE REGARDING HEARINGS

In accordance with Section 139 of the Environmental Protection Act, within 15 days after the service of this notice, you may by further written notice served upon the Director, the Environmental Review Tribunal and the Environmental Commissioner, require a hearing by the Tribunal.

In accordance with Section 47 of the Environmental Bill of Rights, 1993, the Environmental Commissioner will place notice of your request for a hearing on the Environmental Registry.

Section 142 of the Environmental Protection Act provides that the notice requiring the hearing shall state:

1. The portions of the renewable energy approval or each term or condition in the renewable energy approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The signed and dated notice requiring the hearing should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The renewable energy approval number;
6. The date of the renewable energy approval;
7. The name of the Director;
8. The municipality or municipalities within which the project is to be engaged in;

This notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director
Section 47.5, *Environmental Protection Act*
Ministry of the Environment and Climate Change
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

Under Section 142.1 of the Environmental Protection Act, residents of Ontario may require a hearing by the Environmental Review Tribunal within 15 days after the day on which notice of this decision is published in the Environmental Registry. By accessing the Environmental Registry at www.ebr.gov.on.ca , you can determine when this period ends.

Approval for the above noted renewable energy project is issued to you under Section 47.5 of the

Environmental Protection Act subject to the terms and conditions outlined above.

DATED AT TORONTO this 11th day of September, 2015

Mansoor Mahmood, P.Eng.
Director
Section 47.5, *Environmental Protection Act*

MM/
c: Area Manager, MOECC Windsor
c: District Manager, MOECC Sarnia
Michael Enright, Dillon Consulting Limited

APPENDIX B

Agency Correspondence

March 28, 2016

DILLON CONSULTING

235 Yorkland Blvd.
Suite 800
Toronto, Ontario
Canada
M2J 4Y8
Telephone
416.229.4646
Fax
416.229.4692

Ms. Sarah Paul
Director, Environmental Approvals Access and Service Integration Branch
Ministry of the Environment and Climate Change
135 St. Clair Avenue West, 1st Floor
Toronto, ON M4V 1P5

RE: WINDSOR SOLAR PROJECT REA AMENDMENT LETTER

Dear Ms. Paul:

Windsor Solar LP is proposing to develop, construct and operate the Windsor Solar Project. A Renewable Energy Approval (REA) application was submitted for this project comprised of the solar project location and all project details. An REA was granted by the Ministry of the Environment and Climate Change (MOECC) on September 11, 2015 (**REA #8284-9ZGNBN**).

Since the initial application, some revisions to the layout of the facility have been identified to improve the efficiency and layout of the Project. This letter provides an overview of amendments proposed for the Windsor Solar Project, which we believe is to be a technical change amendment under REA. We are seeking confirmation that the following potential amendments are considered technical changes by the MOECC. Upon confirmation, it is anticipated that a formal *Modifications Document to the Windsor Solar Projec*t will be submitted for review to the MOECC. We understand the review and acceptance of this letter will take between 2-3 business days.

The amended design layout for the Windsor Solar Project maintains all components of the facility within the original boundaries of the project location as outlined in the original REA application (see attached figure). The footprint of the project components has been reduced within the permitted project location boundary. No environmental effects are anticipated that were not previously discussed as part of the REA application.

The following are anticipated potential technical changes to the Windsor Solar Project. These, as well as other related technical changes, will be detailed in the *Modifications Document* to be submitted to the MOECC.

…cont'd

1. Reduction in the total number of project components, including panel modules, MV Stations, access roads, and removal of the Communications Tower;
2. Reconfiguration of area and location of temporary construction laydown areas;
3. Reconfiguration of project components including internal access roads, panel modules, and MV Stations resulting in a revised *Stormwater Management Report*; and
4. Reduction in the total number of MV Stations and reconfiguration of MV Stations, DSTATCOM and Line Reactor resulting in a revised *Noise Study Report.* We note that the reconfiguration of the noise components will not affect the compliance of the facility with the MOECC's noise criterion of 40 dBA. The noise levels at receptors in and around the project location will be in compliance with the 40 dBA threshold.

Based on our review of the above proposed changes, further consultation with the Ministry of Natural Resources and Forestry (MNRF) is not warranted as part of the technical change amendment process. The MNRF confirmed the original Natural Heritage Assessment (NHA) on October 31, 2014, with an addendum issued by the MOECC on November 27, 2014. As the final design for this project does not exceed the original project location boundary (and in fact, has a reduced footprint), no amendments to the NHA are required. The MNRF will be included in the stakeholder notice provided as part of this amendment process and is copied on this letter. Should any correspondence arise, it will be included in the REA Modifications Document and/or forwarded to the MOECC.

Similar to the above, further consultation is not warranted with the Ministry of Tourism, Culture and Sport (MTCS) as part of the minor amendment process. As the final design does not exceed the original project location boundary (and in fact, has a reduced footprint), no amendments to the Archaeological Assessments or Cultural Heritage Assessment Report are required. The MTCS will be included in the stakeholder notice provided as part of this amendment process and is copied on this letter. Should any correspondence arise, it will be included in the REA Modifications Document and/or forwarded to the MOECC.

…cont'd

We trust the above summary contains sufficient information to confirm that the proposed changes to the above referenced REA are considered minor. If additional information or clarification is required, please do not hesitate to contact me.

Yours sincerely,

Dillon Consulting Limited

Megan Bellamy

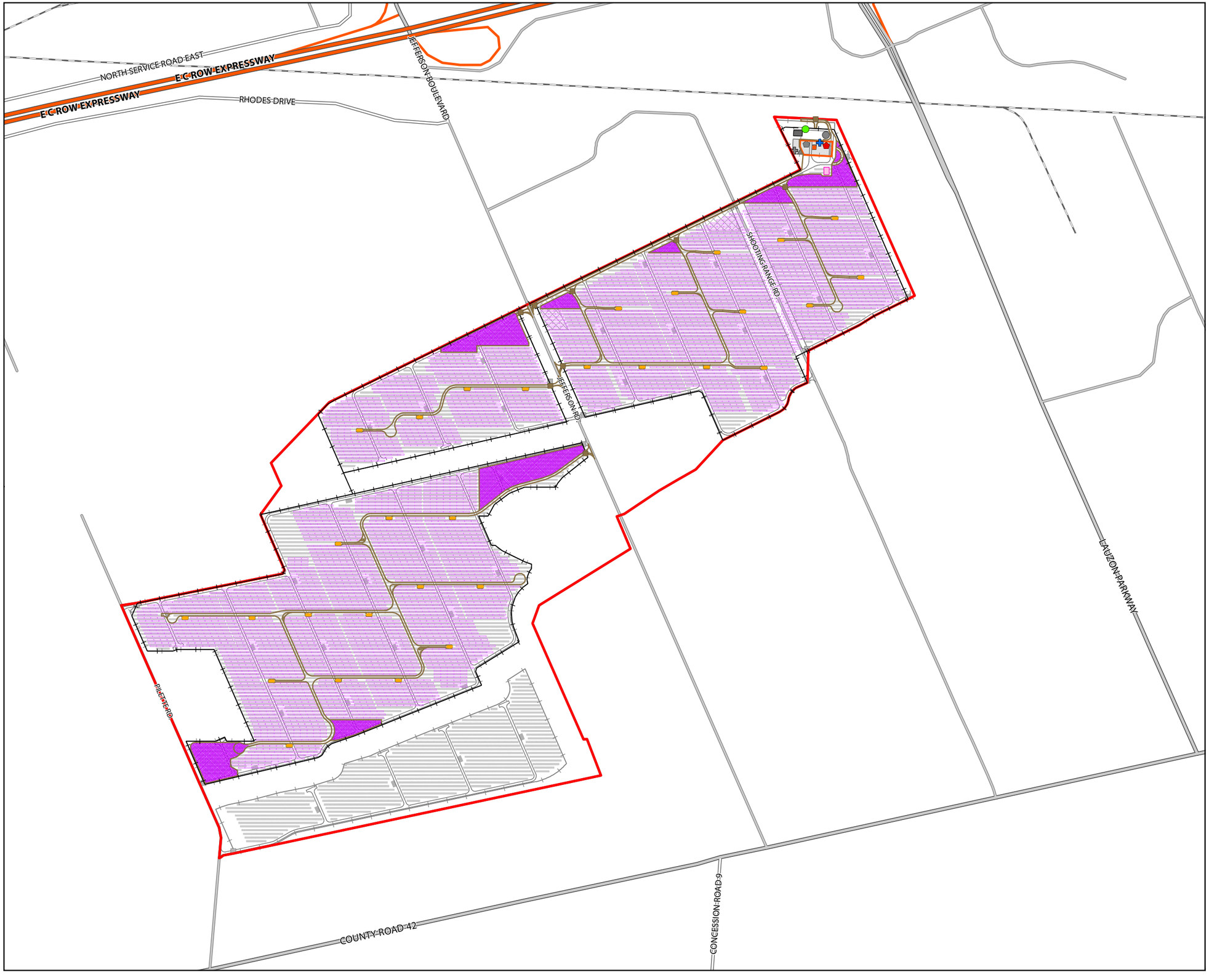
Megan Bellamy, M.R.E.M.
Associate

Attachments: Figure 1: Comparison of Project Layouts

Our File: 16-3527-1000

Copies to:

Nick Colella, Project Evaluator (MOECC)
Chris Mahood, Heritage Planner (MTCS)
Ian Hember, Archaeological Review Officer (MTCS)
Clairissa Myschowoda, Renewable Energy Program Coordinator (MNRF)
Mohsen Keyvani, Director, Section 47.5 *Environmental Protection Act* (MOECC)



WINDSOR SOLAR PROJECT

COMPARISON OF PROJECT LAYOUTS

Final Project Components

- Line Reactor
- DSTATCOM
- Gate
- Point of Common Coupling
- Access Road
- Fence
- Temporary Laydown Area
- Project Location Boundary
- MV Station
- Solar Panel
- Substation Yard
- Operations & Maintenance Building

Preliminary Project Components

- Gate
- Communication Tower
- DSTATCOM
- Line Reactor
- Point of Common Coupling
- Fence
- Solar Panel
- Access Road
- Operations & Maintenance Building
- MV Station
- Substation Transformer
- Substation Yard
- Temporary Laydown Area
- Project Location Boundary

1:10,000

0 50 100 200 300 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

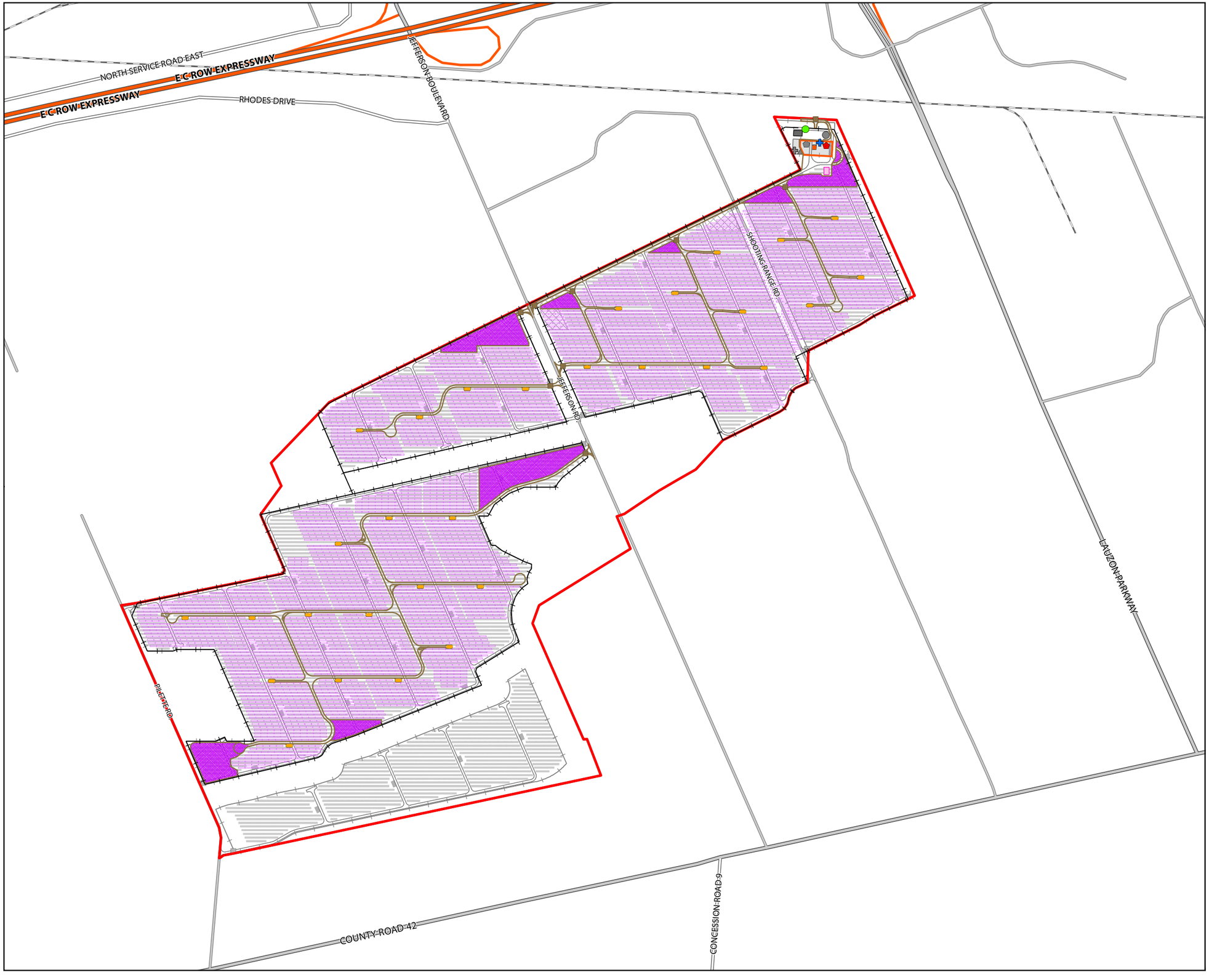
FILE LOCATION: I:\GIS\149152 - Samsung Windsor\mxd\dor\

DILLON CONSULTING

PROJECT: 149152
STATUS: DRAFT
DATE: 3/28/2016

APPENDIX C

Project Layout



WINDSOR SOLAR PROJECT

COMPARISON OF PROJECT LAYOUTS

Final Project Components

- Line Reactor
- DSTATCOM
- Gate
- Point of Common Coupling
- Access Road
- Fence
- Temporary Laydown Area
- Project Location Boundary
- MV Station
- Solar Panel
- Substation Yard
- Operations & Maintenance Building

Preliminary Project Components

- Gate
- Communication Tower
- DSTATCOM
- Line Reactor
- Point of Common Coupling
- Fence
- Solar Panel
- Access Road
- Operations & Maintenance Building
- MV Station
- Substation Transformer
- Substation Yard
- Temporary Laydown Area
- Project Location Boundary

1:10,000

0 50 100 200 300 m

N W E S

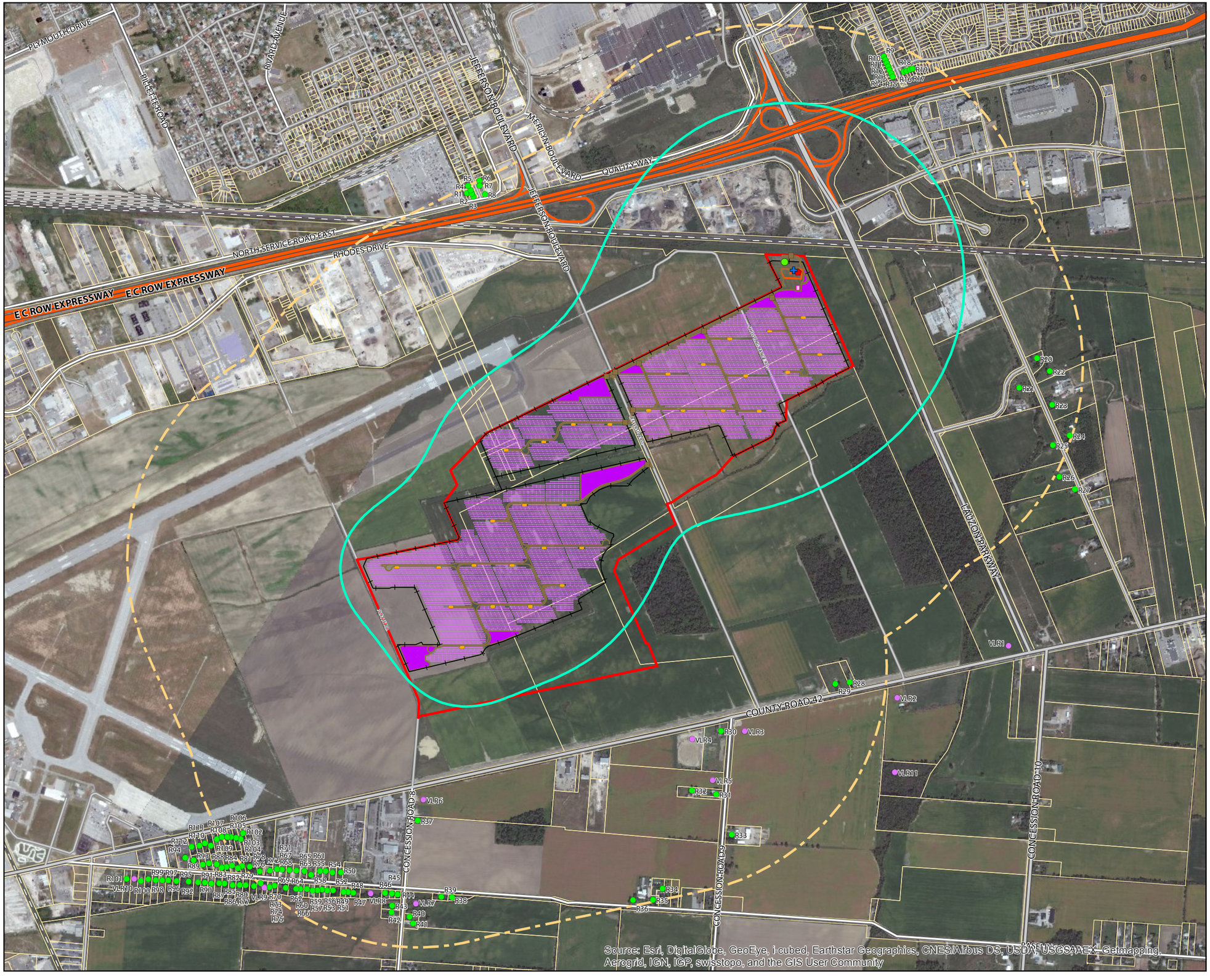
MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149152 - Samsung Windsor\mxd\dor\

DILLON CONSULTING

PROJECT: 149152
STATUS: DRAFT
DATE: 3/28/2016



WINDSOR SOLAR PROJECT

FIGURE 4
PREDICTED NOISE LEVEL CONTOURS AT 1.5 M HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 1.5 m Height
- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
- Substation Transformer
- Operations and Maintenance Building
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

1:16,000

0 50 100 200 300 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149152 - Samsung Windsor\mxd\Noise\

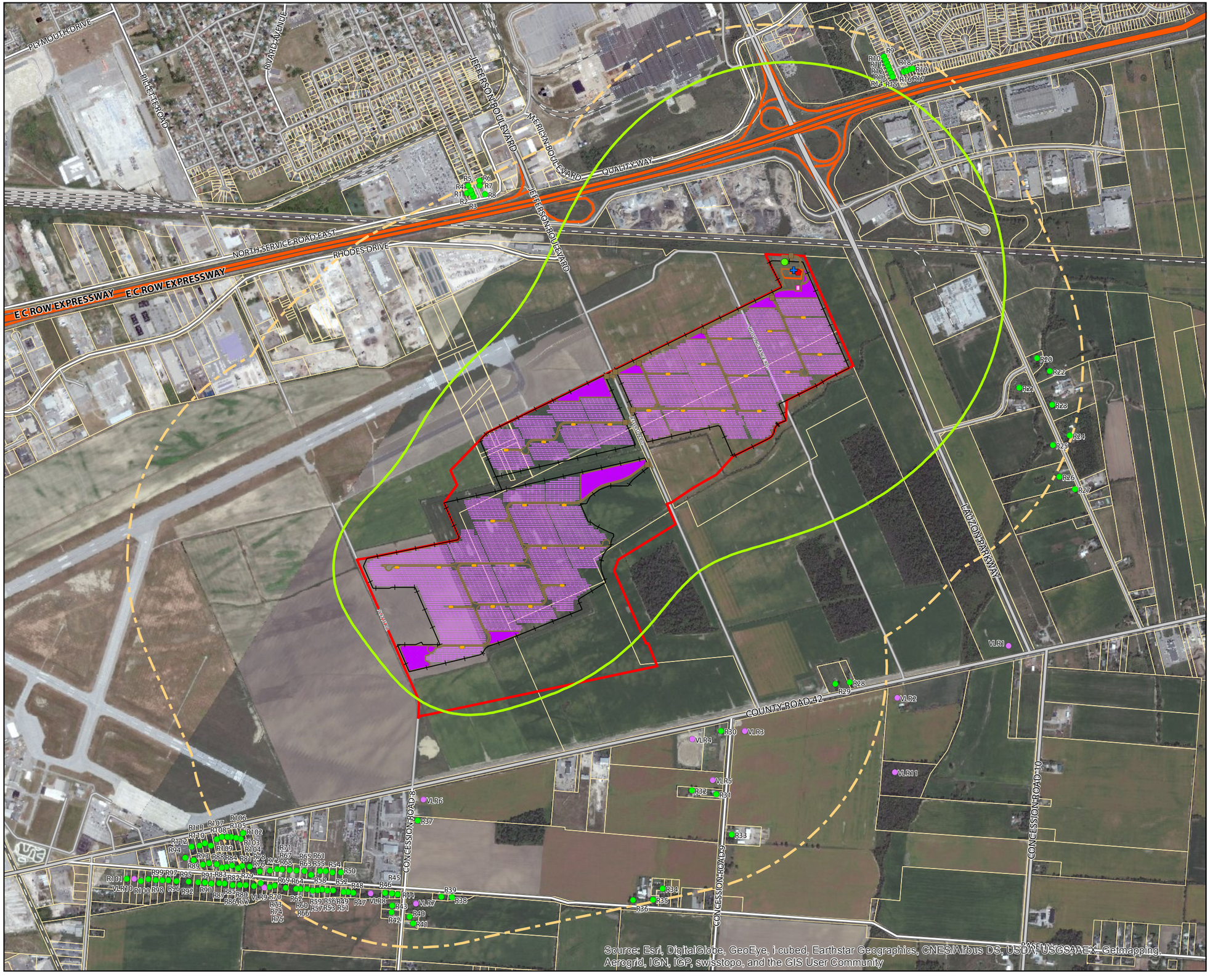
DILLON CONSULTING

PROJECT: 149152

DATE: 4/7/2016

WINDSOR SOLAR PROJECT

FIGURE 5
PREDICTED NOISE LEVEL CONTOURS AT 4.5 M HEIGHT



- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 4.5 m Height
- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
- Substation Transformer
- Operations and Maintenance Building
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

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0 50 100 200 300 m

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WINDSOR SOLAR PROJECT

FIGURE 4
PREDICTED NOISE LEVEL CONTOURS AT 1.5 M HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 1.5 m Height
- Fence
- Operations & Maintenance Building
- MV Station
- Substation Transformer
- Substation Yard
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

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DATE: 3/13/2015

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

WINDSOR SOLAR PROJECT

FIGURE 5
PREDICTED NOISE LEVEL CONTOURS AT 4.5 M HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 4.5 m Height
- Fence
- Operations & Maintenance Building
- MV Station
- Substation Transformer
- Substation Yard
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

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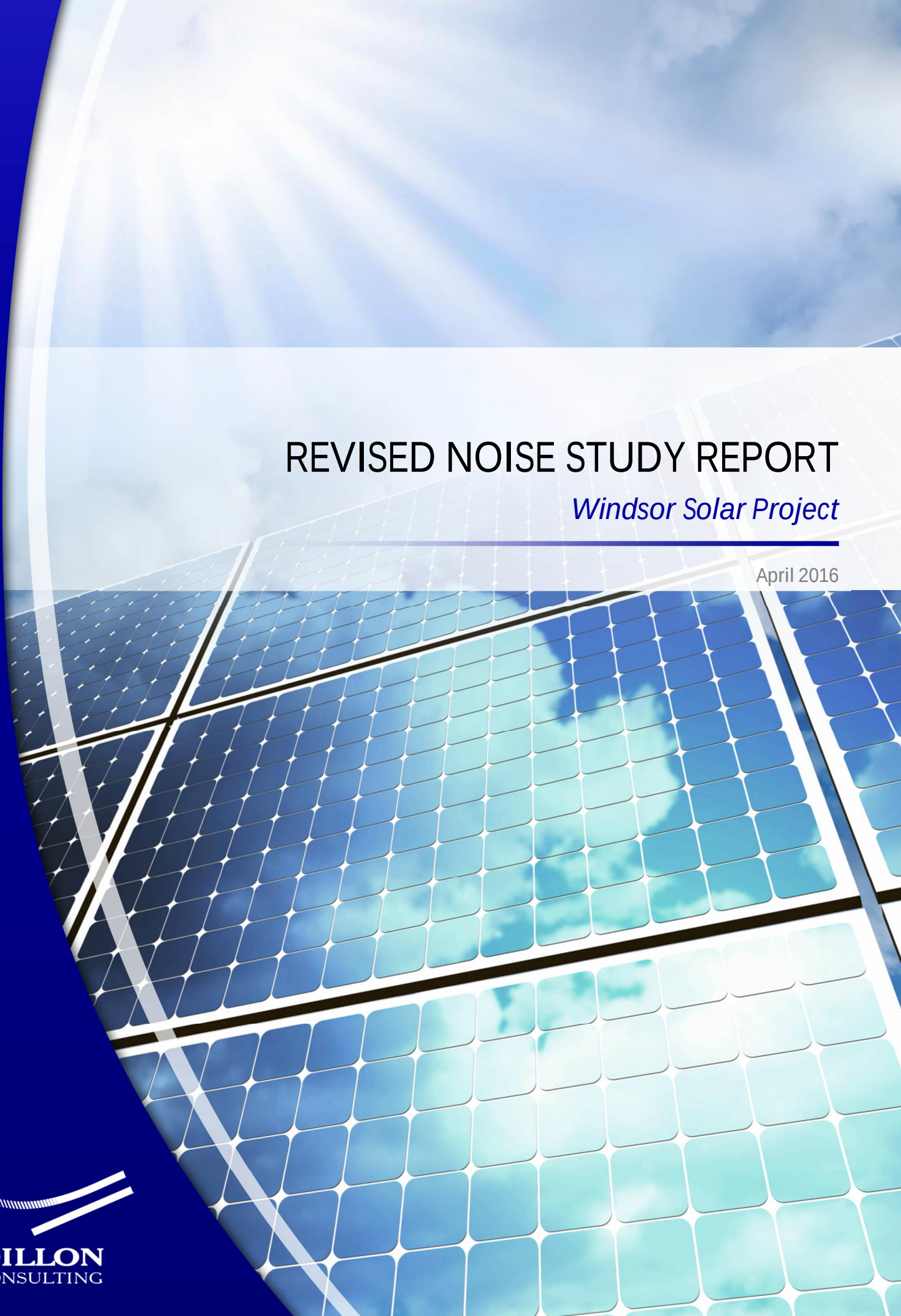
APPENDIX D

Noise Study Report

REVISED NOISE STUDY REPORT

Windsor Solar Project

April 2016



DILLON CONSULTING

Executive Summary

Windsor Solar LP proposes to develop a solar facility with a maximum name plate capacity of 50 megawatts alternating current (MWac), located on the Windsor International Airport property in the City of Windsor, Ontario. The renewable energy facility will be known as the Windsor Solar Project.

The proposed project will have approximately 190,000 to 195,000 solar panels of between 305 - 315 watts (DC) each, and thirty (30) Medium Voltage (MV) Stations, each consisting of two (2) 800 kW inverters and one (1) MV transformer with a capacity rating of 1600 kilovolt-amperes (KVA). The facility will also have a 34.5 kV, 55 MVA (max) high-voltage (HV) substation transformer, a Distributed STATic COMpensator (DSTATCOM) inverter system and a line (or shunt) reactor.

This revised Noise Study Report has been prepared as supporting documentation for an amendment to the Renewable Energy Approval [No. 8284-9ZGNBN], issued September 11, 2015. The proposed changes to the facility that are assessed in this report are as follows:

- A final pre-construction site layout consisting of thirty (30) MV stations, each with two (2) inverters and a 1.6 MVA step-up transformer;
- Use of noise specifications for a 55 MVA Virginia Transformer Corporation (VTC) substation transformer, or equivalent; and,
- Replacing of the Line Reactor (26 MVAR) with different type of a reactor known as Shunt Reactor rated at 7.5 MVAR.

This report confirms that with the implementation of the above-mentioned changes, the proposed facility and all the noise sources and their relevant specifications presented in this report, will comply with the Class 3 (rural) Area daytime and nighttime noise criteria, as defined in NPC-300.

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Appendix C: Traffic Noise Modelling

1. INTRODUCTION

Windsor Solar LP proposes to develop a solar facility with a maximum name plate capacity of 50 megawatts alternating current (MWac), located on the Windsor International Airport property in the City of Windsor, Ontario (Figure 1). The Windsor International Airport is owned by the City of Windsor and operated by Your Quick Gateway (Windsor) Inc. (YQG). The renewable energy facility will be known as the Windsor Solar Project (the "Project").

Windsor Solar LP has initiated the Project with the Independent Electricity System Operator (IESO).[1] The Project will require approval under *Ontario Regulation 359/09* under Part V.0.1 of the *Ontario Environmental Protection Act*. This Noise Study Report (NSR) documents the compliance of all existing noise sources at the Project with the applicable MOECC Publication *NPC-300 Environmental Noise Guideline's* limits for stationary sources.

This revised Noise Study Report has been prepared as supporting documentation for an amendment to the Renewable Energy Approval [No. 8284-9ZGNBN], issued September 11, 2015. The proposed changes to the facility that are assessed in this report are as follows:

- A final pre-construction site layout consisting of thirty (30) MV stations, each with two (2) inverters and a 1.6 MVA step-up transformer; ;
- Use of noise specifications for a 55 MVA Virginia Transformer Corporation (VTC) substation transformer, or equivalent; and,
- Replacing of the line reactor (26 MVAR) with different type of a reactor known as Shunt Reactor rated at 7.5 MVAR. The noise level for the new reactor will be 5 dB higher than the previously specified reactor. The source height for the new reactor will be approximately 3.8m less than the 26 MVAR line reactor.

[1] The IESO and Ontario Power Authority were merged as of January 1, 2015.

2. THE PROPONENT

Windsor Solar LP is coordinating and managing the approvals process for the Project. Windsor Solar LP is located at 2050 Derry Road, 2nd Floor, Mississauga, ON, L5N 0B9 (1-866-236-5040). Dillon Consulting Limited (Dillon) has been retained by Windsor Solar LP to prepare the REA application for the Project. The contact at Dillon is:

Full Name of Company:	*Dillon Consulting Limited*
Prime Contact:	*Megan Bellamy – Associate*
Address:	*1155 North Service Road West, Unit 14, Oakville, Ontario, L6M 3E3*
Telephone:	*(416) 229 – 4647 ext .2423*
Fax:	*(416) 229 – 4692*
Email:	*mbellamy@dillon.ca*

3. PROJECT LOCATION

The proposed Class 3 Solar Facility is to be located within the YQG, Windsor International Airport property, in the City of Windsor. The overall optioned lands available for development consist of approximately 175 hectares (432 acres) and the proposed Project Location is generally bounded by Rhodes Drive to the north, Division Road to the south, Lauzon Parkway to the east, and Walker Road to the west. Of the optioned lands, approximately 128.3 hectares (317 acres) will be occupied by components that make up the Project. The geographic coordinates of the centroid of the proposed Project Location are as follows:

- Latitude: 42° 16' 43.07" N
- Longitude: 82° 56' 9.56" W

Figure 1 shows the general location of the Project in Southwestern Ontario. The Project Location is defined in Ontario Regulation 359/09 to be "a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project". Figure 2 shows the proposed layout and location of all project components. Further information on facility components making up the Project Location is provided in Sections 4 and 5 of the Design and Operations Report.

WINDSOR SOLAR PROJECT

FIGURE 1
GENERAL PROJECT LOCATION

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PROJECT: 149152

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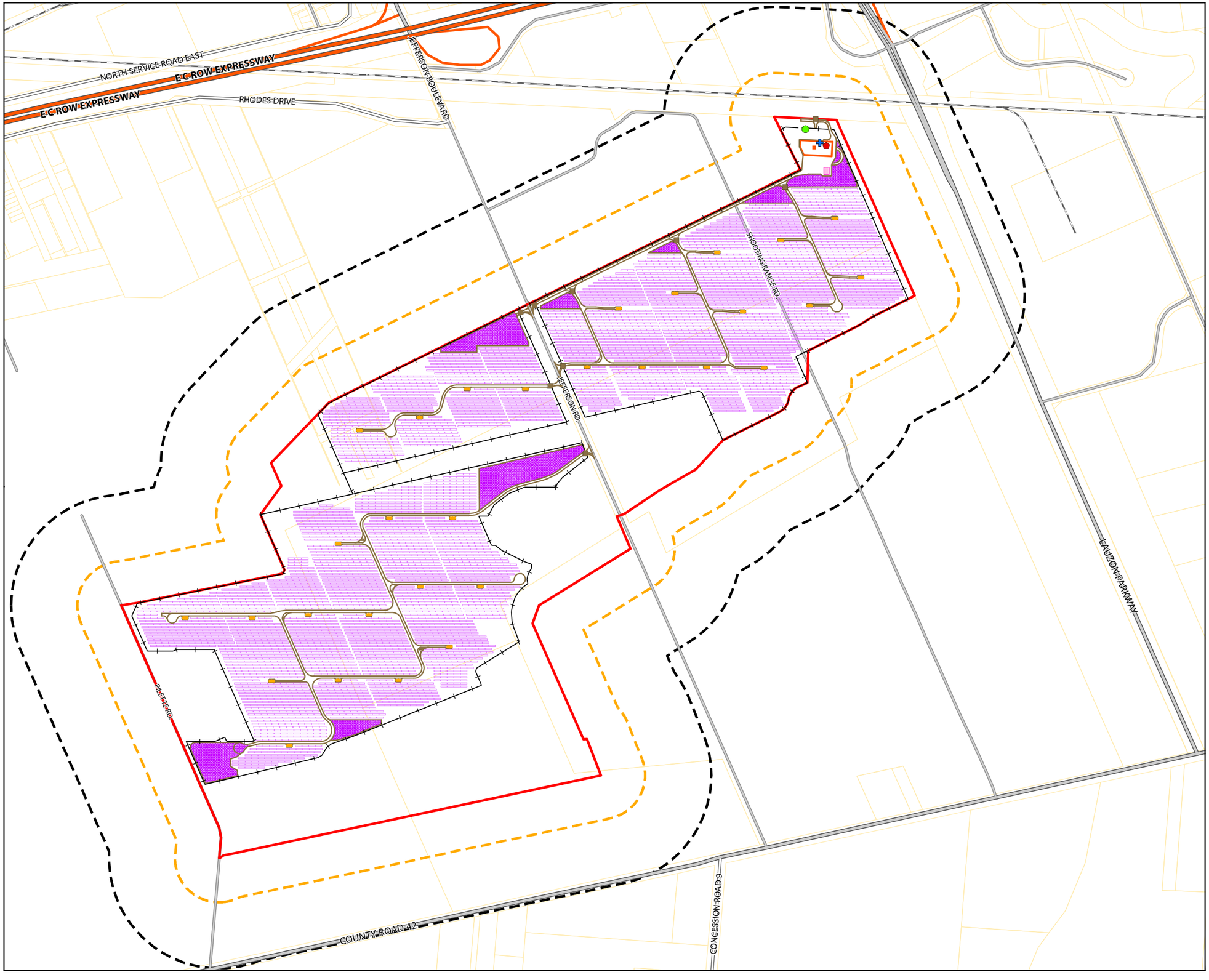

WINDSOR SOLAR PROJECT

FIGURE 2
SITE PLAN - CONCEPTUAL COMPONENT LAYOUT

- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
- Substation Transformer
- Operations and Maintenance Building
- Project Location Boundary
- Railway
- Project Location 120 m Setback
- Project Location 300 m Setback
- Parcel Boundary

Below-ground collection system will primarily follow Access Roads. Cabling will be installed through trenching, and directional drilling where required under Municipal Drains.

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PROJECT: 149152

DATE: 4/5/2016

4. OVERVIEW OF NOISE STUDY

4.1 Summary of Acoustic Environment & Applicable Noise Limits

The Project Location is designated "Airport" and "Future Employment Area" in the Official Plan and is adjacent to an "Open Space" designation in the southeast corner of the airport lands. In the general vicinity of the Airport, land use is governed Transport Canada's *Windsor Airport Zoning Regulations.*

In accordance with Ontario Regulation 359/09, Noise Study Reports are required for Class 3 solar facilities to be prepared in accordance with *Appendix A, Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA* to the 2004 MOECC Publication *Basic Comprehensive Certificates of Approval (Air & Noise) – User Guide.*

Based on the above, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 2 Area, as described in the Ontario Ministry of the Environment and Climate Change Noise Pollution Control Publication NPC-300. The Project Location and surrounding areas are in close proximity of the YQG, Windsor International Airport and are influenced by the noise from the Airport. In fact, most of the Project Location falls within the Airport's Noise Exposure Forecast (NEF) 25. The areas immediately north of the Airport are industrial lands with existing heavy industries such as quarry operations. Lower background noise levels consisting mainly of sounds of nature may be realized after 22:00 in areas to the south of the Project Location.

The site is also surrounded by well-travelled arterial roads, including, E.C. Row Highway to the north, Division Road to the south, Walker Road to the west and Lauzon Road to the east. As part of this noise study, a traffic noise modelling was undertaken for the nearby roads (i.e., E.C. Row, Division Road and Lauzon Road) where the clusters of receptors that are assessed in this study are located. The traffic noise modelling was completed for evening hours between 7pm and 9pm, when there is solar power generation during the summer season and the nighttime noise criterion is applicable. The results (see Appendix C) clearly indicate that with the exception of areas to the east, all other areas surrounding the project site are, at best, Class 2 Areas. The receptors to the east of the project site are greater than 500m from Lauzon Road and as such cannot be modelled using Ministry's traffic noise model, STAMSON. As such, for the purposes of this study, the east receptors were considered to be in a Class 3 (Rural) Area.

The NPC-300's Class 3 Area exclusionary limits of 45 dBA for daytime (07:00 to 19:00), 40 dBA for evening (19:00 to 23:00) and 40 dBA for night-time (23:00 to 07:00) were selected to represent the performance limits at noise-sensitive receptors to the east of the project site. The NPC-300's Class 2 Area exclusionary limits of 50 dBA for daytime, 50 dBA for evening and 45 dBA for night-time were selected to represent the performance limits at the rest of the noise-sensitive receptors for this project.

4.2 Statement of Compliance

The analysis presented in this report confirms that for all the noise sources and their relevant specifications presented in this report, the proposed Project complies with the applicable noise criteria as defined in NPC-300.

5. FACILITY DESCRIPTION

Approximately 190,000 to 195,000 solar panels of between 305 - 315 watts (DC) each will be installed for the Project. The estimated number of panels uses a conservative 1.2 DC to AC conversion rate. This results in a high-level estimate for the number of modules (panels) to be installed.

The panels will be aligned in rows approximately 10 m apart and will be mounted on 28 - 36 degree fixed tilt ground mounting system. Based on a geotechnical assessment, it is recommended that helical screw pier type foundations be used to support the PV racking configurations. Further details on the racking system and supporting structures are provided in the *Design and Operations Report*.

Solar panels create DC electricity, which is then converted to AC electricity through inverters. The AC voltage created by the inverters will be "stepped-up" to 34.5 kV at transformers located in multiple Medium Voltage (MV) Stations. An MV Station houses multiple components, including inverters and an MV transformer. A total of 30 MV Stations will be required for the Project. Each MV station will include two (2) 800 kW inverters and one (1) MV transformer with a capacity rating of 1600 kilovolt-amperes (KVA). The components that emit noise are as follows:

- Substation Transformer (Source ID: TRS)

One (1) 34.5 kV, 55 MVA (max) high-voltage (HV) substation transformer will be installed to step up the voltage for connection with the grid. The HV transformer will be a Virginia Transformer (VT) or equivalent, rated at 55 MVA. The noise spectrum calculations are based on manufacturer specifications and include a 5 dB tonal penalty across the octave spectrum.

- DSTATCOM Inverter System (Source ID: DSTAT)

The proposed Project will include one (1) Distributed STATic COMpensator (DSTATCOM) inverter system at the substation, which will maintain high MVAR output at depressed system voltages. Since the DSTATCOM can maintain constant current over its operating voltage range, the MVAR output of the system is linearly proportional to the system voltage. The DSTATCOM also has a short-term transient current rating, which allows it to provide even more MVAR to assist in the recovery of depressed voltages.

The DSTATCOM inverter system includes four (4) inverter blocks which are mounted in a single self-standing frame and are enclosed in a steel container (DSTATCOM container). Each inverter has its own controls, circuit breaker and a small AC filter used to eliminate any high-frequency harmonic voltages in the output of the PWM waveform coming from the inverter. Each inverter is connected to a 2.5 MVA pad-mounted transformer (a total of four transformers per DSTATCOM inverter system). The DSTATCOM system has a power rating of 10 MVAR.

The noise data for the DSTATCOM inverter system was obtained from HGC Engineering report, dated October 21, 2013. A copy of the report is provided in *Appendix A*. Conservatively, noise data for the higher powered system (i.e., 10 MVAR) was used for the DSTATCOM system.

- Reactor (Source ID: LR)

The high-voltage substation also includes one (1) 3-phase reactor (Shunt Reactor) with a max power rating of 7.5 MVAR. This reactor will replace the previously approved 26 MVAR line reactor. The function of the shunt reactor is to compensate the capacitive reactive power of the system by absorbing reactive power, and thus improving the stability and efficiency of the system. The noise for the reactor was calculated using manufacturer-specified data and calculation of spectrum similar to that of a transformer. Manufacturer data and calculations are presented in *Appendix A*.

- Medium Voltage Stations

For the Project, there are 30 Medium Voltage (MV) Stations, each consisting of two (2) inverters and one (1) 1.6 MVA inverter transformer. The noise sources are as follows:

Ø *Inverters (Source ID: MV##)* – A total of 60 inverters (to convert DC to AC current) will be used at the Project Location. Each inverter will have its own cabinet-type enclosure and will be mounted on a concrete platform inside a larger enclosure. Each inverter enclosure will include two (2) inverters. The inverters will be SMA's model SC800CP, rated for up to 800 kW of continuous power output. The manufacturer's noise data for the inverter is provided in *Appendix A*.

Ø *Inverter Transformers (Source ID: MV##T)* – A total of 30 inverter transformers will be installed beside the inverter enclosures at each MV Station to boost the AC voltage for connection to the grid. The inverter transformers will have a power rating of up to 1.6 MVA. The inverter transformers will boost the voltage from 360 V to 34.5 kV for connection to the high-voltage substation transformer. The inverter transformers will be located on concrete platforms next to the inverter enclosures. The noise data for the inverter transformer was calculated based on the applicable IEEE Standard. It should be noted that the calculations are based on conservative noise ratings for the transformers, so they do not reflect the quieter transformers referenced in Section 5.3 in the *Design and Operations Report*. The noise levels modelled are subject to change during the detailed engineering stage, but the levels will not exceed those modelled herein (see *Appendix A*).

Figure 2 identifies the facility components. The octave spectra and the overall Sound Power Levels (PWLs) for on-site noise sources are presented in Table 1.

Table 1: Summary of Noise Source Types

Source		Octave Spectrum (dB)									Overall	
Type	Count	31.5	63	125	250	500	1000	2000	4000	8000	A	lin
Substation Transformer (55 MVA)	1	107.8	113.8	115.8	110.8	110.8	104.8	99.8	94.8	87.8	111.2	119.8
1.6 MVA Inverter Transformer	30	87.7	93.7	95.7	90.7	90.7	84.7	79.7	74.7	67.7	91.1	99.7
Inverter (800 kW)	60	96.2	89.1	86.7	88.2	88.3	82.7	86.4	95	84.4	97.3	100.4
DSTATCOM 10 mVAR	1		93	111	95	91	80	74	84	74	96.6	111.2
Reactor	1	83.6	89.6	91.6	86.6	86.6	80.6	75.6	70.6	63.6	87	95.6

Note:

A: A-weighted, Lin: Linear

The manufacturer-specified A-weighted spectra were converted to linear spectra and presented in this table.

The 5 dB tonal penalty is included in the sound power levels presented in the table.

For each MV station there will be two (2) 800 kW inverters within the enclosure, hence the 3 dB addition to the octave spectrum for noise sources: MV##.

5.1 Operating Hours of Facility

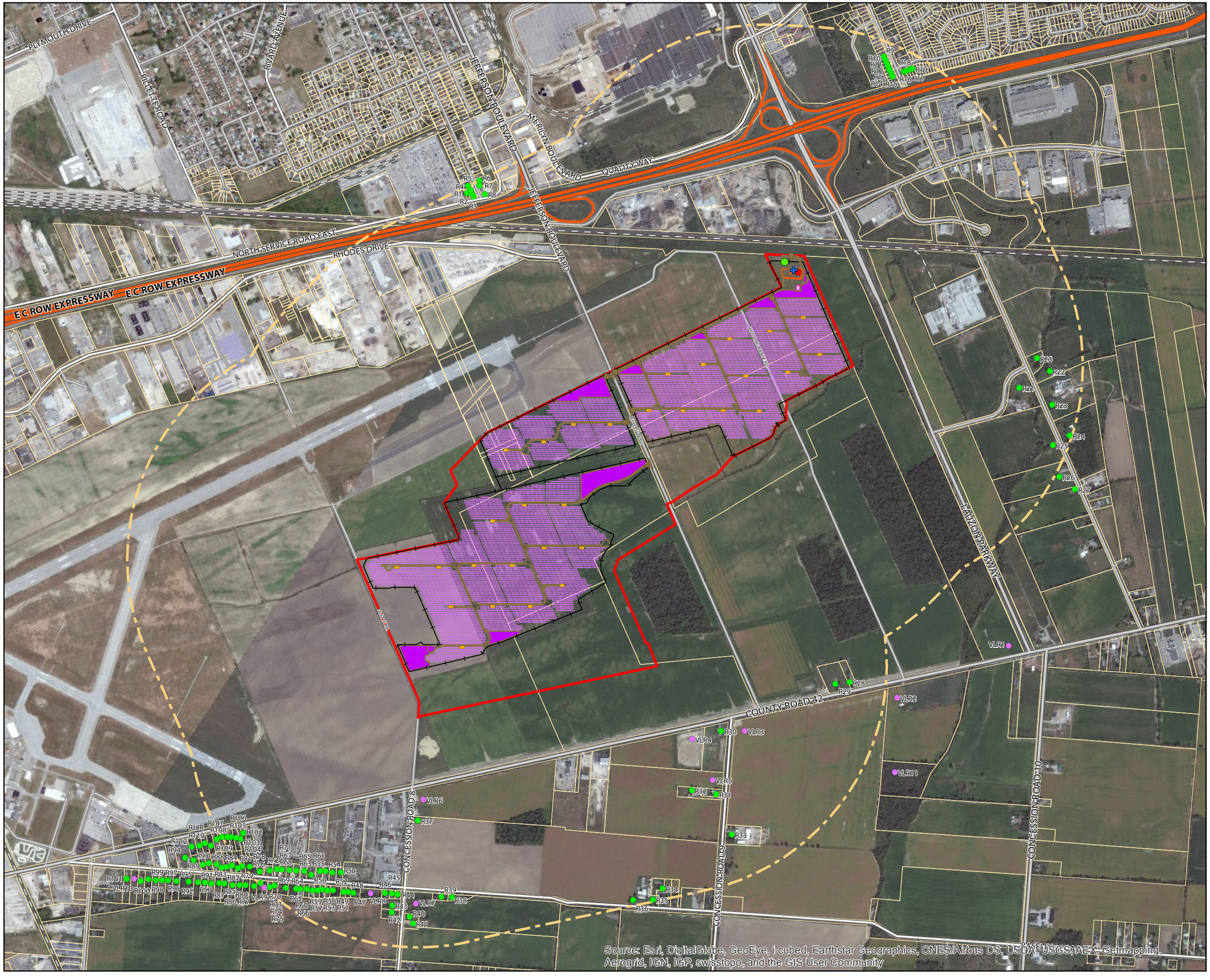
The solar facility is designed to operate 365 days per year. The solar panels are only able to generate electricity when the sun is shining. Similarly, the inverters only operate when the solar panels are generating electricity. Furthermore, the inverters infrequently operate at full power as full power output requires a clear sky when the sun is at peak intensity. For this assessment the inverters and transformers were conservatively assumed to be operational at full power (i.e., maximum noise emission) during both daytime (07:00 to 19:00) and evening hours (19:00 to 23:00) hours [note: evening power generation occurs after 19:00 during the summer].

5.2 Site Plan Identifying All Significant Noise Sources

Figures 3 illustrates the Project Location and identifies all noise sources associated with the facility. Figure 3 also identifies all 'Potential Noise Receptors' within 1 kilometre of the Project Location. In addition, as per Ontario Regulation 359/09 and guidance documents from the MOECC, 'Assumed Future Noise Receptors' must be identified on vacant lots measuring at least 100 metres by 100 metres. Eleven (11) vacant lot noise receptors have been identified and are included in the analysis, three (3) of which are beyond 1 kilometre of the Project Location (see Figure 3). At present, there is no known existing or planned solar facilities in the vicinity that must be considered for modelling.

WINDSOR SOLAR PROJECT

FIGURE 3
SCALED AREA LOCATION PLAN



- Noise Receptor
- Vacant Lot Noise Receptor
- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
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- Project Location Boundary
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MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

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PROJECT: 149152

DATE: 4/5/2016

6. NOISE SOURCE SUMMARY

6.1 Noise Source Summary Table

The significant noise sources identified in this noise study are listed in Table 2. This table contains sound power levels, source location, sound characteristics, and any noise control measures that already exist as a part of the original equipment.

Table 2: Noise Source Summary

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV01	100.3	O	T	U	339515	4682250	2
MV02	100.3	O	T	U	339697	4682250	2
MV03	100.3	O	T	U	339750	4682078	2
MV04	100.3	O	T	U	339798	4681902	2
MV05	100.3	O	T	U	339850	4682258	2
MV06	100.3	O	T	U	339932	4682080	2
MV07	100.3	O	T	U	339932	4682452	2
MV08	100.3	O	T	U	340016	4682259	2
MV09	100.3	O	T	U	340096	4682080	2
MV10	100.3	O	T	U	340074	4682522	2
MV11	100.3	O	T	U	340156	4682335	2
MV12	100.3	O	T	U	340238	4682172	2
MV13	100.3	O	T	U	340243	4682522	2
MV14	100.3	O	T	U	340322	4682335	2
MV15	100.3	O	T	U	339989	4682761	2
MV16	100.3	O	T	U	340153	4682797	2
MV17	100.3	O	T	U	340283	4682873	2
MV18	100.3	O	T	U	340442	4682873	2
MV19	100.3	O	T	U	340610	4682934	2
MV20	100.3	O	T	U	340699	4683093	2
MV21	100.3	O	T	U	340763	4682933	2
MV22	100.3	O	T	U	340848	4683134	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV23	100.3	O	T	U	340935	4682933	2
MV24	100.3	O	T	U	340967	4683245	2
MV25	100.3	O	T	U	341037	4683084	2
MV26	100.3	O	T	U	341095	4682931	2
MV27	100.3	O	T	U	341137	4683279	2
MV28	100.3	O	T	U	341216	4683101	2
MV29	100.3	O	T	U	341288	4683339	2
MV30	100.3	O	T	U	341359	4683177	2
MV01T	91.1	O	T	U	339520	4682250	2
MV02T	91.1	O	T	U	339703	4682250	2
MV03T	91.1	O	T	U	339756	4682078	2
MV04T	91.1	O	T	U	339804	4681902	2
MV05T	91.1	O	T	U	339856	4682258	2
MV06T	91.1	O	T	U	339937	4682080	2
MV07T	91.1	O	T	U	339937	4682452	2
MV08T	91.1	O	T	U	340021	4682259	2
MV09T	91.1	O	T	U	340101	4682080	2
MV10T	91.1	O	T	U	340068	4682522	2
MV11T	91.1	O	T	U	340161	4682335	2
MV12T	91.1	O	T	U	340232	4682172	2
MV13T	91.1	O	T	U	340249	4682522	2
MV14T	91.1	O	T	U	340317	4682335	2
MV15T	91.1	O	T	U	339995	4682761	2
MV16T	91.1	O	T	U	340159	4682797	2
MV17T	91.1	O	T	U	340289	4682873	2
MV18T	91.1	O	T	U	340447	4682873	2
MV19T	91.1	O	T	U	340615	4682934	2
MV20T	91.1	O	T	U	340693	4683093	2
MV21T	91.1	O	T	U	340758	4682933	2
MV22T	91.1	O	T	U	340854	4683134	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV23T	91.1	O	T	U	340941	4682933	2
MV24T	91.1	O	T	U	340962	4683245	2
MV25T	91.1	O	T	U	341032	4683084	2
MV26T	91.1	O	T	U	341089	4682931	2
MV27T	91.1	O	T	U	341143	4683279	2
MV28T	91.1	O	T	U	341221	4683101	2
MV29T	91.1	O	T	U	341282	4683339	2
MV30T	91.1	O	T	U	341353	4683177	2
TRS	111.2	O	T	U	341231	4683532	3.8
DSTAT	96.6	O	T	U	341263	4683537	2.5
LR	87	O	T	U	341245	4683544	3.05

Note:
PWL (dBA) represents A-weighted overall sound power level for each noise source.
For each MV station there will be two (2) 800 kW inverters within the enclosure, hence the 3 dB high noise levels in comparison to the overall PWL provided in Table 1.

Noise Source Summary Table
Notes:

1. Source Locations

O – located/installed outside of a building, including on the roof
I – located/installed inside a building

2. Sound Characteristics

S – Steady
Q – Quasi Steady
Impulsive

I – Impulsive
B – Buzzing
T – Tonal
C – Cyclic
Int – Intermittent

3. Noise Control Measures

S – silencer, acoustic louver, muffler
A – acoustic lining, plenum

B – barrier, berm, screening
L – lagging
E – acoustic enclosure
O – other
U – uncontrolled

6.2 Noise Source Specifications

Noise source specifications including manufacturer-specified noise data and calculation of transformer noise levels are provided in *Appendix A*.

6.3 Source Power/Capacity Ratings

Manufacturer data for capacity and operating specifications for primary noise sources can be found in *Appendix A.*

6.4 Noise Control Description & Acoustical Specifications

For all the inverter stations, the inverters will each be contained in a cabinet (as per the specifications presented in *Appendix A*) and a secondary enclosure. The secondary enclosure will have louvers for ventilation through which noise can propagate to the outside. Conservatively, no additional noise mitigation measure was incorporated in the modelling for the secondary enclosure. It was determined through noise modelling that no additional noise mitigation measures are required for the Project to achieve compliance.

7. POINT OF RECEPTION NOISE IMPACT ANALYSIS

7.1 Land Use Zoning Plan

The Project Location is designated "Airport" and "Future Employment Area" in the Official Plan and is adjacent to an "Open Space" designation in the southeast corner of the airport lands. Zoning and land use information is found in the Section 4.3 in *Design and Operations Report* of the REA submission.

7.2 Scaled Area Location Plan

Figure 3 is an aerial photo showing the location of the proposed Project as well as the surrounding area and nearby receptors.

7.3 Points of Reception (PORs) List and Description

The Model Municipal Noise Control By-Law defines a Point of Reception (POR) / receptor as "*any point on the premises of a person where sound or vibration originating from other than those premises is received."* Noise-sensitive receptors, as defined in MOECC Publication NPC-300, include the following land uses:

- Permanent, seasonal, or rental residences
- Hotels, motels and campgrounds
- Schools, universities, libraries and daycare centres
- Hospitals and clinics, nursing/retirement homes
- Churches and places of worship

A receptor height of 4.5 metres was considered for all receptors, assuming a 2-storey dwelling at each receptor location. The UTM coordinates (NAD83) and heights of the receptors used in the noise modelling are summarized in Table 3. For the vacant lots, the centres of the 100 metre x 100 metre lots that follow the building patterns in the area were chosen to represent the receptor locations, as per relevant MOECC guidelines.

Table 3: Noise Sensitive Receptors – Coordinates

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R1	Existing Noise Receptor	339822	4683880	4.5
R2	Existing Noise Receptor	339851	4683865	4.5
R3	Existing Noise Receptor	339844	4683878	4.5
R4	Existing Noise Receptor	339838	4683893	4.5
R5	Existing Noise Receptor	339828	4683911	4.5
R6	Existing Noise Receptor	339877	4683935	4.5
R7	Existing Noise Receptor	339878	4683912	4.5
R8	Existing Noise Receptor	339901	4683874	4.5
R9	Existing Noise Receptor	341638	4684475	4.5
R10	Existing Noise Receptor	341645	4684460	4.5
R11	Existing Noise Receptor	341651	4684446	4.5
R12	Existing Noise Receptor	341657	4684431	4.5
R13	Existing Noise Receptor	341662	4684417	4.5
R14	Existing Noise Receptor	341670	4684401	4.5
R15	Existing Noise Receptor	341676	4684387	4.5
R16	Existing Noise Receptor	341725	4684408	4.5
R17	Existing Noise Receptor	341737	4684412	4.5
R18	Existing Noise Receptor	341751	4684419	4.5
R19	Existing Noise Receptor	341762	4684422	4.5
R20	Existing Noise Receptor	342305	4683160	4.5
R21	Existing Noise Receptor	342227	4683032	4.5
R22	Existing Noise Receptor	342360	4683104	4.5
R23	Existing Noise Receptor	342371	4682958	4.5
R24	Existing Noise Receptor	342447	4682824	4.5
R25	Existing Noise Receptor	342374	4682783	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R26	Existing Noise Receptor	342401	4682645	4.5
R27	Existing Noise Receptor	342470	4682591	4.5
R28	Existing Noise Receptor	341488	4681751	4.5
R29	Existing Noise Receptor	341427	4681741	4.5
R30	Existing Noise Receptor	340930	4681537	4.5
R31	Existing Noise Receptor	340908	4681263	4.5
R32	Existing Noise Receptor	340801	4681278	4.5
R33	Existing Noise Receptor	340975	4681086	4.5
R34	Existing Noise Receptor	340675	4680852	4.5
R35	Existing Noise Receptor	340633	4680803	4.5
R36	Existing Noise Receptor	340546	4680801	4.5
R37	Existing Noise Receptor	339609	4681147	4.5
R38	Existing Noise Receptor	339757	4680813	4.5
R39	Existing Noise Receptor	339711	4680815	4.5
R40	Existing Noise Receptor	339574	4680729	4.5
R41	Existing Noise Receptor	339587	4680700	4.5
R42	Existing Noise Receptor	339495	4680749	4.5
R43	Existing Noise Receptor	339497	4680777	4.5
R44	Existing Noise Receptor	339521	4680826	4.5
R45	Existing Noise Receptor	339495	4680831	4.5
R46	Existing Noise Receptor	339466	4680832	4.5
R47	Existing Noise Receptor	339328	4680833	4.5
R48	Existing Noise Receptor	339304	4680837	4.5
R49	Existing Noise Receptor	339285	4680836	4.5
R50	Existing Noise Receptor	339273	4680923	4.5
R51	Existing Noise Receptor	339239	4680844	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R52	Existing Noise Receptor	339237	4680922	4.5
R53	Existing Noise Receptor	339214	4680842	4.5
R54	Existing Noise Receptor	339207	4680928	4.5
R55	Existing Noise Receptor	339182	4680927	4.5
R56	Existing Noise Receptor	339191	4680847	4.5
R57	Existing Noise Receptor	339171	4680843	4.5
R58	Existing Noise Receptor	339143	4680911	4.5
R59	Existing Noise Receptor	339150	4680842	4.5
R60	Existing Noise Receptor	339126	4680849	4.5
R61	Existing Noise Receptor	339115	4680927	4.5
R62	Existing Noise Receptor	339098	4680851	4.5
R63	Existing Noise Receptor	339080	4680929	4.5
R64	Existing Noise Receptor	339079	4680851	4.5
R65	Existing Noise Receptor	339050	4680932	4.5
R66	Existing Noise Receptor	339033	4680855	4.5
R67	Existing Noise Receptor	339017	4680933	4.5
R68	Existing Noise Receptor	338995	4680936	4.5
R69	Existing Noise Receptor	338986	4680864	4.5
R70	Existing Noise Receptor	338963	4680857	4.5
R71	Existing Noise Receptor	338965	4680929	4.5
R72	Existing Noise Receptor	338920	4680926	4.5
R73	Existing Noise Receptor	338924	4680874	4.5
R74	Existing Noise Receptor	338896	4680862	4.5
R75	Existing Noise Receptor	338859	4680865	4.5
R76	Existing Noise Receptor	338877	4680946	4.5
R77	Existing Noise Receptor	338833	4680866	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R78	Existing Noise Receptor	338844	4680949	4.5
R79	Existing Noise Receptor	338826	4680941	4.5
R80	Existing Noise Receptor	338802	4680866	4.5
R81	Existing Noise Receptor	338799	4680953	4.5
R82	Existing Noise Receptor	338767	4680874	4.5
R83	Existing Noise Receptor	338774	4680946	4.5
R84	Existing Noise Receptor	338754	4680942	4.5
R85	Existing Noise Receptor	338743	4680875	4.5
R86	Existing Noise Receptor	338733	4680958	4.5
R87	Existing Noise Receptor	338710	4680873	4.5
R88	Existing Noise Receptor	338699	4680961	4.5
R89	Existing Noise Receptor	338672	4680956	4.5
R90	Existing Noise Receptor	338682	4680878	4.5
R91	Existing Noise Receptor	338652	4680879	4.5
R92	Existing Noise Receptor	338611	4680882	4.5
R93	Existing Noise Receptor	338633	4680976	4.5
R94	Existing Noise Receptor	338596	4680986	4.5
R95	Existing Noise Receptor	338558	4680884	4.5
R96	Existing Noise Receptor	338521	4680887	4.5
R97	Existing Noise Receptor	338496	4680888	4.5
R98	Existing Noise Receptor	338467	4680889	4.5
R99	Existing Noise Receptor	338435	4680892	4.5
R100	Existing Noise Receptor	338402	4680884	4.5
R101	Existing Noise Receptor	338342	4680893	4.5
R102	Existing Noise Receptor	338849	4681092	4.5
R103	Existing Noise Receptor	338837	4681067	4.5

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R104	Existing Noise Receptor	338817	4681073	4.5
R105	Existing Noise Receptor	338795	4681076	4.5
R106	Existing Noise Receptor	338779	4681076	4.5
R107	Existing Noise Receptor	338754	4681076	4.5
R108	Existing Noise Receptor	338733	4681065	4.5
R109	Existing Noise Receptor	338707	4681040	4.5
R110	Existing Noise Receptor	338681	4681049	4.5
R111	Existing Noise Receptor	338659	4681038	4.5
R112	Existing Noise Receptor	338624	4681033	4.5
VLR1	Vacant Lot Noise Receptor	342181	4681909	4.5
VLR2	Vacant Lot Noise Receptor	341697	4681683	4.5
VLR3	Vacant Lot Noise Receptor	341032	4681537	4.5
VLR4	Vacant Lot Noise Receptor	340804	4681503	4.5
VLR5	Vacant Lot Noise Receptor	340892	4681323	4.5
VLR6	Vacant Lot Noise Receptor	339633	4681238	4.5
VLR7	Vacant Lot Noise Receptor	339600	4680786	4.5
VLR8	Vacant Lot Noise Receptor	339404	4680831	4.5
VLR9	Vacant Lot Noise Receptor	338941	4680856	4.5
VLR10	Vacant Lot Noise Receptor	338373	4680894	4.5
VLR11	Vacant Lot Noise Receptor	341685	4681359	4.5

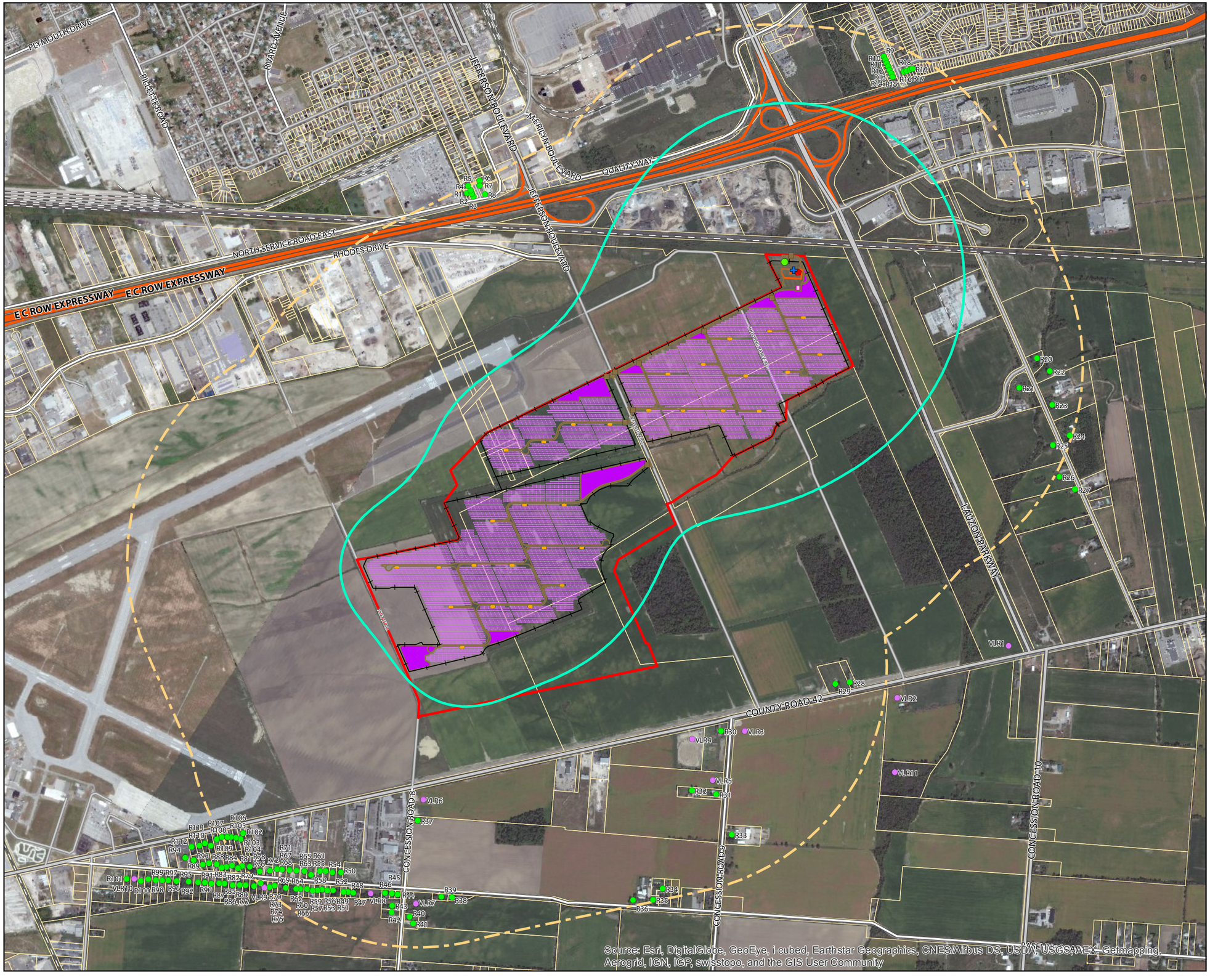
7.4 Procedure for Assessing Noise Impacts at Each POR

7.4.1 Method Selection Factors

The worst-case noise emission scenario at each POR was modeled using the CADNA/A software program from DataKustik GmbH. The outdoor noise propagation model is based on ISO 9613, Part 1: Calculation of the absorption of sound by the atmosphere, 1993 and Part 2: General method of calculation (ISO-9613-2: 1996). The model is capable of incorporating various site-specific features such as elevation, berms, ground absorption and barriers to accurately predict noise levels at specific receptors, pertaining to noise emissions from a particular source(s). Modeling output in the form of sound level contour (for 40 dBA) are presented in Figures 4 and 5 for 1.5m and 4.5m elevation, respectively.

7.5 Ambient Determination

No on-site measurements were made to assess the background ambient noise level at the noise-sensitive receptors. Traffic noise modelling was completed for evening hours between 7pm and 9pm, using minimum hourly traffic data between 7pm and 9pm (see Appendix C). Based on the analysis, applicable criteria for Class 2 and Class 3 areas were used for this assessment.



WINDSOR SOLAR PROJECT

FIGURE 4
PREDICTED NOISE LEVEL CONTOURS AT 1.5 M HEIGHT

- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 1.5 m Height
- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
- Substation Transformer
- Operations and Maintenance Building
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

1:16,000

0 50 100 200 300 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149152 - Samsung Windsor\mxd\Noise\

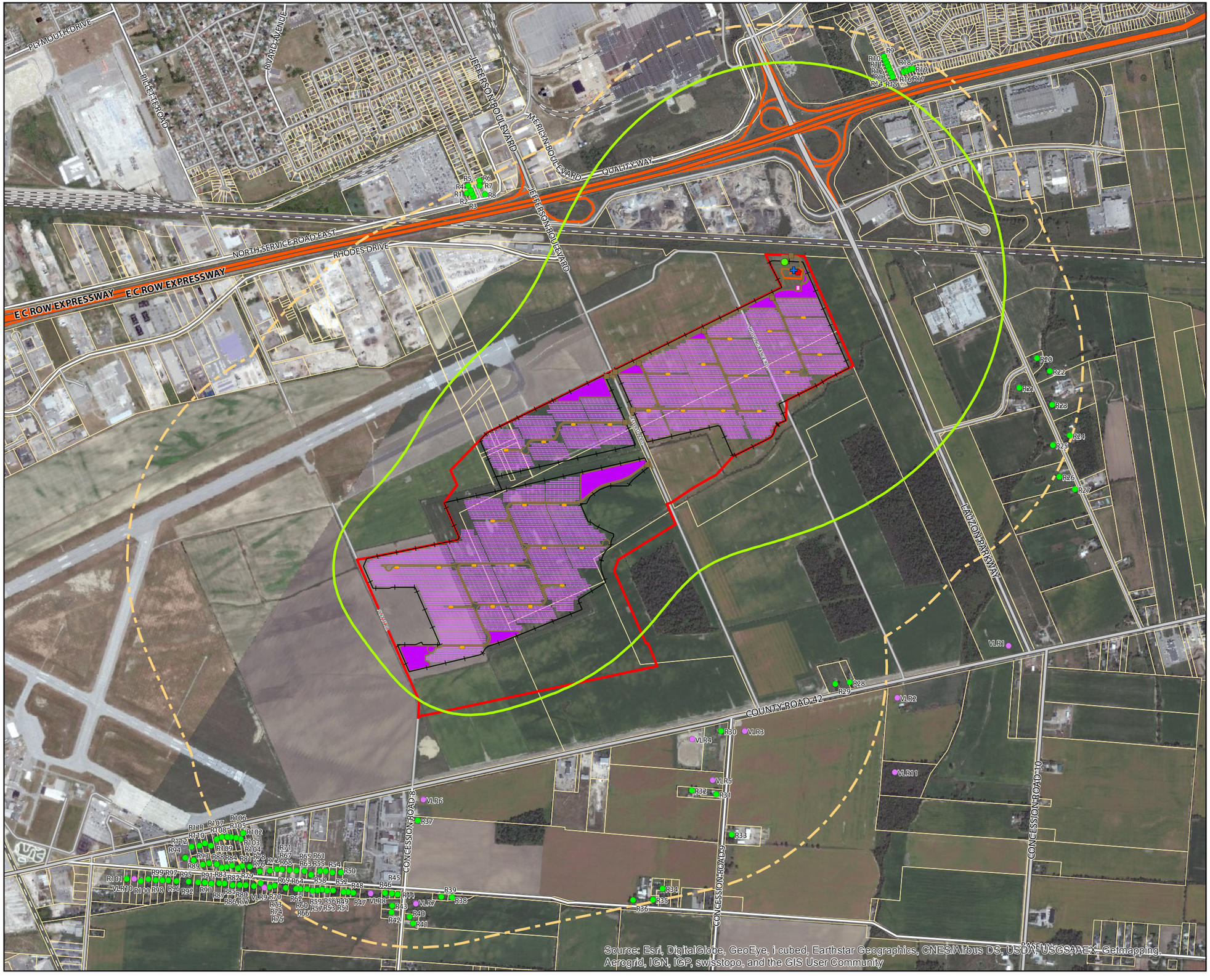
DILLON CONSULTING

PROJECT: 149152

DATE: 4/7/2016

WINDSOR SOLAR PROJECT

FIGURE 5
PREDICTED NOISE LEVEL CONTOURS AT 4.5 M HEIGHT



- Noise Receptor
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 4.5 m Height
- Line Reactor
- DSTATCOM
- Point of Common Coupling
- Gate
- Access Road
- Fence
- Temporary Laydown Area
- MV Station
- Solar Panel
- Substation Yard
- Substation Transformer
- Operations and Maintenance Building
- Project Location Boundary
- Project Location 1000 m Setback
- Railway
- Parcel Boundary

1:16,000

0 50 100 200 300 m

N W E S

MAP DRAWING INFORMATION:
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FILE LOCATION: I:\GIS\149152 - Samsung Windsor\mxd\Noise\

DILLON CONSULTING

PROJECT: 149152

DATE: 4/7/2016

7.6 Parameter/Assumptions for Calculations

Manufacturer-specified noise data and calculated noise levels were used in the CADNA/A software to model the noise impact at each Point of Reception (POR). Also incorporated in the modelling was the site layout for the project and land parcel data for the surrounding areas. The noise impact for each receptor was modelled assuming the worst-case noise emission scenario at the site. The dominant noise sources for the facility include:

- Medium voltage stations (consisting of inverters and inverter transformers)
- DSTATCOM Unit
- Reactor
- Substation Transformer

Detailed information on these dominant noise sources is provided in Section 5.

Receptors – A receptor height of 4.5 metres representing a receiver in the plane of a second floor window (i.e., 2-storey dwelling) was assumed for each of the receptors.

Reflections – Conservatively, sources were modeled assuming a third order reflection.

Ground Absorption – For the noise modeling, a ground absorption coefficient of 0.7 was used to represent the mostly absorptive, vegetated areas, between the on-site sources and receptors.

Topography – The Project Location may be graded for the installation of the solar panels; however, topographical features may exists beyond the project boundary that may eliminate the direct line-of-sight between some of the onsite noise sources and the receptors, likely resulting in lower noise levels at the receptors. Nevertheless, conservatively, the topography was not included in the noise modelling.

7.7 Point of Reception Noise Impact Table

Table 4 summarizes the partial noise levels (i.e., contribution from each of the onsite noise sources to the receptor noise levels) and corresponding source-receptor distance for the closest receptors to the Project Location. The sound level at the POR accounts for attenuation by divergence (distance), applicable barrier/screening effects, ground effects, foliage, and atmospheric absorption. This table gives the sum total of these attenuations for each source. Details of the noise modelling (CADNA output file) are provided in Appendix B – CADNA Model Output. Graphical output generated by CADNA, showing the modelled sound level emissions for the site are shown in Figures 4 and 5.

Table 4: Point of Reception Noise Impact Table – Partial Levels (dBA)

R8			R15			R21			VLR4		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
TRS	1373	35.0	TRS	964	38.9	TRS	1114	37.3	TRS	2073	30.1
MV17	1071	17.8	MV29	1118	17.3	MV30	880	20.2	MV12	876	20.3
MV16	1106	17.4	MV27	1232	16.0	MV29	988	18.8	MV09	913	19.8
MV15	1116	17.3	MV30	1251	15.8	MV28	1013	18.5	MV14	962	19.1
MV20	1117	17.3	MV24	1344	14.9	MV27	1118	17.3	MV06	1046	18.1
MV18	1138	17.0	MV28	1366	14.7	MV26	1137	17.0	MV11	1055	18.0
MV19	1177	16.6	DSTAT	945	22.2	MV25	1191	16.5	MV04	1082	17.7
MV22	1202	16.3	MV25	1451	13.9	MV24	1278	15.6	MV08	1092	17.6
MV24	1238	16.0	MV22	1502	13.5	MV23	1296	15.4	MV13	1163	16.8
MV21	1276	15.6	MV26	1568	12.9	MV22	1383	14.6	MV03	1201	16.4
MV10	1363	14.7	MV20	1621	12.5	MV21	1467	13.8	MV05	1217	16.2
MV27	1372	14.7	MV23	1632	12.4	MV20	1529	13.3	MV10	1254	15.8
MV25	1384	14.5	MV21	1717	11.7	MV19	1620	12.5	MV07	1289	15.5
MV13	1395	14.4	MV19	1802	11.1	DSTAT	1088	20.8	MV02	1335	15.0
MV23	1398	14.4	MV18	1953	10.0	MV18	1792	11.2	MV18	1417	14.2
MV07	1422	14.2	MV17	2057	9.3	MV17	1950	10.0	MV21	1431	14.1
MV29	1487	13.6	MV16	2202	8.4	MV14	2029	9.5	MV23	1436	14.1
MV26	1521	13.3	MV15	2343	7.5	MV13	2049	9.4	MV19	1444	14.0
MV28	1525	13.3	MV13	2352	7.5	MV16	2087	9.1	MV16	1449	14.0
MV11	1560	13.0	MV14	2458	6.9	MV12	2167	8.6	MV26	1457	13.9
MV14	1596	12.7	MV10	2459	6.9	MV11	2185	8.5	MV17	1466	13.8
MV30	1616	12.5	MV11	2554	6.3	MV10	2213	8.3	MV01	1490	13.6

R8			R15			R21			VLR4		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV05	1617	12.5	MV07	2605	6.1	MV15	2254	8.1	MV15	1499	13.5
MV08	1619	12.5	MV12	2641	5.9	MV09	2334	7.6	MV20	1593	12.7
MV02	1637	12.4	MV08	2699	5.6	MV08	2342	7.6	MV25	1598	12.7
MV01	1669	12.1	MV09	2796	5.1	MV07	2367	7.4	MV22	1632	12.4
MV12	1735	11.6	MV05	2805	5.0	MV06	2485	6.7	MV28	1650	12.3
MV06	1794	11.2	MV06	2892	4.6	MV05	2500	6.6	MV24	1750	11.5
MV03	1802	11.1	MV02	2913	4.5	MV30T	886	18.6	MV30	1764	11.4
MV09	1805	11.1	MV03	3007	4.0	MV02	2648	5.8	MV27	1807	11.1
MV04	1975	9.9	MV01	3039	3.9	MV03	2654	5.8	MV29	1899	10.4
DSTAT	1403	18.3	MV04	3115	3.5	MV04	2679	5.7	MV12T	880	18.7
MV17T	1074	16.5	MV29T	1120	16.0	MV01	2822	4.9	MV09T	909	18.3
MV16T	1107	16.2	MV27T	1230	15.0	MV29T	994	17.4	MV14T	964	17.7
MV20T	1112	16.1	MV30T	1252	14.8	MV28T	1008	17.2	MV06T	1041	16.8
MV15T	1117	16.1	MV24T	1347	13.9	MV27T	1112	16.1	MV11T	1052	16.7
MV18T	1140	15.8	MV28T	1364	13.8	MV26T	1142	15.8	MV04T	1077	16.5
MV19T	1180	15.4	MV25T	1453	13.0	MV25T	1196	15.3	MV08T	1088	16.3
MV22T	1207	15.2	MV22T	1499	12.7	MV24T	1283	14.5	DSTAT	2085	14.2
MV24T	1233	14.9	LR	947	14.7	MV23T	1290	14.4	MV13T	1160	15.6
MV21T	1273	14.6	MV26T	1570	12.1	MV22T	1377	13.7	MV03T	1195	15.3
MV10T	1362	13.8	MV20T	1625	11.7	MV21T	1472	12.9	MV05T	1212	15.1
MV27T	1377	13.7	MV23T	1629	11.7	MV20T	1535	12.4	MV10T	1257	14.7
MV25T	1380	13.6	MV21T	1720	11.0	MV19T	1615	11.8	MV07T	1285	14.5
MV13T	1396	13.5	MV19T	1799	10.5	LR	1107	13.0	MV02T	1330	14.1

R8			R15			R21			VLR4		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV23T	1403	13.5	MV18T	1950	9.5	MV18T	1787	10.6	MV18T	1416	13.3
MV07T	1422	13.3	MV17T	2053	8.8	MV17T	1945	9.5	MV21T	1431	13.2
MV29T	1481	12.8	MV16T	2198	7.9	MV14T	2033	8.9	MV23T	1437	13.2
MV26T	1517	12.5	MV15T	2339	7.1	MV13T	2043	8.9	MV19T	1443	13.1
MV28T	1530	12.4	MV13T	2348	7.1	MV16T	2081	8.6	MV16T	1446	13.1
MV11T	1561	12.2	MV14T	2461	6.5	MV12T	2172	8.1	MV26T	1456	13.0
MV14T	1594	11.9	MV10T	2463	6.5	MV11T	2180	8.0	MV17T	1464	13.0
MV30T	1611	11.8	MV11T	2551	6.0	MV10T	2218	7.8	MV01T	1485	12.8
MV05T	1617	11.8	MV07T	2602	5.7	MV15T	2248	7.7	MV15T	1496	12.7
MV08T	1619	11.8	MV12T	2644	5.5	MV09T	2329	7.2	MV20T	1594	11.9
MV02T	1636	11.6	MV08T	2696	5.2	MV08T	2338	7.1	MV25T	1597	11.9
MV01T	1668	11.4	MV09T	2793	4.8	MV07T	2362	7.0	MV22T	1632	11.7
MV12T	1734	10.9	MV05T	2801	4.7	MV06T	2480	6.4	MV28T	1652	11.5
MV06T	1794	10.5	MV06T	2889	4.3	MV05T	2494	6.3	MV24T	1749	10.8
MV03T	1802	10.5	MV02T	2909	4.2	MV02T	2642	5.5	MV30T	1762	10.7
MV09T	1805	10.4	MV03T	3003	3.8	MV03T	2649	5.5	MV27T	1808	10.4
MV04T	1974	9.3	MV01T	3036	3.6	MV04T	2674	5.4	MV29T	1897	9.8
LR	1384	10.5	MV04T	3111	3.3	MV01T	2818	4.6	LR	2088	5.6

8. ACOUSTIC ASSESSMENT SUMMARY

8.1 Acoustic Assessment Summary Table

Table 5 summarizes the compliance of the proposed Project with the applicable Sound Level Performance Limits at the designated POR. The predicted receptor sound levels for the approved REA and those for this amendment are presented in Table 5 for comparison purposes. For all the receptors assessed in this study, the predicted noise levels for this amendment are lower than those predicted for the already approved REA.

The performance limits in the table reflect the applicable sound level limits in the MOECC Publication NPC-300 for Class 3 Areas.

Table 5: Acoustic Assessment Summary Table

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit (dBA)		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime / Evening	Nighttime	
R1	Existing Noise Receptor	36.7	36.2	No	50	45	Yes
R2	Existing Noise Receptor	36.9	36.5	No	50	45	Yes
R3	Existing Noise Receptor	36.8	36.4	No	50	45	Yes
R4	Existing Noise Receptor	36.8	36.3	No	50	45	Yes
R5	Existing Noise Receptor	36.6	36.2	No	50	45	Yes
R6	Existing Noise Receptor	36.9	36.4	No	50	45	Yes
R7	Existing Noise Receptor	36.9	36.5	No	50	45	Yes
R8	Existing Noise Receptor	37.2	36.8	No	50	45	Yes
R9	Existing Noise Receptor	39.3	38.7	No	50	45	Yes
R10	Existing Noise Receptor	39.4	38.8	No	50	45	Yes
R11	Existing Noise Receptor	39.5	38.9	No	50	45	Yes
R12	Existing Noise Receptor	39.6	39.1	No	50	45	Yes
R13	Existing Noise Receptor	39.7	39.2	No	50	45	Yes
R14	Existing Noise Receptor	39.8	39.3	No	50	45	Yes
R15	Existing Noise Receptor	40.0	39.4	No	50	45	Yes
R16	Existing Noise Receptor	39.5	38.9	No	50	45	Yes
R17	Existing Noise Receptor	39.4	38.8	No	50	45	Yes
R18	Existing Noise Receptor	39.3	38.7	No	50	45	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit (dBA)		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime / Evening	Nighttime	
R19	Existing Noise Receptor	39.2	38.6	No	50	45	Yes
R20	Existing Noise Receptor	38.5	38.0	No	45	40	Yes
R21	Existing Noise Receptor	38.8	38.3	No	45	40	Yes
R22	Existing Noise Receptor	37.8	37.4	No	45	40	Yes
R23	Existing Noise Receptor	37.3	36.8	No	45	40	Yes
R24	Existing Noise Receptor	36.2	35.8	No	45	40	Yes
R25	Existing Noise Receptor	36.6	36.1	No	45	40	Yes
R26	Existing Noise Receptor	35.8	35.4	No	45	40	Yes
R27	Existing Noise Receptor	35.2	34.7	No	45	40	Yes
R28	Existing Noise Receptor	35.0	34.4	No	50	45	Yes
R29	Existing Noise Receptor	35.2	34.5	No	50	45	Yes
R30	Existing Noise Receptor	36.0	34.6	No	50	45	Yes
R31	Existing Noise Receptor	34.2	32.9	No	50	45	Yes
R32	Existing Noise Receptor	34.7	33.2	No	50	45	Yes
R33	Existing Noise Receptor	32.8	31.7	No	50	45	Yes
R34	Existing Noise Receptor	32.0	30.7	No	50	45	Yes
R35	Existing Noise Receptor	31.7	30.5	No	50	45	Yes
R36	Existing Noise Receptor	31.9	30.6	No	50	45	Yes
R37	Existing Noise Receptor	34.5	32.9	No	50	45	Yes
R38	Existing Noise Receptor	31.9	30.6	No	50	45	Yes
R39	Existing Noise Receptor	31.9	30.5	No	50	45	Yes
R40	Existing Noise Receptor	30.9	29.7	No	50	45	Yes
R41	Existing Noise Receptor	30.7	29.5	No	50	45	Yes
R42	Existing Noise Receptor	30.8	29.6	No	50	45	Yes
R43	Existing Noise Receptor	31.0	29.8	No	50	45	Yes
R44	Existing Noise Receptor	31.5	30.2	No	50	45	Yes
R45	Existing Noise Receptor	31.4	30.2	No	50	45	Yes
R46	Existing Noise Receptor	31.3	30.1	No	50	45	Yes
R47	Existing Noise Receptor	30.9	29.7	No	50	45	Yes
R48	Existing Noise Receptor	30.8	29.7	No	50	45	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit (dBA)		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime / Evening	Nighttime	
R49	Existing Noise Receptor	30.7	29.6	No	50	45	Yes
R50	Existing Noise Receptor	31.2	30.1	No	50	45	Yes
R51	Existing Noise Receptor	30.6	29.5	No	50	45	Yes
R52	Existing Noise Receptor	31.1	30.0	No	50	45	Yes
R53	Existing Noise Receptor	30.5	29.4	No	50	45	Yes
R54	Existing Noise Receptor	31.0	29.9	No	50	45	Yes
R55	Existing Noise Receptor	30.9	29.8	No	50	45	Yes
R56	Existing Noise Receptor	30.4	29.4	No	50	45	Yes
R57	Existing Noise Receptor	30.3	29.3	No	50	45	Yes
R58	Existing Noise Receptor	30.6	29.6	No	50	45	Yes
R59	Existing Noise Receptor	30.2	29.2	No	50	45	Yes
R60	Existing Noise Receptor	30.2	29.2	No	50	45	Yes
R61	Existing Noise Receptor	30.6	29.6	No	50	45	Yes
R62	Existing Noise Receptor	30.1	29.1	No	50	45	Yes
R63	Existing Noise Receptor	30.5	29.4	No	50	45	Yes
R64	Existing Noise Receptor	30.0	29.0	No	50	45	Yes
R65	Existing Noise Receptor	30.3	29.3	No	50	45	Yes
R66	Existing Noise Receptor	29.8	28.9	No	50	45	Yes
R67	Existing Noise Receptor	30.2	29.2	No	50	45	Yes
R68	Existing Noise Receptor	30.1	29.1	No	50	45	Yes
R69	Existing Noise Receptor	29.7	28.7	No	50	45	Yes
R70	Existing Noise Receptor	29.6	28.6	No	50	45	Yes
R71	Existing Noise Receptor	29.9	29.0	No	50	45	Yes
R72	Existing Noise Receptor	29.7	28.8	No	50	45	Yes
R73	Existing Noise Receptor	29.5	28.6	No	50	45	Yes
R74	Existing Noise Receptor	29.3	28.4	No	50	45	Yes
R75	Existing Noise Receptor	29.2	28.3	No	50	45	Yes
R76	Existing Noise Receptor	29.6	28.7	No	50	45	Yes
R77	Existing Noise Receptor	29.1	28.2	No	50	45	Yes
R78	Existing Noise Receptor	29.5	28.6	No	50	45	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit (dBA)		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime / Evening	Nighttime	
R79	Existing Noise Receptor	29.4	28.5	No	50	45	Yes
R80	Existing Noise Receptor	28.9	28.0	No	50	45	Yes
R81	Existing Noise Receptor	29.3	28.4	No	50	45	Yes
R82	Existing Noise Receptor	28.8	27.9	No	50	45	Yes
R83	Existing Noise Receptor	29.2	28.3	No	50	45	Yes
R84	Existing Noise Receptor	29.1	28.2	No	50	45	Yes
R85	Existing Noise Receptor	28.7	27.9	No	50	45	Yes
R86	Existing Noise Receptor	29.0	28.2	No	50	45	Yes
R87	Existing Noise Receptor	28.6	27.7	No	50	45	Yes
R88	Existing Noise Receptor	28.9	28.1	No	50	45	Yes
R89	Existing Noise Receptor	28.7	27.9	No	50	45	Yes
R90	Existing Noise Receptor	28.5	27.6	No	50	45	Yes
R91	Existing Noise Receptor	28.3	27.5	No	50	45	Yes
R92	Existing Noise Receptor	28.2	27.4	No	50	45	Yes
R93	Existing Noise Receptor	28.7	27.8	No	50	45	Yes
R94	Existing Noise Receptor	28.5	27.7	No	50	45	Yes
R95	Existing Noise Receptor	28.0	27.2	No	50	45	Yes
R96	Existing Noise Receptor	27.8	27.0	No	50	45	Yes
R97	Existing Noise Receptor	27.7	26.9	No	50	45	Yes
R98	Existing Noise Receptor	27.6	26.8	No	50	45	Yes
R99	Existing Noise Receptor	27.5	26.7	No	50	45	Yes
R100	Existing Noise Receptor	27.3	26.5	No	50	45	Yes
R101	Existing Noise Receptor	27.1	26.3	No	50	45	Yes
R102	Existing Noise Receptor	30.2	29.3	No	50	45	Yes
R103	Existing Noise Receptor	30.0	29.1	No	50	45	Yes
R104	Existing Noise Receptor	30.0	29.1	No	50	45	Yes
R105	Existing Noise Receptor	29.9	29.0	No	50	45	Yes
R106	Existing Noise Receptor	29.8	28.9	No	50	45	Yes
R107	Existing Noise Receptor	29.7	28.8	No	50	45	Yes
R108	Existing Noise Receptor	29.5	28.7	No	50	45	Yes

Point of Reception		Sound Level at POR (dBA)		Verified by Acoustic Audit (Yes/No)	Performance Limit (dBA)		Compliance (Yes/No)
ID	Description	Approved REA	This Amendment		Daytime / Evening	Nighttime	
R109	Existing Noise Receptor	29.3	28.4	No	50	45	Yes
R110	Existing Noise Receptor	29.2	28.4	No	50	45	Yes
R111	Existing Noise Receptor	29.0	28.2	No	50	45	Yes
R112	Existing Noise Receptor	28.8	28.0	No	50	45	Yes
VLR1	Vacant Lot Noise Receptor	33.4	33.0	No	50	45	Yes
VLR2	Vacant Lot Noise Receptor	34.0	33.4	No	50	45	Yes
VLR3	Vacant Lot Noise Receptor	35.5	34.3	No	50	45	Yes
VLR4	Vacant Lot Noise Receptor	36.5	34.8	No	50	45	Yes
VLR5	Vacant Lot Noise Receptor	34.7	33.3	No	50	45	Yes
VLR6	Vacant Lot Noise Receptor	35.6	33.8	No	50	45	Yes
VLR7	Vacant Lot Noise Receptor	31.4	30.1	No	50	45	Yes
VLR8	Vacant Lot Noise Receptor	31.1	29.9	No	50	45	Yes
VLR9	Vacant Lot Noise Receptor	29.5	28.5	No	50	45	Yes
VLR10	Vacant Lot Noise Receptor	27.2	26.5	No	50	45	Yes
VLR11	Vacant Lot Noise Receptor	32.3	31.6	No	50	45	Yes

8.2 Rationale for Selecting Applicable Noise Guideline Limits

8.2.1 Acoustic Environment

As noted previously, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 2 Area, as described in the Ontario Ministry of the Environment and Climate Change Noise Pollution Control Publication NPC-300. The Project Location and surrounding areas are in close proximity of the YQG, Windsor International Airport and are influenced by the noise from the Airport. In fact, most of the Project Location falls within the Airport's Noise Exposure Forecast (NEF) 25 contour. The areas immediately north of the Airport are industrial lands with existing heavy industries such as quarry operations. Lower background noise levels consisting mainly of sounds of nature may be realized after 22:00 in areas to the south of the Project Location.

The site is also surrounded by well-travelled arterial roads, including, E.C. Row Highway to the north, Division Road to the south, Walker Road to the west and Lauzon Road to the east. As described in section 4.1, with the exception of areas to the east, all other areas surrounding the project site are, at best, Class 2 Areas. As such, the NPC-300's Class 3 Area exclusionary limits

were selected to represent the performance limits at noise-sensitive receptors to the east of the project site, and Class 2 Area exclusionary limits were selected to represent the performance limits at the rest of the noise-sensitive receptors for this project.

The project is considered compliant with NPC-300 if the predicted cumulative noise levels at the nearby receptors are at or below either the exclusionary limits (see Table 6) or the background ambient levels as measured or calculated.

Table 6: NPC-300 – Area Class Exclusionary Limits

Time of Day	One Hour Leq (dBA) Class 2 Area	One Hour Leq (dBA) Class 3 Area
07:00 – 19:00	50	45
19:00 – 23:00	50	40
23:00 – 07:00	45	40

The traffic noise modelling results (see Appendix C) indicate higher ambient noise levels (excluding the east areas) than the criteria specified in Table 6. However, conservatively, the applicable NPC-300 criteria were used for this noise study.

8.2.2 Predictable Worst Case Operating Scenario

All the dominant noise sources at the proposed facility (i.e., MV Stations, Substation Transformer, DSTATCOM unit, and Reactor) were assumed to operate on a continuous basis and at their maximum capacity/load. These sources were modeled as such.

9. CONCLUSION

This revised Noise Study Report was prepared as a supporting document for an amendment to an existing Renewable Energy Approval [REA No. 8284-9ZGNBN] for the proposed Windsor Solar Project with a nameplate capacity of 50 MWac. The assessment conforms to the guidelines for an Acoustic Assessment Report as defined in Ministry of the Environment publication NPC-233 *Information to be Submitted for the Approval of Stationary Sources of Sound*. All procedures used in this assessment were conducted in accordance with requirements of NPC-233 and additional general direction provided by the MOECC for preparation of acoustic assessment reports for solar facilities subject to REA.

The following proposed changes to the facility were assessed in this report:

- A final pre-construction site layout consisting of thirty (30) MV stations, each with two (2) inverters and a 1.6 MVA step-up transformer;
- Use of noise specifications for a 55 MVA Virginia Transformer Corporation (VTC) substation transformer, or equivalent; and,
- Replacing of the Line Reactor (26 MVAR) with different type of a reactor known as Shunt Reactor rated at 7.5 MVAR.

The analysis completed in this assessment confirms that the proposed Project complies with the daytime and night-time noise criteria as defined in the MOECC Noise Pollution Control Publication *NPC-300 Environmental Noise Guideline's* Class 3 Areas (Rural), for all sources assessed in this study.

10. REFERENCES

Industrial Noise Control Fundamentals and Applications, Bell, Lewis H., Marcel Dekker, Inc. 1982.

Ministry of Environment Publication NPC-233 Information to be Submitted for Approval of Stationary Sources of Sound, October 1995.

Ministry of Environment Publication NPC-300 Environmental Noise Guidelines – Stationary and Transportation Sources – Approval and Planning, August 2013.

Transformers, Regulators and Reactors, NEMA Standards Publication No. TR 1-1993 (R 2000), National Electrical Manufacturers Association.

DISCLOSURE

This revised Noise Study Report has been prepared based on the information provided and/or approved by Windsor Solar LP. This report was prepared by Dillon for the sole benefit of WSLP to satisfy reporting requirements for the Ontario Ministry of the Environment and Climate Change. The material in the report reflects Dillon's judgment in light of the information available to Dillon at the time of this report preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust that the report is to your satisfaction. Please do not hesitate to contact the undersigned if you have any further questions on this report.

Respectfully Submitted:

DILLON CONSULTING LIMITED

Amir A. Iravani, Ph.D., P.Eng.

Associate

APPENDIX A

Manufacturer's Equipment Specifications

Acoustic Environmental Test

SC 800CP-US central inverter

(Extract of Test report SC800CP-US-91:LE1613)

1 Overview

Project title:	SC800CP-US
Type of test / thresholds and requirements:	Sound level measurement according to DIN EN ISO 3744:2011-02 and DIN EN ISO 9614-2:2010-11 of sinusoidal, irregularly shaped, transient signals. Classification of ambient conditions in compliance with the German Noise Control Guidelines (TA Lärm). (according to Section 2)
Type of device:	e.g. solar central inverter for large-scale PV power plants
Type designation:	SC800CP-US
Test specification:	Level of emissions according to the German Noise Control Guidelines and acoustic power

2 Results

The EN 3744:04/2005 and German Noise Control Guidelines form the testing specification for the thresholds and requirements	Requirement		Results [dBA]/ without fan (distance 1m)	Results [dBA]/ with fan (distance 1m)
	Standard (Germany)	SMA		
EN 3744:2011-02 typical value; LAeq averaged [1]	-	-	-	78,74
§48 of the German Federal Emission Control ACT (BImSchG): 09-2002 German Noise Control Guidelines; L_{pa} [2]	-	-	-	77,81
EN 9614-2 sound power L_{WA} [3]	-	-	-	92,30
Sound pressure level in 10m L_{xpA} [4]	-	-	-	64,31
Sound pressure level in 50m L_{xpA} [4]	-	-	-	50,32
Overall result (if applicable)			*Standard requirments: - passed	

* Dependent on the local conditions at the mounting location (distance of 10m standard)

3 Operating States

The following states and configurations have been defined as operating conditions:

- Operation of the inverter.
- Operating conditions: UDC =820 V; 800 kW
- The device fans must be running.
- The unit under test must have reached its operating temperature.
- The unit under test must have reached an operating temperature of 25°C.

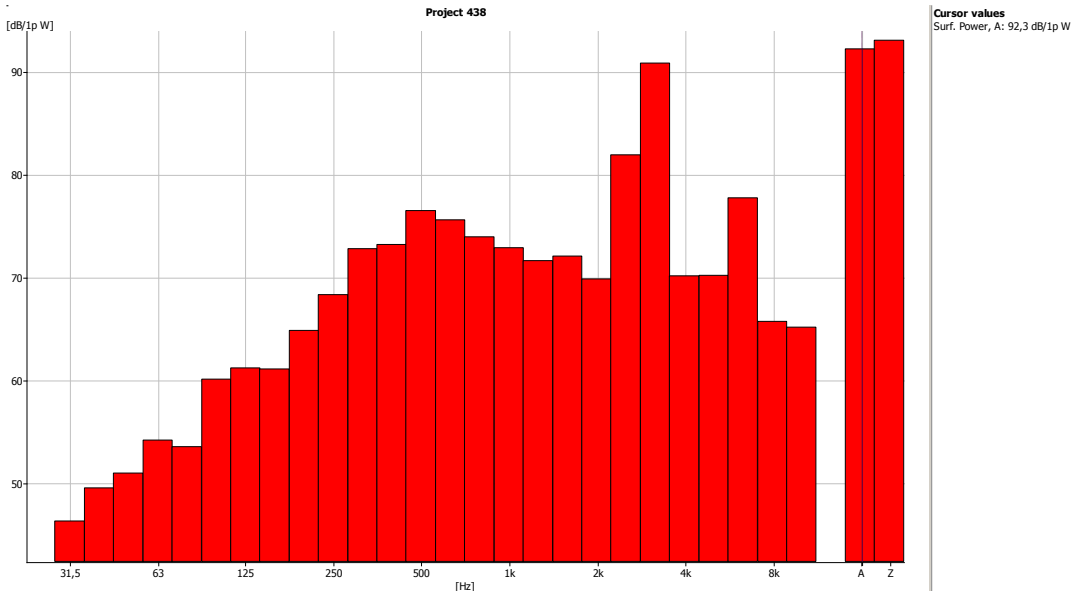
4 Calculating the Acoustic Power

L_{pA} =	average sound pressure level on the measurement surface [dB_A] *	77.81
S =	overall measurement surface [m^2]	28.09
S_0 =	1 [m^2]	

* This specified spatially/temporally averaged sound pressure level was determined using the calcu-lated acoustic power level.
$L_{PA} = L_{WA} - 10\log (S/S_0)$

Acoustic power of L_{WA}= 92,3 dBA/W results for the measurement.

Acoustic Power Levels of the Third Octave Band Frequencies According to EN ISO 9614-2



A-rated sound power = 92.3 $dB_{A/W}$

Z-rated sound power = 93.1 $dB_{A/W}$

A-rated acoustic power – based on physiologic human hearing

Z-rated acoustic power – technically linear measured value

5 Overview of the Acoustic Power

Third octave band center frequency [Hz]	Acoustic power- level LwA [dBA/pW] 880 kW	Acoustic power- level LwZ [dBA/pW] 880 kW
25 Hz	42,33	–
31.5 Hz	46,34	–
40 Hz	49,56	–
50 Hz	51	–
63 Hz	54,21	–
80 Hz	53,57	–
100 Hz	60,14	–
125 Hz	61,23	–
160 Hz	61,13	–
200 Hz	64,88	–
250 Hz	68,36	–
315 Hz	72,83	–
400 Hz	73,24	–
500 Hz	76,54	–
630 Hz	75,64	–
800 Hz	73,99	–
1 kHz	72,93	–
1.25 kHz	71,67	–
1.6 kHz	72,11	–
2 kHz	69,89	–
2.5 kHz	81,96	–
3.15 kHz	90,89	–
4 kHz	70,19	–
5 kHz	70,24	–
6.3 kHz	77,78	–
8 kHz	65,76	–
10 kHz	65,2	–
Acoustic power above the surface	A-rated	Z-rated
	92,3	93.1

6 Deriving the Emission Sound Pressure Level at a Distance

The calculated acoustic power can be used to derive an A-rated sound pressure level L_{xpA} for undirected sources at any distance x.

$$LxpA = LwA + Ko - 10 \cdot \log\left(4 \cdot \pi \cdot \frac{X^2}{So}\right)$$

K_0 = solid angle index on the floor 3 [dB]
X = distance from the source [m]
S_0 = 1 m

Device	Distance X [m]	Sound pressure level LxpA [dBA] without fan	Sound pressure level LxpA [dBA] with fan
SC800CP-US	10	–	64,30
	50	–	50.33

7 Appendix - Calculations

deriving sound pressure level at a distance

LxpA = LWA + K0 - 10log (4*PI*(x^2/S0))

LWA 92,3dB
K0 3dB
x 10m
S0 1m

LxpA 64,31dBA

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June 17, 2013

To whom it may concern:

The purpose of this letter is to confirm that the SMA SC 800CP-CA inverter is in every way technically equivalent to the SC 800CP-US inverter. The only difference between these two inverters is that the CP-CA is manufactured at Celestica to meet the local content requirements of projects in Ontario.

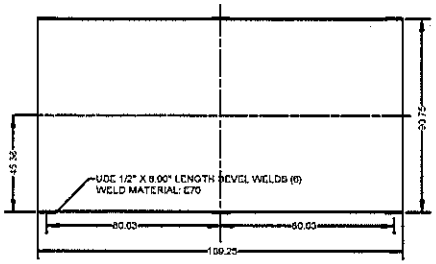
The installation manual and operators manual call out both the "CP-CA" and "CP-US" inverter names. A datasheet with the "CP-CA" name is currently being drafted and SMA will send that datasheet to you as soon as possible.

SMA values our established partnership and we look forward to supporting your PV solar projects in Ontario and the rest of the world. Should you have any questions or need additional information, please do not hesitate to contact me or anyone on the SMA team.

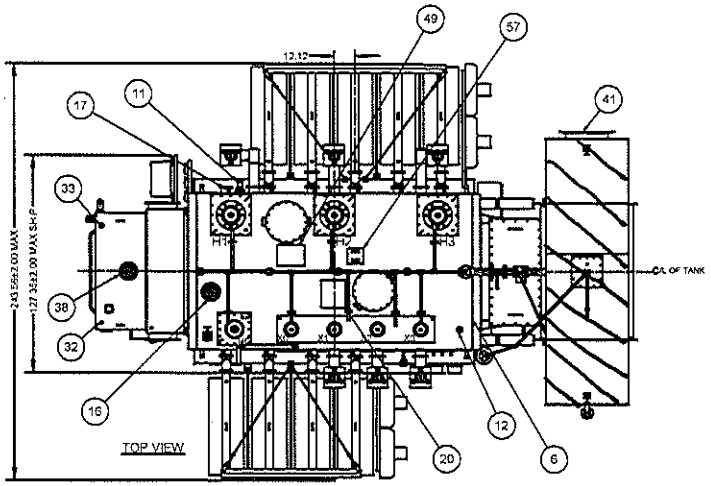
Sincerely,

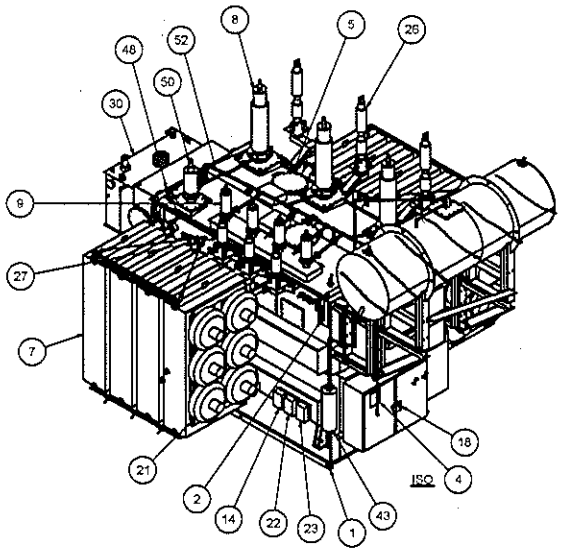
Ken Christensen
Global Product Manager, North America

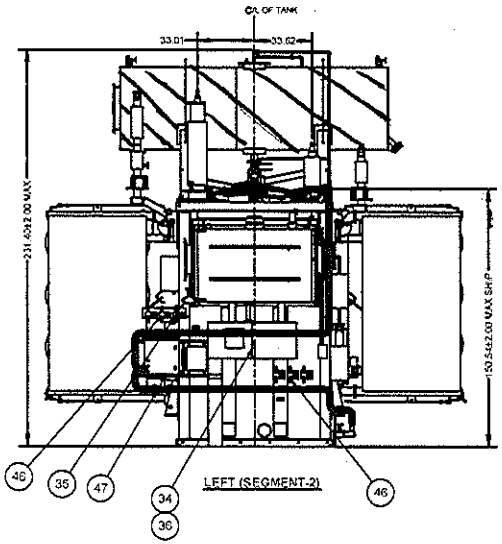
For Reference Only

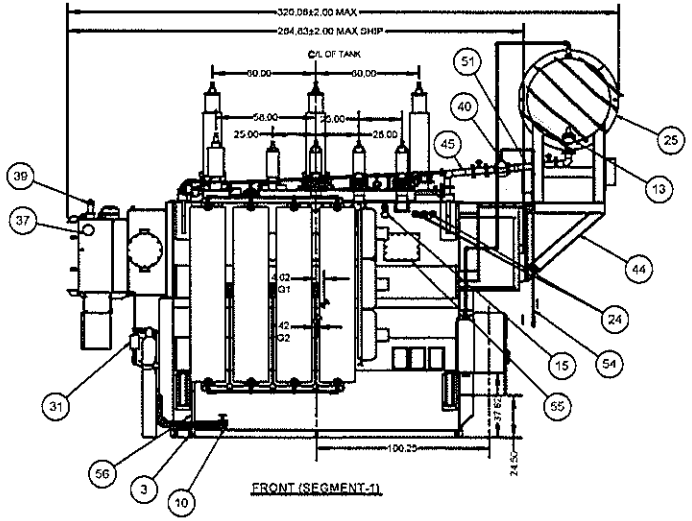


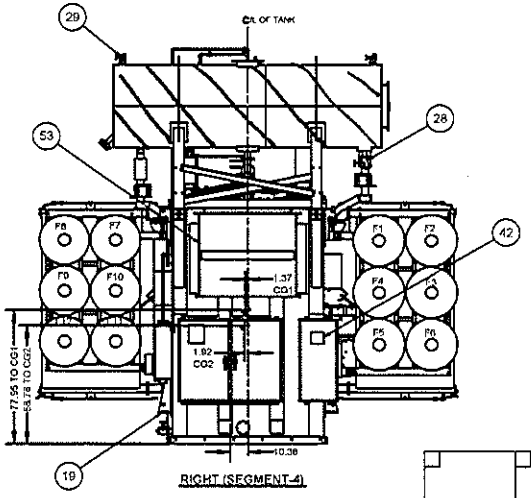
BASE DETAIL (WELD TO FOUNDATION)











Customer:

NOTE:
REFER SHEET 101.1 FOR ITEM DESCRIPTION AND NOTES

Warranty Field Work:
If, at the job site, the equipment is found to have not conformed to specifications or needs re-work covered under warranty, all parties concerned shall provide full access to Virginia Transformer Corp. or their representatives to work on the unit(s) at the job site. The method of repair/re-work will be determined solely by Virginia Transformer Corp.

TOLERANCES
IF NO TOLERANCES SHOWN ±0.5[12.7] OTHERWISE:
∧ ±0.25(6.3)
o ±1.0(25.4)

ALL DIMENSIONS IN INCHES & [IN mm IF SHOWN IN PARENTHESIS]

THIS DOCUMENT IS INTENDED FOR COORDINATION PURPOSES ONLY. OTHER USES ARE PROHIBITED EXCEPT BY WRITTEN PERMISSION OF VTC

HA060A-101.idw

VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-0892

TITLE: DIMENSIONAL OUTLINE JOB # HA060A
DWN: RCV CHK: REW DATE: 12/8/15
D 48033MA005U SHEET 101 REVISION 0

For Reference Only

ITEMS:
1. PROVISION ON BASE FOR SKIDDING
2. TRANSFORMER LIFTING LUGS (4)
3. STAINLESS STEEL GROUND PAD, LOCATED ON DIAGONALLY OPPOSITE SIDE OF TANK
4. STAINLESS STEEL DIAGRAMMATIC NAMEPLATE
5. 20" DIA MANHOLES WITH COVER (2)
6. WELDED TOP COVER WITH SLOPES FROM CENTERLINE
7. COOLING RADIATORS (9), HOT DIPPED GALVANIZED, UNPAINTED, DEMOUNTABLE WITH ISOLATION VALVES, LIFTING EYES AND 1/2" DRAIN AND VENT PLUGS
8. HV DRAWLEAD BUSHING, 138 kV, 650 kV BIL, 800A (3), ABB MAKE, WITH 1.50" SILVER PLATED STUD
9. LV AND LV NEUTRAL BOTTOM CONNECTED BUSHING, 34.5 kV, 200 kV BIL, 1200A (4), PCORE, WITH WITH 1.50" SILVER PLATED STUD
10. 2" COMBINATION LOWER DRAIN AND FILTER VALVE, FLANGED TYPE, WITH 3/8" SAMPLER AND PLUG.
11. 2" UPPER FILTER VALVE,FLANGED TYPE, WITH PLUG
12. VTC PRESSURIZATION TEST POINT/GAS INJECTION POINT WITH 1/2" BALL VALVE
13. ~~CONSERVATOR LIQUID LEVEL GAUGE~~
14. OIL TEMPERATURE GAUGE WITH CONTACTS
15. PRESSURE VACUUM GAUGE (FOR SHIPPING ONLY)
16. PRESSURE RELIEF DEVICE WITH CONTACTS AND FLAG
17. PROVISION FOR 1 EXTRA RADIATOR
18. CONTROL BOX, NEMA 4, 60 x 48 x 18
19. JACK PADS (4) WITH PULLING EYES
20. BOX FOR LV CT FEED-THRU'S AND CORE GROUND BUSHINGS (MAIN & PA)
21. COOLING FANS (12), MOUNTED ON BRACKETS
22. HV WINDING TEMPERATURE GAUGE, SIMULATION SYSTEM, WITH CONTACTS
23. LV WINDING TEMPERATURE GAUGE, SIMULATION SYSTEM, WITH CONTACTS
24. THERMOWELLS FOR TEMPERATURE GAUGES AND RTD (4), MOUNTED ON FLANGE
25. ~~CONSERVATOR WITH DIAPHRAGM AIR BLADDER~~
26. HV STATION CLASS ARRESTER, POLYMER, 94 kV, 73 kV MCOV, ABB MAKE
27. LV STATION CLASS ARRESTER, POLYMER, 27 kV, 22 kV MCOV, ABB MAKE
28. ~~CONSERVATOR CLAMP WITH DRAIN VALVE~~
29. ~~2" CONSERVATOR FILL VALVE~~
30. LOAD TAP CHANGER SWITCH COMPARTMENT, TYPE RMV-II, 26.4 kV, 1500A
31. LTC DE-HYDRATING BREATHER, WITH TUBING AND SHUT OFF VALVE
32. 1" LTC OIL FILLING PLUG
33. 2" LTC VACUUM FILLING PLUG
34. LTC POSITION INDICATOR WITH DRAG HAND
35. 2" LTC DRAIN VALVE WITH 3/8" SAMPLER AND PLUG, FLANGED GLOBE TYPE
36. LTC HAND CRANK OPERATING LOCATION
37. LTC LIQUID LEVEL GAUGE WITH CONTACTS
38. LTC PRESSURE RELIEF DEVICE WITH CONTACTS AND FLAG
39. LTC SUDDEN PRESSURE RELAY
40. BUCHHOLZ RELAY WITH ISOLATION VALVES (BALL TYPE)
41. BOLTED ACCESS COVER ON CONSERVATOR
42. AUTOMATIC TRANSFER SWITCH
43. DE-HYDRATING BREATHER FOR CONSERVATOR AIR BLADDER
44. SUPPORT FOR CONSERVATOR
45. 3" PIPING FROM CONSERVATOR TO TANK
46. SURGE COUNTERS FOR HV AND LV ARRESTERS (6)
47. SERVERON TM3 ON-LINE DGA MONITOR
48. 2" VACUUM VALVE, FLANGED GLOBE TYPE
49. BOX FOR HV CT FEED-THRU'S
50. HV NEUTRAL DRAW LEAD BUSHING, 46 kV, 250 kV BIL, 400A (4), PCORE MAKE, WITH 1.50" SILVER PLATED STUD
51. FLEXIBLE PIPE CONNECTOR
52. GAS COLLECTING PIPE
53. COMPARTMENT FOR PREVENTIVE AUTO TRANSFORMER
54. STAINLESS STEEL PIPING FOR BUCHHOLZ RELAY GAS SAMPLING VALVE
55. HANDHOLE (4) FOR LV INTERNAL BOTTOM CONNECTION
56. 1/4 X 2.00 COPPER GROUND BUS WITH INSULATORS FOR H0 AND X0 BUSHINGS
57. FALL PROTECTION PLATE

NOTES:
1. TYPE II MINERAL OIL FILLED TRANSFORMER, APPROXIMATELY 8,600 GALLONS
2. OUTDOOR SERVICE
3. PAINT: ANSI-70, URETHANE OVER EPOXY (VTC PAINT SYSTEM III), TANK INSIDE AND CORE CLAMPS PAINTED WHITE, TOP COVER AND LTC TOP WITH ANTI-SKID COATING.
4. TOUCH UP PAINT KIT PROVIDED
5. ~~UNIT DESIGNED FOR CONSERVATOR TYPE OIL PRESERVATION SYSTEM.~~
6. SEE 20 SERIES SHEETS FOR SCHEMATIC
7. ACCESSORY WIRING IN RIGID GALVANIZED STEEL CONDUIT; FINAL SHORT RUNS MAY BE FLEXIBLE LIQUID TIGHT CONDUIT; FANS WILL BE HARDWIRED TO THE FAN BOX
8. CG1 IS FULLY ASSEMBLED, CG2 IS AS SHIPPED
9. UNIT DESIGNED FOR FULL VACUUM OIL FILLING
10. UNIT SHIPS WITH FOLLOWING ITEMS DEMOUNTED;

ITEM:	SHIPPING WEIGHT:
HV BUSHINGS/ HV PADS	1,000 LBS
LV/X0/H0 BUSHING & SPADE	450 LBS
SFRA TEST BUSHINGS/PLATES	150 LBS
HV/LV ARRESTERS & BRACKETS	475 LBS
RADIATORS AND FANS WITH BRACKET	19,100 LBS
CONSERVATOR	4,500 LBS
B'RELAY PIPE & GAS EXP. PIPE	500 LBS
OIL IN TANKER (8,400 GALLONS)	63,000 LBS
MAIN UNIT	125,825 LBS
268 GALLONS OF OIL SHIP INSIDE LTC	
132 GALLONS OF OIL REMAINS IN MAIN TANK	
UNIT SHIPS WITHOUT OIL, FILLED WITH DRY AIR	

11. UNIT DESIGNED FOR OPERATION AT MINIMUM AMBIENT - 20deg C, 45deg C MAX AMBIENT AND 3300 FT ELEVATION
12. GASKET COMPRESSION CONTROL VIA MACHINED GROOVE FLANGES OR METAL TO METAL STOPS EXCEPT FOR ITEMS MOUNTED IN BOXES
13. CONTRACTED DOCUMENTS SHIP INSIDE CONTROL BOX
14. ALL EXTERNAL HARDWARE IS TO BE STEEL ZINC
15. UNIT DESIGNED FOR HIGH LEVEL SEISMIC REQUIREMENTS OF IEEE 693-2005
16. UNIT SHIPS WITH IMPACT RECORDER
17. UNTANKING HEIGHT 258.25" PLUS SLINGS
18. ALL TANK SEAMS ARE WELDED FROM INSIDE AND OUTSIDE, NO CORNER WELDS WITHIN 6" OF CORNER
19. EACH DEVICE, VALVE OR GAUGE TO BE IDENTIFIED USING ENGRAVED SSTL TAGS
20. 5 YEARS EXTENDED WARRANTY IS PROVIDED
21. SFRA TEST TO BE PROVIDED AT FACTORY AND AT SITE, IN TRANSPORT READY AND FULLY ASSEMBLED CONDITION AT BOTH LOCATIONS (8 TEST BUSHINGS REQUIRED)

Liquid Filled Transformer Data:
MOD/SN: 48033MA005U/HA606A MVA: 33/44/55 AT 65°C RISE

3 PHASE, 60 Hz CLASS: ONAN/ONAF/ONAF
IMP: 8.00 +/- 7.50 % NOM. WT: 215,000 LBS
WINDINGS: COPPER

LV LOAD TAPS: +/- 16 X 0.625%
HV: 115,000 Grd Y / 66,395 V, 550 kV BIL, 276 A NOM @ 55 MVA
LV: 34,500 Grd Y / 19919V, 200 kV BIL, 920 A @ 55 MVA
TV: 13,800 V DELTA, 110 kV BIL, UNLOADED

Customer:
Project:

Warranty Field Work:
If, at the job site, the equipment is found to have not conformed to specifications or needs re-work covered under warranty, all parties concerned shall provide full access to Virginia Transformer Corp. or their representatives to work on the unit(s) at the job site. The method of repair/re-work will be determined solely by Virginia Transformer Corp.

TOLERANCES
IF NO TOLERANCES SHOWN ±0.5(12.7) OTHERWISE:
Δ ±0.25(6.3)
○ ±1.0(25.4)

ALL DIMENSIONS IN INCHES & (IN mm) IF SHOWN IN PARENTHESIS

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HA606A-101.1.idw

VT VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-9892

TITLE: DIMENSIONAL OUTLINE JOB # HA606A
DWN: RGV CHK: DEW DATE: 10/9/15
D 48033MA005U SHEET 101.1 REVISION 0

Substation Transformer 55 MVA - Sound Power reverse calc (ONAF) - including Tonal Penalty

Height	3.8	m
Length	6.7	m
Width	6.2	m
Vertical Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	133.62	m^2
Horizantal Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	74	m^2
Total Surface area	207.9	m^2

Lw = Lp + 10 x log (S)

Fan on	Lp	83
	Lw	106.2

Lp: Sound pressure level
Lw: Sound Power Level
Note: Transformer dimensions are based on Virgina Transformer Corp. drawing No. D-48033MA005U

Fan on

Centre Frequency	Corr1	Corr2	PWL (Linear)	A-weighted correction	PWL (A-weighted)	PWL + 5 dB tonal penalty
31.5	-1	-2.4	102.78	-39.4	63.38	68.38
63	5	-2.4	108.78	-26.2	82.58	87.58
125	7	-2.4	110.78	-16.1	94.68	99.68
250	2	-2.4	105.78	-8.6	97.18	102.18
500	2	-2.4	105.78	-3.2	102.58	107.58
1000	-4	-2.4	99.78	0	99.78	104.78
2000	-9	-2.4	94.78	1.2	95.98	100.98
4000	-14	-2.4	89.78	1	90.78	95.78
8000	-21	-2.4	82.78	-1.1	81.68	86.68
Overall:			**114.8**		**106.2**	**111.2**

1.6 MVA Inverter Transformer - Sound Power Calc. based on conservative noise rating of 70 dBA (ONAN)

Tranformer Length	120.0	in.
Transformer Width	90.0	in.
Transformer Height	90.0	in.
Horizontal surface area (transformer top + 0.3m)	16319	$in.^2$
Vertical Surface area (+ 0.3m in each direction)	46304	$in.^2$
	435	ft^2
Total Surface area	40.4	m^2

Lw = Lp + 10 x log (S)

Lp	70
Lw	86.1

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	A-weighted correction	PWL (A-weighted)
31.5	-1	-2.4	82.67	87.67	-39.4	48.27
63	5	-2.4	88.67	93.67	-26.2	67.47
125	7	-2.4	90.67	95.67	-16.1	79.57
250	2	-2.4	85.67	90.67	-8.6	82.07
500	2	-2.4	85.67	90.67	-3.2	87.47
1000	-4	-2.4	79.67	84.67	0	84.67
2000	-9	-2.4	74.67	79.67	1.2	80.87
4000	-14	-2.4	69.67	74.67	1	75.67
8000	-21	-2.4	62.67	67.67	-1.1	66.57
Overall:			**94.7**	**99.7**		**91.0**

Lp: Sound pressure level

Lw: Sound Power Level

Note: The calculations are based on a conservative noise rating for the transformer. At this point the final selection of transformers is not complete. It is expected that the final selection of transformer would have lower noise levels.

Transformer dimensions are estimated based on transformers with similar power rating.

NEPSI
Northeast Power Systems, Inc.
66 Carey Road Queensbury, NY 12804
Ph: (518) 792-4776 Fax: (518) 792-5767
www.nepsi.com paul.steciuk@nepsi.com

Date: February 17, 2016

Pages: 1

Reference: **Iron-Core Reactor Noise Level**
Order: EPTCON PO Number: 001526-001080
Project Name: Windsor Solar Farm - SU

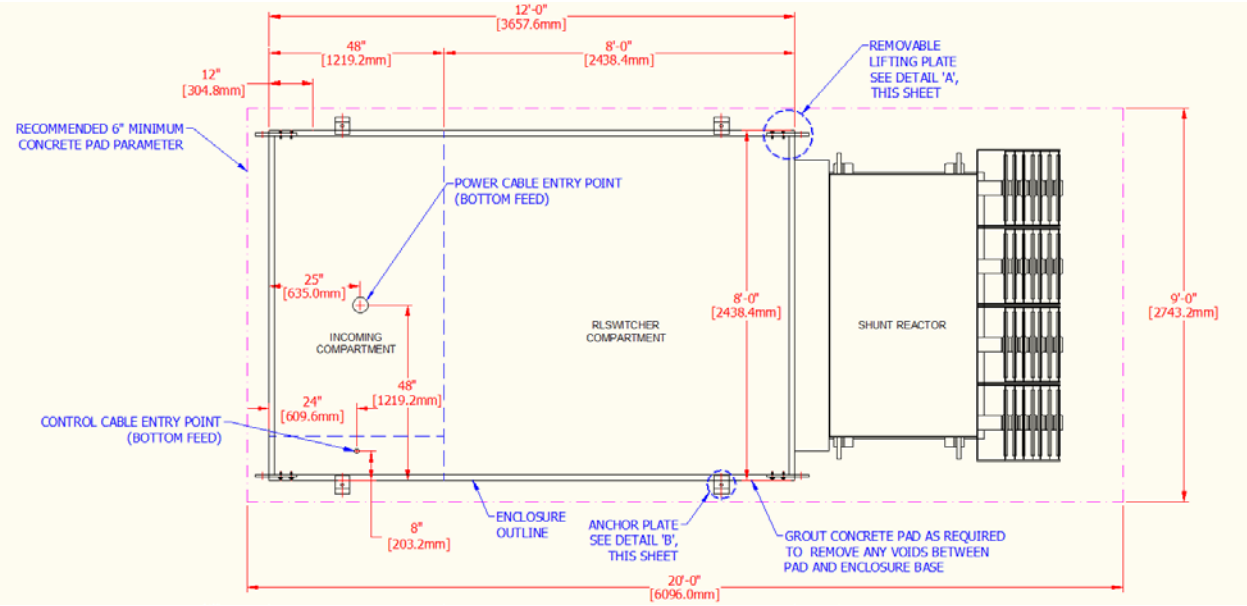
Purpose
The purpose of this document is to present the expected sound level for the 7.5 MVAR shunt reactor for the above referenced project.

Applicable Standard*: C57.21 – 2008, IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Reactor Data:
Nominal Voltage Rating: **34.5kV** Rated Current: **125.5 Amps**
Maximum Voltage Rating: **38kV**
Electrical Withstand: Impulse: **150kV** 60Hz 1 Min: **80kV**
KVA Rating: **7,500**

Considerations:
Estimated sound pressure based on C57.21 – 2008 standard, Average | A-Weighted Measurement Characteristic, Reactor operation at nominal voltage, 60 Hertz current (no voltage distortion), microphone placement at 1 meter intervals around the periphery, and 0.3 meters from reference-sound-producing surface (per section 10.6.4.1 and 10.6.4.2 of C57.21 - 2008).

7.5 MVAR Switched Shunt Reactor Bank	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Sound Power Level (dB(A))		82						



Note: Reactors cannot be tested at factory for sound due to kVA rating.

Shunt Reactor 7.5 MVAR - Sound Power Calc

Lw	Manufacturer Specification	82 dB

Centre Frequency	Corr1	Corr2	PWL (Linear)	A-weighted correction	PWL (A-weighted)	PWL + 5 dB tonal penalty
31.5	-1	-2.4	78.60	-39.4	39.20	44.2
63	5	-2.4	84.60	-26.2	58.40	63.4
125	7	-2.4	86.60	-16.1	70.50	75.5
250	2	-2.4	81.60	-8.6	73.00	78.0
500	2	-2.4	81.60	-3.2	78.40	83.4
1000	-4	-2.4	75.60	0	75.60	80.6
2000	-9	-2.4	70.60	1.2	71.80	76.8
4000	-14	-2.4	65.60	1	66.60	71.6
8000	-21	-2.4	58.60	-1.1	57.50	62.5
Overall:			**90.6**		**82.0**	**87.0**

APPENDIX B

CADNA Noise Modelling and Calculations

Receiver: Existing Noise Receptor
ID: R1
X: 339822
Y: 4683880
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1451.34	4.15	0	74.24	0	-0.81	0	0	3.39	0	0	0	0	0	0	34.36	34.36
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1107.51	3.25	0	71.89	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.37	17.37
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1131.4	3.25	0	72.07	0	-0.18	0	0	11.32	0	0	0	0	0	0	17.1	17.1
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1132.46	3.25	0	72.08	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.09	17.09
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1178.35	3.25	0	72.43	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.59	16.59
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1182.56	3.25	0	72.46	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.54	16.54
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1231.21	3.25	0	72.81	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.03	16.03
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1268.54	3.25	0	73.07	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.65	15.65
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1309.3	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1335.03	3.25	0	73.51	0	-0.1	0	0	11.9	0	0	0	0	0	0	15	15
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1381.19	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1421.76	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1432.23	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1445.83	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1452.53	3.25	0	74.24	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.92	13.92
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1461.36	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1562.64	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1580.69	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.82	12.82
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1587.81	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1596.9	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.68	12.68
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1622.24	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1623.89	3.25	0	75.21	0	0.01	0	0	12.62	0	0	0	0	0	0	12.47	12.47
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1632.57	3.25	0	75.26	0	0.01	0	0	12.65	0	0	0	0	0	0	12.4	12.4
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1634.79	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1658.66	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.19	12.19
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1690.14	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1757.93	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.42	11.42
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1803.36	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1803.44	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1820.74	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.96	10.96
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1978.15	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.85	9.85
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1481.26	3.5	0	74.41	0	3.11	0	0	1.39	0	0	0	0	0	0	17.72	17.72
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1110.02	3.25	0	71.91	0	0.31	0	0	2.74	0	0	0	0	0	0	16.12	16.12
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1132.3	3.25	0	72.08	0	0.31	0	0	2.78	0	0	0	0	0	0	15.9	15.9
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1134.22	3.25	0	72.09	0	0.31	0	0	2.79	0	0	0	0	0	0	15.88	15.88
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1173.89	3.25	0	72.39	0	0.32	0	0	2.87	0	0	0	0	0	0	15.49	15.49
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1185.19	3.25	0	72.48	0	0.33	0	0	2.89	0	0	0	0	0	0	15.39	15.39
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1234.41	3.25	0	72.83	0	0.34	0	0	2.98	0	0	0	0	0	0	14.92	14.92
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1273.4	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.57	14.57
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1304.93	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	14.29	14.29
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1331.51	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	14.05	14.05
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1380.1	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	13.64	13.64
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1423.55	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1432.63	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1448.35	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	13.07	13.07
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1451.29	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1465.94	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1557.01	3.25	0	74.85	0	0.42	0	0	3.59	0	0	0	0	0	0	12.22	12.22
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1581.76	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1583	3.25	0	74.99	0	0.43	0	0	3.64	0	0	0	0	0	0	12.02	12.02
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1601.26	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1622.36	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.73	11.73
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1622.36	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.73	11.73
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1633.17	3.25	0	75.26	0	0.44	0	0	3.73	0	0	0	0	0	0	11.64	11.64
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1634.34	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.64	11.64
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1657.74	3.25	0	75.39	0	0.45	0	0	3.77	0	0	0	0	0	0	11.46	11.46
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1684.69	3.25	0	75.53	0	0.46	0	0	3.82	0	0	0	0	0	0	11.27	11.27
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1756.52	3.25	0	75.89	0	0.48	0	0	3.95	0	0	0	0	0	0	10.76	10.76
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1803.21	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1803.67	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.43	10.43
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1821.5	3.25	0	76.21	0	0.5	0	0	4.06	0	0	0	0	0	0	10.31	10.31

	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1978.08	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.28	9.28
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1462.13	3.77	0	74.3	0	-0.63	0	0	3.41	0	0	0	0	0	0	9.89	9.89
imit. Value D/N:	0	0																								
Level D/N:	36.2451	36.2451																								

Receiver: Existing Noise Receptor
ID: R2
X: 339851
Y: 4683865
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1419.61	4.15	0	74.04	0	-0.82	0	0	3.34	0	0	0	0	0	0	34.62	34.62
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1081.99	3.25	0	71.68	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.66	17.66
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1109.88	3.25	0	71.91	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.34	17.34
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1112.59	3.25	0	71.93	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.31	17.31
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1146.78	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.93	16.93
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1154.71	3.25	0	72.25	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.84	16.84
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1201.19	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.34	16.34
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1236.28	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.98	15.98
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1276.66	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1303.98	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1361.39	3.25	0	73.68	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.75	14.75
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1399.04	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1413.22	3.25	0	74	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.27	14.27
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1415.32	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.25	14.25
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1420.06	3.25	0	74.05	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1429.58	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1530.25	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1555.6	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.03	13.03
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1560.11	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1564.27	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1600.86	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1607	3.25	0	75.12	0	0.01	0	0	12.58	0	0	0	0	0	0	12.6	12.6
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1614.46	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1622.33	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1649.58	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.26	12.26
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1657.53	3.25	0	75.39	0	0.02	0	0	12.7	0	0	0	0	0	0	12.2	12.2
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1736.67	3.25	0	75.79	0	0.05	0	0	12.89	0	0	0	0	0	0	11.58	11.58
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1786.84	3.25	0	76.04	0	0.07	0	0	13	0	0	0	0	0	0	11.21	11.21
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1789.85	3.25	0	76.06	0	0.07	0	0	13.01	0	0	0	0	0	0	11.18	11.18
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1801.74	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1963.72	3.25	0	76.86	0	0.12	0	0	13.39	0	0	0	0	0	0	9.95	9.95
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1449.6	3.5	0	74.22	0	3.1	0	0	1.37	0	0	0	0	0	0	17.93	17.93
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1084.4	3.25	0	71.7	0	0.3	0	0	2.69	0	0	0	0	0	0	16.38	16.38
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1111.53	3.25	0	71.92	0	0.31	0	0	2.74	0	0	0	0	0	0	16.11	16.11
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1113.35	3.25	0	71.93	0	0.31	0	0	2.75	0	0	0	0	0	0	16.09	16.09
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1142.35	3.25	0	72.16	0	0.32	0	0	2.8	0	0	0	0	0	0	15.8	15.8
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1157.28	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	15.65	15.65
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1204.35	3.25	0	72.62	0	0.33	0	0	2.93	0	0	0	0	0	0	15.2	15.2
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1241.12	3.25	0	72.88	0	0.34	0	0	3	0	0	0	0	0	0	14.86	14.86
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1272.29	3.25	0	73.09	0	0.35	0	0	3.06	0	0	0	0	0	0	14.58	14.58
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1300.49	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	14.33	14.33
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1360.42	3.25	0	73.67	0	0.37	0	0	3.22	0	0	0	0	0	0	13.81	13.81
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1400.74	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	13.47	13.47
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1415.62	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.34	13.34
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1415.88	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.34	13.34
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1418.68	3.25	0	74.04	0	0.39	0	0	3.33	0	0	0	0	0	0	13.32	13.32
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1434.13	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1524.61	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1550.81	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.27	12.27
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1561.09	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	12.19	12.19
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1568.63	3.25	0	74.91	0	0.43	0	0	3.61	0	0	0	0	0	0	12.13	12.13
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1599.39	3.25	0	75.08	0	0.44	0	0	3.67	0	0	0	0	0	0	11.9	11.9
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1607.01	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	11.84	11.84
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1614.97	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	11.78	11.78
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1621.77	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.73	11.73
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1648.57	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1652.08	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1735.34	3.25	0	75.79	0	0.47	0	0	3.91	0	0	0	0	0	0	10.91	10.91

	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1787.07	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1789.53	3.25	0	76.05	0	0.49	0	0	4	0	0	0	0	0	0	10.53	10.53
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1802.42	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1963.56	3.25	0	76.86	0	0.53	0	0	4.3	0	0	0	0	0	0	9.38	9.38
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1430.48	3.77	0	74.11	0	-0.63	0	0	3.36	0	0	0	0	0	0	10.14	10.14
imit. Value D/N:	0	0																								
Level D/N:	36.4921	36.4921																								

Receiver: Existing Noise Receptor
ID: R3
X: 339844
Y: 4683878
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1429.51	4.15	0	74.1	0	-0.82	0	0	3.35	0	0	0	0	0	0	34.54	34.54
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1096.7	3.25	0	71.8	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.49	17.49
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1124.3	3.25	0	72.02	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.18	17.18
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1126.37	3.25	0	72.03	0	-0.19	0	0	11.31	0	0	0	0	0	0	17.16	17.16
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1160.71	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.78	16.78
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1169.46	3.25	0	72.36	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.68	16.68
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1215.69	3.25	0	72.7	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.19	16.19
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1249.62	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.84	15.84
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1289.12	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.45	15.45
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1318.18	3.25	0	73.4	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.16	15.16
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1375.37	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.62	14.62
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1413.49	3.25	0	74.01	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.27	14.27
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1425.01	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.16	14.16
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1428.71	3.25	0	74.1	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.13	14.13
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1433.07	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1443.37	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	14	14
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1541.32	3.25	0	74.76	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.15	13.15
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1569.02	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.91	12.91
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1574.23	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1576.74	3.25	0	74.96	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.85	12.85
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1615.34	3.25	0	75.17	0	0.01	0	0	12.6	0	0	0	0	0	0	12.53	12.53
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1620.01	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.5	12.5
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1628.11	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.43	12.43
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1634.63	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1660.91	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1669.32	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1750.91	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.47	11.47
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1800.15	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1802.45	3.25	0	76.12	0	0.07	0	0	13.03	0	0	0	0	0	0	11.09	11.09
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1815.58	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	10.99	10.99
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1976.54	3.25	0	76.92	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1459.4	3.5	0	74.28	0	3.1	0	0	1.38	0	0	0	0	0	0	17.86	17.86
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1099.12	3.25	0	71.82	0	0.3	0	0	2.72	0	0	0	0	0	0	16.23	16.23
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1125.96	3.25	0	72.03	0	0.31	0	0	2.77	0	0	0	0	0	0	15.96	15.96
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1127.16	3.25	0	72.04	0	0.31	0	0	2.77	0	0	0	0	0	0	15.95	15.95
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1156.3	3.25	0	72.26	0	0.32	0	0	2.83	0	0	0	0	0	0	15.66	15.66
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1172.02	3.25	0	72.38	0	0.32	0	0	2.86	0	0	0	0	0	0	15.51	15.51
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1218.85	3.25	0	72.72	0	0.34	0	0	2.95	0	0	0	0	0	0	15.07	15.07
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1254.45	3.25	0	72.97	0	0.34	0	0	3.02	0	0	0	0	0	0	14.74	14.74
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1284.76	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.47	14.47
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1314.7	3.25	0	73.38	0	0.36	0	0	3.14	0	0	0	0	0	0	14.2	14.2
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1374.38	3.25	0	73.76	0	0.38	0	0	3.25	0	0	0	0	0	0	13.69	13.69
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1415.19	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.35	13.35
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1428.91	3.25	0	74.1	0	0.39	0	0	3.35	0	0	0	0	0	0	13.23	13.23
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1429.03	3.25	0	74.1	0	0.39	0	0	3.35	0	0	0	0	0	0	13.23	13.23
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1430.46	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	13.22	13.22
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1447.91	3.25	0	74.21	0	0.4	0	0	3.39	0	0	0	0	0	0	13.08	13.08
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1535.7	3.25	0	74.73	0	0.42	0	0	3.55	0	0	0	0	0	0	12.38	12.38
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1564.24	3.25	0	74.89	0	0.43	0	0	3.6	0	0	0	0	0	0	12.16	12.16
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1575.23	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1581.1	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1613.87	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	11.79	11.79
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1620.05	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	11.74	11.74
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1628.65	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.68	11.68
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1634.1	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.64	11.64

Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1659.93	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1663.88	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1749.57	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	10.81	10.81
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1800.41	3.25	0	76.11	0	0.49	0	0	4.02	0	0	0	0	0	0	10.46	10.46
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1802.15	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1816.28	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1976.41	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.3	9.3
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1440.26	3.77	0	74.17	0	-0.63	0	0	3.37	0	0	0	0	0	0	10.07	10.07

imit. Value D/N: 0 0

Level D/N: 36.3972 36.3972

Receiver: Existing Noise Receptor
ID: R4
X: 339838
Y: 4683893
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1439.02	4.15	0	74.16	0	-0.82	0	0	3.37	0	0	0	0	0	0	34.46	34.46
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1112.85	3.25	0	71.93	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.31	17.31
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1140.37	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	17	17
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1142.03	3.25	0	72.15	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.98	16.98
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1175.3	3.25	0	72.4	0	-0.16	0	0	11.45	0	0	0	0	0	0	16.62	16.62
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1185.42	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.51	16.51
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1231.13	3.25	0	72.81	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.03	16.03
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1263.4	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.7	15.7
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1301.75	3.25	0	73.29	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.32	15.32
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1333.13	3.25	0	73.5	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.02	15.02
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1391.17	3.25	0	73.87	0	-0.08	0	0	12.05	0	0	0	0	0	0	14.47	14.47
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1429.57	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1436.8	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.06	14.06
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1444.06	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	13.99	13.99
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1446.41	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1457.74	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1552.23	3.25	0	74.82	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.05	13.05
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1582.88	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1589.39	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1590.12	3.25	0	75.03	0	0	0	0	12.54	0	0	0	0	0	0	12.74	12.74
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1631.45	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.4	12.4
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1635.05	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1643.67	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1649.04	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.26	12.26
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1674.45	3.25	0	75.48	0	0.03	0	0	12.74	0	0	0	0	0	0	12.06	12.06
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1681.1	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1766.87	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.35	11.35
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1815.44	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1817.13	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.98	10.98
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1831.27	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1991.4	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1468.8	3.5	0	74.34	0	3.1	0	0	1.39	0	0	0	0	0	0	17.8	17.8
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1115.26	3.25	0	71.95	0	0.31	0	0	2.75	0	0	0	0	0	0	16.07	16.07
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1142.04	3.25	0	72.15	0	0.32	0	0	2.8	0	0	0	0	0	0	15.8	15.8
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1142.84	3.25	0	72.16	0	0.32	0	0	2.81	0	0	0	0	0	0	15.8	15.8
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1170.91	3.25	0	72.37	0	0.32	0	0	2.86	0	0	0	0	0	0	15.52	15.52
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1187.98	3.25	0	72.5	0	0.33	0	0	2.89	0	0	0	0	0	0	15.36	15.36
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1234.27	3.25	0	72.83	0	0.34	0	0	2.98	0	0	0	0	0	0	14.93	14.93
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1268.2	3.25	0	73.06	0	0.35	0	0	3.05	0	0	0	0	0	0	14.62	14.62
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1297.42	3.25	0	73.26	0	0.36	0	0	3.1	0	0	0	0	0	0	14.35	14.35
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1329.66	3.25	0	73.47	0	0.36	0	0	3.17	0	0	0	0	0	0	14.07	14.07
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1390.16	3.25	0	73.86	0	0.38	0	0	3.28	0	0	0	0	0	0	13.55	13.55
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1431.28	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	13.21	13.21
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1442.23	3.25	0	74.18	0	0.39	0	0	3.38	0	0	0	0	0	0	13.12	13.12
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1442.26	3.25	0	74.18	0	0.39	0	0	3.38	0	0	0	0	0	0	13.12	13.12
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1444.4	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	13.11	13.11
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1462.26	3.25	0	74.3	0	0.4	0	0	3.41	0	0	0	0	0	0	12.96	12.96
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1546.63	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.3	12.3
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1578.12	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	12.06	12.06
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1591.13	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	11.96	11.96
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1593.72	3.25	0	75.05	0	0.43	0	0	3.65	0	0	0	0	0	0	11.94	11.94
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1629.97	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.67	11.67

Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1635.1	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.63	11.63
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1644.22	3.25	0	75.32	0	0.45	0	0	3.75	0	0	0	0	0	0	11.56	11.56
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1648.54	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1673.49	3.25	0	75.47	0	0.46	0	0	3.8	0	0	0	0	0	0	11.35	11.35
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1675.68	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.33	11.33
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1765.53	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.7	10.7
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1815.7	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1816.85	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	10.34	10.34
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1831.98	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	10.24	10.24
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1991.29	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	9.2	9.2
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1449.64	3.77	0	74.23	0	-0.63	0	0	3.39	0	0	0	0	0	0	9.99	9.99

imit. Value D/N: 0 0

Level D/N: 36.3018 36.3018

Receiver: Existing Noise Receptor

ID: R5

X: 339828

Y: 4683911

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1453.29	4.15	0	74.25	0	-0.81	0	0	3.4	0	0	0	0	0	0	34.35	34.35
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1133.35	3.25	0	72.09	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.08	17.08
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1160.44	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.78	16.78
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1161.22	3.25	0	72.3	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.77	16.77
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1194.89	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.41	16.41
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1206	3.25	0	72.63	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.29	16.29
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1251.42	3.25	0	72.95	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.82	15.82
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1282.24	3.25	0	73.16	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.52	15.52
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1319.43	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1353.04	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1410.62	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.29	14.29
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1449.67	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1453.59	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.91	13.91
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1462.7	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.83	13.83
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1464.79	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.81	13.81
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1477.14	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1568.05	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.92	12.92
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1601.78	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.64	12.64
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1607.06	3.25	0	75.12	0	0.01	0	0	12.58	0	0	0	0	0	0	12.6	12.6
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1609.77	3.25	0	75.14	0	0.01	0	0	12.59	0	0	0	0	0	0	12.58	12.58
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1651.61	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1653.15	3.25	0	75.37	0	0.02	0	0	12.69	0	0	0	0	0	0	12.23	12.23
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1662.66	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.16	12.16
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1666.16	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.13	12.13
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1690.24	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1697.86	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1786.68	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	11.21	11.21
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1833.95	3.25	0	76.27	0	0.08	0	0	13.1	0	0	0	0	0	0	10.86	10.86
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1834.66	3.25	0	76.27	0	0.08	0	0	13.11	0	0	0	0	0	0	10.86	10.86
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1850.51	3.25	0	76.35	0	0.08	0	0	13.14	0	0	0	0	0	0	10.74	10.74
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2009.23	3.25	0	77.06	0	0.13	0	0	13.48	0	0	0	0	0	0	9.64	9.64
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1482.94	3.5	0	74.42	0	3.11	0	0	1.4	0	0	0	0	0	0	17.7	17.7
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1135.77	3.25	0	72.11	0	0.31	0	0	2.79	0	0	0	0	0	0	15.87	15.87
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1162.07	3.25	0	72.3	0	0.32	0	0	2.84	0	0	0	0	0	0	15.61	15.61
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1162.14	3.25	0	72.31	0	0.32	0	0	2.84	0	0	0	0	0	0	15.61	15.61
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1190.53	3.25	0	72.51	0	0.33	0	0	2.9	0	0	0	0	0	0	15.33	15.33
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1208.56	3.25	0	72.65	0	0.33	0	0	2.93	0	0	0	0	0	0	15.16	15.16
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1254.55	3.25	0	72.97	0	0.34	0	0	3.02	0	0	0	0	0	0	14.74	14.74
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1287.02	3.25	0	73.19	0	0.35	0	0	3.08	0	0	0	0	0	0	14.45	14.45
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1315.11	3.25	0	73.38	0	0.36	0	0	3.14	0	0	0	0	0	0	14.2	14.2
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1349.59	3.25	0	73.6	0	0.37	0	0	3.2	0	0	0	0	0	0	13.9	13.9
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1409.58	3.25	0	73.98	0	0.39	0	0	3.32	0	0	0	0	0	0	13.39	13.39
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1451.4	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1458.99	3.25	0	74.28	0	0.4	0	0	3.41	0	0	0	0	0	0	12.99	12.99
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1460.67	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1463.07	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	12.96	12.96
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1481.64	3.25	0	74.41	0	0.4	0	0	3.45	0	0	0	0	0	0	12.81	12.81
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1562.47	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	12.18	12.18
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1597.04	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.91	11.91

	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1610.8	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1611.38	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1650.12	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.52	11.52
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1653.24	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.5	11.5
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1663.24	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1665.7	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	11.41	11.41
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1689.32	3.25	0	75.55	0	0.46	0	0	3.83	0	0	0	0	0	0	11.24	11.24
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1692.45	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	11.21	11.21
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1785.31	3.25	0	76.03	0	0.49	0	0	4	0	0	0	0	0	0	10.56	10.56
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1834.24	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	10.23	10.23
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1834.42	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	10.23	10.23
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1851.24	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2009.14	3.25	0	77.06	0	0.55	0	0	4.38	0	0	0	0	0	0	9.09	9.09
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1463.76	3.77	0	74.31	0	-0.63	0	0	3.42	0	0	0	0	0	0	9.88	9.88
imit. Value D/N:	0	0																								
Level D/N:	36.1693	36.1693																								

Receiver: Existing Noise Receptor
ID: R6
X: 339877
Y: 4683935
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1412.7	4.15	0	74	0	-0.82	0	0	3.32	0	0	0	0	0	0	34.67	34.67
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1136.96	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1170.99	3.25	0	72.37	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.67	16.67
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1176.71	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.6	16.6
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1179.33	3.25	0	72.43	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.58	16.58
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1202.94	3.25	0	72.6	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.33	16.33
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1240.68	3.25	0	72.87	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.93	15.93
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1258.75	3.25	0	73	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.75	15.75
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1290.04	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.44	15.44
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1337.54	3.25	0	73.53	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.98	14.98
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1420.54	3.25	0	74.05	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.2	14.2
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1426.67	3.25	0	74.09	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.15	14.15
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1438.68	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.04	14.04
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1457.18	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1459.63	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1484.02	3.25	0	74.43	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1531.71	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.23	13.23
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1577.49	3.25	0	74.96	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.84	12.84
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1578.46	3.25	0	74.96	0	-0.01	0	0	12.52	0	0	0	0	0	0	12.84	12.84
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1624.15	3.25	0	75.21	0	0.01	0	0	12.63	0	0	0	0	0	0	12.46	12.46
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1660.73	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1664.6	3.25	0	75.43	0	0.02	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1677.22	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.04	12.04
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1681.76	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1694.59	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1723.45	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1799.58	3.25	0	76.1	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1855.82	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1861.34	3.25	0	76.4	0	0.09	0	0	13.16	0	0	0	0	0	0	10.66	10.66
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1867.88	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2034.54	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1442.01	3.5	0	74.18	0	3.1	0	0	1.37	0	0	0	0	0	0	17.98	17.98
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1139.12	3.25	0	72.13	0	0.31	0	0	2.8	0	0	0	0	0	0	15.83	15.83
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1172.42	3.25	0	72.38	0	0.32	0	0	2.86	0	0	0	0	0	0	15.51	15.51
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1172.53	3.25	0	72.38	0	0.32	0	0	2.86	0	0	0	0	0	0	15.51	15.51
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1179.92	3.25	0	72.44	0	0.33	0	0	2.88	0	0	0	0	0	0	15.44	15.44
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1205.3	3.25	0	72.62	0	0.33	0	0	2.93	0	0	0	0	0	0	15.19	15.19
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1243.64	3.25	0	72.89	0	0.34	0	0	3	0	0	0	0	0	0	14.84	14.84
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1263.38	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	14.66	14.66
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1285.82	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.46	14.46
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1334.23	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	14.03	14.03
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1425.85	3.25	0	74.08	0	0.39	0	0	3.35	0	0	0	0	0	0	13.26	13.26
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1425.87	3.25	0	74.08	0	0.39	0	0	3.35	0	0	0	0	0	0	13.26	13.26
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1434.65	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1461.15	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1461.54	3.25	0	74.3	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97

Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1484.22	3.25	0	74.43	0	0.41	0	0	3.45	0	0	0	0	0	0	12.79	12.79
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1526.19	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	12.46	12.46
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1573.84	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.09	12.09
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1581.74	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1625.01	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.71	11.71
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1659.26	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1659.4	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1677.13	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	11.32	11.32
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1682.18	3.25	0	75.52	0	0.46	0	0	3.81	0	0	0	0	0	0	11.29	11.29
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1693.96	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	11.2	11.2
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1722.41	3.25	0	75.72	0	0.47	0	0	3.89	0	0	0	0	0	0	11	11
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1798.39	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1855.97	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	10.08	10.08
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1860.94	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.05	10.05
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1868.48	3.25	0	76.43	0	0.51	0	0	4.14	0	0	0	0	0	0	10	10
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2034.31	3.25	0	77.17	0	0.55	0	0	4.42	0	0	0	0	0	0	8.93	8.93
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1422.78	3.77	0	74.06	0	-0.63	0	0	3.34	0	0	0	0	0	0	10.21	10.21

imit. Value D/N: 0 0

Level D/N: 36.3996 36.3996

Receiver: Existing Noise Receptor

ID: R7

X: 339878

Y: 4683912

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1405.35	4.15	0	73.96	0	-0.82	0	0	3.31	0	0	0	0	0	0	34.73	34.73
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1115.15	3.25	0	71.95	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.28	17.28
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1148.41	3.25	0	72.2	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.91	16.91
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1156.34	3.25	0	72.26	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.83	16.83
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1159.66	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.79	16.79
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1182.21	3.25	0	72.45	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.55	16.55
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1221.6	3.25	0	72.74	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.13	16.13
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1243.46	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.91	15.91
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1277.03	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1319.72	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1403.75	3.25	0	73.95	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.36	14.36
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1409.18	3.25	0	73.98	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.31	14.31
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1424.38	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1437.13	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.05	14.05
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1440.73	3.25	0	74.17	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.02	14.02
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1461	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1521.98	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1563.16	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.96	12.96
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1564.6	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1601.32	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1638.31	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1653.36	3.25	0	75.37	0	0.02	0	0	12.69	0	0	0	0	0	0	12.23	12.23
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1654.24	3.25	0	75.37	0	0.02	0	0	12.7	0	0	0	0	0	0	12.22	12.22
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1658.75	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.19	12.19
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1671.83	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	12.08	12.08
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1701.18	3.25	0	75.62	0	0.04	0	0	12.81	0	0	0	0	0	0	11.85	11.85
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1776.85	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1832.8	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1838.46	3.25	0	76.29	0	0.08	0	0	13.11	0	0	0	0	0	0	10.83	10.83
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1844.93	3.25	0	76.32	0	0.08	0	0	13.13	0	0	0	0	0	0	10.78	10.78
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2011.59	3.25	0	77.07	0	0.13	0	0	13.49	0	0	0	0	0	0	9.62	9.62
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1434.87	3.5	0	74.14	0	3.1	0	0	1.36	0	0	0	0	0	0	18.03	18.03
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1117.34	3.25	0	71.96	0	0.31	0	0	2.76	0	0	0	0	0	0	16.05	16.05
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1149.87	3.25	0	72.21	0	0.32	0	0	2.82	0	0	0	0	0	0	15.73	15.73
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1155.42	3.25	0	72.25	0	0.32	0	0	2.83	0	0	0	0	0	0	15.67	15.67
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1156.93	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	15.66	15.66
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1184.6	3.25	0	72.47	0	0.33	0	0	2.89	0	0	0	0	0	0	15.39	15.39
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1224.61	3.25	0	72.76	0	0.34	0	0	2.96	0	0	0	0	0	0	15.01	15.01
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1248.15	3.25	0	72.93	0	0.34	0	0	3.01	0	0	0	0	0	0	14.8	14.8
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1272.77	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.57	14.57
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1316.38	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1402.93	3.25	0	73.94	0	0.38	0	0	3.3	0	0	0	0	0	0	13.45	13.45
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1414.54	3.25	0	74.01	0	0.39	0	0	3.33	0	0	0	0	0	0	13.35	13.35

Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1420.32	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.3	13.3
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1438.66	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	13.15	13.15
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1445.14	3.25	0	74.2	0	0.39	0	0	3.38	0	0	0	0	0	0	13.1	13.1
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1461.19	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1516.43	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1558.49	3.25	0	74.85	0	0.43	0	0	3.59	0	0	0	0	0	0	12.21	12.21
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1568.88	3.25	0	74.91	0	0.43	0	0	3.61	0	0	0	0	0	0	12.13	12.13
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1602.19	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1636.97	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.62	11.62
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1647.99	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.54	11.54
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1654.15	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1659.18	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1671.19	3.25	0	75.46	0	0.46	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1700.12	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	11.16	11.16
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1775.65	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1832.95	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	10.24	10.24
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1838.06	3.25	0	76.29	0	0.5	0	0	4.09	0	0	0	0	0	0	10.2	10.2
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1845.52	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.15	10.15
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2011.36	3.25	0	77.07	0	0.55	0	0	4.39	0	0	0	0	0	0	9.07	9.07
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1415.67	3.77	0	74.02	0	-0.64	0	0	3.33	0	0	0	0	0	0	10.26	10.26

imit. Value D/N: 0 0

Level D/N: 36.4944 36.4944

Receiver: Existing Noise Receptor

ID: R8

X: 339901

Y: 4683874

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1373.27	4.15	0	73.76	0	-0.82	0	0	3.25	0	0	0	0	0	0	35	35
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1071.42	3.25	0	71.6	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.78	17.78
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1106.09	3.25	0	71.88	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.38	17.38
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1116.48	3.25	0	71.96	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.27	17.27
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1116.59	3.25	0	71.96	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.27	17.27
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1137.84	3.25	0	72.12	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.03	17.03
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1177.41	3.25	0	72.42	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.6	16.6
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1201.84	3.25	0	72.6	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.34	16.34
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1237.74	3.25	0	72.85	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.96	15.96
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1276.14	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.58	15.58
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1363.03	3.25	0	73.69	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.73	14.73
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1371.76	3.25	0	73.75	0	-0.08	0	0	12	0	0	0	0	0	0	14.65	14.65
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1383.69	3.25	0	73.82	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.54	14.54
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1394.59	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.44	14.44
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1398.09	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.41	14.41
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1422.34	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1486.61	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1521.48	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1525.37	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1559.98	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1595.55	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1616.04	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.53	12.53
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1616.81	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.52	12.52
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1619.09	3.25	0	75.19	0	0.01	0	0	12.61	0	0	0	0	0	0	12.5	12.5
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1636.76	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1669.24	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1735.04	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1794.27	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.15	11.15
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1802.34	3.25	0	76.12	0	0.07	0	0	13.03	0	0	0	0	0	0	11.09	11.09
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1804.57	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1974.69	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.87	9.87
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1403.07	3.5	0	73.94	0	3.09	0	0	1.34	0	0	0	0	0	0	18.26	18.26
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1073.57	3.25	0	71.62	0	0.3	0	0	2.67	0	0	0	0	0	0	16.49	16.49
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1107.47	3.25	0	71.89	0	0.31	0	0	2.74	0	0	0	0	0	0	16.15	16.15
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1112.31	3.25	0	71.92	0	0.31	0	0	2.75	0	0	0	0	0	0	16.1	16.1
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1116.97	3.25	0	71.96	0	0.31	0	0	2.75	0	0	0	0	0	0	16.05	16.05
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1140.23	3.25	0	72.14	0	0.32	0	0	2.8	0	0	0	0	0	0	15.82	15.82
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1180.42	3.25	0	72.44	0	0.33	0	0	2.88	0	0	0	0	0	0	15.43	15.43
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1206.57	3.25	0	72.63	0	0.33	0	0	2.93	0	0	0	0	0	0	15.18	15.18
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1233.44	3.25	0	72.82	0	0.34	0	0	2.98	0	0	0	0	0	0	14.93	14.93

	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1272.77	3.25	0	73.09	0	0.35	0	0	3.06	0	0	0	0	0	0	14.57	14.57
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1362.28	3.25	0	73.69	0	0.37	0	0	3.23	0	0	0	0	0	0	13.79	13.79
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1377.17	3.25	0	73.78	0	0.38	0	0	3.26	0	0	0	0	0	0	13.66	13.66
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1379.59	3.25	0	73.79	0	0.38	0	0	3.26	0	0	0	0	0	0	13.64	13.64
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1396.07	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1402.53	3.25	0	73.94	0	0.38	0	0	3.3	0	0	0	0	0	0	13.45	13.45
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1422.46	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.29	13.29
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1481.01	3.25	0	74.41	0	0.4	0	0	3.45	0	0	0	0	0	0	12.81	12.81
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1516.77	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1529.68	3.25	0	74.69	0	0.42	0	0	3.54	0	0	0	0	0	0	12.43	12.43
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1560.81	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	12.19	12.19
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1594.23	3.25	0	75.05	0	0.43	0	0	3.66	0	0	0	0	0	0	11.94	11.94
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1610.63	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1616.63	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	11.77	11.77
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1619.45	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	11.75	11.75
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1636.03	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.62	11.62
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1668.1	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1733.89	3.25	0	75.78	0	0.47	0	0	3.91	0	0	0	0	0	0	10.92	10.92
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1794.36	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	10.5	10.5
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1801.85	3.25	0	76.11	0	0.49	0	0	4.02	0	0	0	0	0	0	10.45	10.45
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1805.12	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.42	10.42
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1974.39	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.31	9.31
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1383.92	3.77	0	73.82	0	-0.64	0	0	3.27	0	0	0	0	0	0	10.53	10.53
imit. Value D/N:	0	0																									
Level D/N:	36.7943	36.7943																									

Receiver: Existing Noise Receptor
ID: R9
X: 341638
Y: 4684475
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1027.08	4.15	0	71.23	0	-0.85	0	0	2.57	0	0	0	0	0	0	38.22	38.22
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1188.7	3.25	0	72.5	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.48	16.48
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1296.7	3.25	0	73.26	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.37	15.37
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1327.65	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.07	15.07
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1401.12	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1437.35	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.05	14.05
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1515.28	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1010.18	3.5	0	71.09	0	2.92	0	0	1.08	0	0	0	0	0	0	21.54	21.54
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1556.4	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1636.7	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1670.82	3.25	0	75.46	0	0.03	0	0	12.73	0	0	0	0	0	0	12.09	12.09
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1694.69	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1772.96	3.25	0	75.97	0	0.06	0	0	12.97	0	0	0	0	0	0	11.31	11.31
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1852.42	3.25	0	76.35	0	0.09	0	0	13.14	0	0	0	0	0	0	10.73	10.73
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1999.21	3.25	0	77.02	0	0.13	0	0	13.46	0	0	0	0	0	0	9.71	9.71
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2098.2	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.05	9.05
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2240.74	3.25	0	78.01	0	0.19	0	0	13.95	0	0	0	0	0	0	8.16	8.16
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2378.45	3.25	0	78.53	0	0.23	0	0	14.23	0	0	0	0	0	0	7.33	7.33
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2400.05	3.25	0	78.6	0	0.23	0	0	14.27	0	0	0	0	0	0	7.21	7.21
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2502.06	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.63	6.63
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2512.26	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.57	6.57
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2603.06	3.25	0	79.31	0	0.28	0	0	14.65	0	0	0	0	0	0	6.07	6.07
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2646.31	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.84	5.84
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2695.15	3.25	0	79.61	0	0.3	0	0	14.82	0	0	0	0	0	0	5.58	5.58
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2746.19	3.25	0	79.77	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2848.16	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.79	4.79
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2848.47	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.79	4.79
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2940.49	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.33	4.33
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2952.64	3.25	0	80.4	0	0.35	0	0	15.29	0	0	0	0	0	0	4.27	4.27
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3051.26	3.25	0	80.69	0	0.37	0	0	15.46	0	0	0	0	0	0	3.79	3.79
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3075.35	3.25	0	80.76	0	0.38	0	0	15.5	0	0	0	0	0	0	3.67	3.67
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3163.22	3.25	0	81	0	0.39	0	0	15.66	0	0	0	0	0	0	3.26	3.26
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1190.48	3.25	0	72.51	0	0.33	0	0	2.9	0	0	0	0	0	0	15.34	15.34
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1294.39	3.25	0	73.24	0	0.36	0	0	3.1	0	0	0	0	0	0	14.38	14.38
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1328.92	3.25	0	73.47	0	0.36	0	0	3.16	0	0	0	0	0	0	14.08	14.08
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1403.52	3.25	0	73.94	0	0.38	0	0	3.31	0	0	0	0	0	0	13.44	13.44
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1435.89	3.25	0	74.14	0	0.39	0	0	3.37	0	0	0	0	0	0	13.18	13.18

	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1517.27	3.25	0	74.62	0	0.41	0	0	3.52	0	0	0	0	0	0	12.53	12.53
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1553.37	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	12.25	12.25
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1010.55	3.77	0	71.09	0	-0.69	0	0	2.54	0	0	0	0	0	0	14.03	14.03
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1638.7	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	11.6	11.6
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1674.2	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1692.21	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	11.22	11.22
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1775.44	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1849.65	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	10.12	10.12
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1996.22	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	9.17	9.17
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2094.33	3.25	0	77.42	0	0.57	0	0	4.53	0	0	0	0	0	0	8.56	8.56
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2236.77	3.25	0	77.99	0	0.61	0	0	4.76	0	0	0	0	0	0	7.71	7.71
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2374.29	3.25	0	78.51	0	0.64	0	0	4.99	0	0	0	0	0	0	6.94	6.94
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2396.57	3.25	0	78.59	0	0.65	0	0	5.02	0	0	0	0	0	0	6.81	6.81
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2505.82	3.25	0	78.98	0	0.68	0	0	5.2	0	0	0	0	0	0	6.22	6.22
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2514.89	3.25	0	79.01	0	0.68	0	0	5.21	0	0	0	0	0	0	6.17	6.17
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2600.22	3.25	0	79.3	0	0.7	0	0	5.35	0	0	0	0	0	0	5.73	5.73
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2643.09	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.51	5.51
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2698.27	3.25	0	79.62	0	0.73	0	0	5.5	0	0	0	0	0	0	5.23	5.23
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2743.24	3.25	0	79.77	0	0.74	0	0	5.57	0	0	0	0	0	0	5	5
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2844.4	3.25	0	80.08	0	0.77	0	0	5.72	0	0	0	0	0	0	4.51	4.51
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2845.77	3.25	0	80.08	0	0.77	0	0	5.73	0	0	0	0	0	0	4.5	4.5
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2937.59	3.25	0	80.36	0	0.79	0	0	5.86	0	0	0	0	0	0	4.06	4.06
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2948.7	3.25	0	80.39	0	0.79	0	0	5.88	0	0	0	0	0	0	4.01	4.01
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3047.55	3.25	0	80.68	0	0.82	0	0	6.03	0	0	0	0	0	0	3.55	3.55
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3071.9	3.25	0	80.75	0	0.82	0	0	6.06	0	0	0	0	0	0	3.44	3.44
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3159.73	3.25	0	80.99	0	0.84	0	0	6.19	0	0	0	0	0	0	3.05	3.05
imit. Value D/N:	0	0																									
Level D/N:	38.725	38.725																									

Receiver: Existing Noise Receptor
ID: R10
X: 341645
Y: 4684460
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1016.16	4.15	0	71.14	0	-0.85	0	0	2.55	0	0	0	0	0	0	38.33	38.33
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1176.48	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.61	16.61
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1285.62	3.25	0	73.18	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.48	15.48
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1314.49	3.25	0	73.38	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.2	15.2
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1391.37	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.47	14.47
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1425.11	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.16	14.16
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1504.34	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.46	13.46
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	998.93	3.5	0	70.99	0	2.91	0	0	1.08	0	0	0	0	0	0	21.65	21.65
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1547.09	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1624.91	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.46	12.46
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1662.41	3.25	0	75.41	0	0.02	0	0	12.72	0	0	0	0	0	0	12.16	12.16
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1683.99	3.25	0	75.53	0	0.03	0	0	12.77	0	0	0	0	0	0	11.99	11.99
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1763.42	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1843.88	3.25	0	76.31	0	0.08	0	0	13.13	0	0	0	0	0	0	10.79	10.79
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1991.43	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2091.32	3.25	0	77.41	0	0.15	0	0	13.65	0	0	0	0	0	0	9.1	9.1
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2234.2	3.25	0	77.98	0	0.19	0	0	13.94	0	0	0	0	0	0	8.2	8.2
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2372.54	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.37	7.37
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2391.96	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2494.77	3.25	0	78.94	0	0.26	0	0	14.45	0	0	0	0	0	0	6.67	6.67
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2503.19	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2594.75	3.25	0	79.28	0	0.28	0	0	14.64	0	0	0	0	0	0	6.12	6.12
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2639.4	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2686	3.25	0	79.58	0	0.3	0	0	14.81	0	0	0	0	0	0	5.63	5.63
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2738.26	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.35	5.35
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2839.68	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.83	4.83
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2840.92	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2932.37	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.37	4.37
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2945.98	3.25	0	80.38	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3043.84	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.82	3.82
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3069.37	3.25	0	80.74	0	0.38	0	0	15.49	0	0	0	0	0	0	3.7	3.7
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3155.12	3.25	0	80.98	0	0.39	0	0	15.64	0	0	0	0	0	0	3.3	3.3
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1178.31	3.25	0	72.43	0	0.33	0	0	2.87	0	0	0	0	0	0	15.45	15.45
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1283.27	3.25	0	73.17	0	0.35	0	0	3.08	0	0	0	0	0	0	14.48	14.48

	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1315.81	3.25	0	73.38	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1393.81	3.25	0	73.88	0	0.38	0	0	3.29	0	0	0	0	0	0	13.52	13.52
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1423.61	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1506.37	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1544.01	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	999.53	3.77	0	71	0	-0.69	0	0	2.52	0	0	0	0	0	0	14.15	14.15
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1626.96	3.25	0	75.23	0	0.44	0	0	3.71	0	0	0	0	0	0	11.69	11.69
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1665.83	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	11.41	11.41
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1681.47	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.29	11.29
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1765.93	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.69	10.69
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1841.08	3.25	0	76.3	0	0.5	0	0	4.09	0	0	0	0	0	0	10.18	10.18
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1988.41	3.25	0	76.97	0	0.54	0	0	4.35	0	0	0	0	0	0	9.22	9.22
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2087.42	3.25	0	77.39	0	0.57	0	0	4.51	0	0	0	0	0	0	8.6	8.6
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2230.2	3.25	0	77.97	0	0.61	0	0	4.75	0	0	0	0	0	0	7.75	7.75
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2368.36	3.25	0	78.49	0	0.64	0	0	4.98	0	0	0	0	0	0	6.97	6.97
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2388.44	3.25	0	78.56	0	0.65	0	0	5.01	0	0	0	0	0	0	6.86	6.86
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2498.56	3.25	0	78.95	0	0.68	0	0	5.19	0	0	0	0	0	0	6.26	6.26
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2505.84	3.25	0	78.98	0	0.68	0	0	5.2	0	0	0	0	0	0	6.22	6.22
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2591.89	3.25	0	79.27	0	0.7	0	0	5.33	0	0	0	0	0	0	5.77	5.77
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2636.16	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.54	5.54
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2689.15	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.27	5.27
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2735.28	3.25	0	79.74	0	0.74	0	0	5.56	0	0	0	0	0	0	5.04	5.04
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2836.96	3.25	0	80.06	0	0.76	0	0	5.71	0	0	0	0	0	0	4.54	4.54
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2837.13	3.25	0	80.06	0	0.76	0	0	5.71	0	0	0	0	0	0	4.54	4.54
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2929.45	3.25	0	80.34	0	0.79	0	0	5.85	0	0	0	0	0	0	4.1	4.1
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2942.02	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.04	4.04
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3040.11	3.25	0	80.66	0	0.81	0	0	6.02	0	0	0	0	0	0	3.59	3.59
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3065.9	3.25	0	80.73	0	0.82	0	0	6.06	0	0	0	0	0	0	3.47	3.47
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3151.61	3.25	0	80.97	0	0.84	0	0	6.18	0	0	0	0	0	0	3.08	3.08
imit. Value D/N:	0	0																								
Level D/N:	38.8375	38.8375																								

Receiver: Existing Noise Receptor
ID: R11
X: 341651
Y: 4684446
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1005.88	4.15	0	71.05	0	-0.85	0	0	2.53	0	0	0	0	0	0	38.44	38.44
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1165	3.25	0	72.33	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.73	16.73
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1275.18	3.25	0	73.11	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.59	15.59
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1302.16	3.25	0	73.29	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.32	15.32
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1382.12	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1413.6	3.25	0	74.01	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.27	14.27
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1494	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	988.35	3.5	0	70.9	0	2.91	0	0	1.07	0	0	0	0	0	0	21.76	21.76
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1538.23	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1613.81	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1654.36	3.25	0	75.37	0	0.02	0	0	12.7	0	0	0	0	0	0	12.22	12.22
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1673.87	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.07	12.07
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1754.34	3.25	0	75.88	0	0.05	0	0	12.93	0	0	0	0	0	0	11.45	11.45
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1835.71	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.85	10.85
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1983.94	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2084.65	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.14	9.14
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2227.83	3.25	0	77.96	0	0.19	0	0	13.93	0	0	0	0	0	0	8.23	8.23
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2366.74	3.25	0	78.48	0	0.23	0	0	14.2	0	0	0	0	0	0	7.4	7.4
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2384.17	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.3	7.3
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2487.71	3.25	0	78.92	0	0.25	0	0	14.43	0	0	0	0	0	0	6.71	6.71
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2494.51	3.25	0	78.94	0	0.26	0	0	14.45	0	0	0	0	0	0	6.67	6.67
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2586.76	3.25	0	79.26	0	0.28	0	0	14.62	0	0	0	0	0	0	6.16	6.16
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2632.68	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.91	5.91
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2677.25	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.67	5.67
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2730.6	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2831.25	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.87	4.87
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2833.89	3.25	0	80.05	0	0.33	0	0	15.08	0	0	0	0	0	0	4.86	4.86
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2924.54	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.41	4.41
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2939.48	3.25	0	80.37	0	0.35	0	0	15.26	0	0	0	0	0	0	4.33	4.33
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3036.65	3.25	0	80.65	0	0.37	0	0	15.44	0	0	0	0	0	0	3.86	3.86
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3063.48	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.73	3.73

Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3147.31	3.25	0	80.96	0	0.39	0	0	15.63	0	0	0	0	0	0	3.33	3.33
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1166.88	3.25	0	72.34	0	0.32	0	0	2.85	0	0	0	0	0	0	15.56	15.56
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1272.78	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.57	14.57
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1303.52	3.25	0	73.3	0	0.36	0	0	3.12	0	0	0	0	0	0	14.3	14.3
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1384.6	3.25	0	73.83	0	0.38	0	0	3.27	0	0	0	0	0	0	13.6	13.6
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1412.07	3.25	0	74	0	0.39	0	0	3.32	0	0	0	0	0	0	13.37	13.37
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1496.07	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.69	12.69
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1535.11	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	12.39	12.39
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	989.16	3.77	0	70.91	0	-0.69	0	0	2.5	0	0	0	0	0	0	14.26	14.26
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1615.88	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	11.77	11.77
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1657.82	3.25	0	75.39	0	0.45	0	0	3.77	0	0	0	0	0	0	11.46	11.46
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1671.31	3.25	0	75.46	0	0.46	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1756.88	3.25	0	75.89	0	0.48	0	0	3.95	0	0	0	0	0	0	10.76	10.76
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1832.88	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	10.24	10.24
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1980.9	3.25	0	76.94	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2080.72	3.25	0	77.36	0	0.57	0	0	4.5	0	0	0	0	0	0	8.64	8.64
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2223.8	3.25	0	77.94	0	0.6	0	0	4.74	0	0	0	0	0	0	7.79	7.79
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2362.53	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	7	7
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2380.63	3.25	0	78.53	0	0.64	0	0	5	0	0	0	0	0	0	6.9	6.9
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2491.52	3.25	0	78.93	0	0.67	0	0	5.17	0	0	0	0	0	0	6.3	6.3
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2497.18	3.25	0	78.95	0	0.68	0	0	5.18	0	0	0	0	0	0	6.27	6.27
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2583.88	3.25	0	79.25	0	0.7	0	0	5.32	0	0	0	0	0	0	5.81	5.81
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2629.42	3.25	0	79.4	0	0.71	0	0	5.39	0	0	0	0	0	0	5.58	5.58
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2680.42	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.32	5.32
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2727.61	3.25	0	79.72	0	0.74	0	0	5.54	0	0	0	0	0	0	5.08	5.08
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2828.51	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.58	4.58
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2830.08	3.25	0	80.04	0	0.76	0	0	5.7	0	0	0	0	0	0	4.58	4.58
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2921.6	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.14	4.14
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2935.49	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.07	4.07
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3032.9	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.62	3.62
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3060	3.25	0	80.71	0	0.82	0	0	6.05	0	0	0	0	0	0	3.5	3.5
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3143.78	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.12	3.12

imit. Value D/N: 0 0

Level D/N: 38.9443 38.9443

Receiver: Existing Noise Receptor

ID: R12

X: 341657

Y: 4684431

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	994.83	4.15	0	70.95	0	-0.85	0	0	2.51	0	0	0	0	0	0	38.56	38.56
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1152.66	3.25	0	72.23	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.87	16.87
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1263.93	3.25	0	73.03	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.7	15.7
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1288.92	3.25	0	73.2	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.45	15.45
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1372.12	3.25	0	73.75	0	-0.08	0	0	12	0	0	0	0	0	0	14.65	14.65
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1401.21	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1482.84	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.65	13.65
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	976.97	3.5	0	70.8	0	2.9	0	0	1.06	0	0	0	0	0	0	21.87	21.87
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1528.63	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1601.83	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.64	12.64
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1645.6	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.29	12.29
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1662.92	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.15	12.15
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1744.49	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.52	11.52
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1826.81	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1975.75	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2077.32	3.25	0	77.35	0	0.15	0	0	13.62	0	0	0	0	0	0	9.19	9.19
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2220.81	3.25	0	77.93	0	0.19	0	0	13.91	0	0	0	0	0	0	8.28	8.28
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2360.32	3.25	0	78.46	0	0.22	0	0	14.19	0	0	0	0	0	0	7.44	7.44
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2375.64	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.35	7.35
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2479.95	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.75	6.75
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2485.04	3.25	0	78.91	0	0.25	0	0	14.43	0	0	0	0	0	0	6.72	6.72
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2578.03	3.25	0	79.23	0	0.27	0	0	14.61	0	0	0	0	0	0	6.21	6.21
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2625.28	3.25	0	79.38	0	0.29	0	0	14.69	0	0	0	0	0	0	5.95	5.95
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2667.7	3.25	0	79.52	0	0.29	0	0	14.77	0	0	0	0	0	0	5.72	5.72
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2722.22	3.25	0	79.7	0	0.31	0	0	14.87	0	0	0	0	0	0	5.44	5.44
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2822.04	3.25	0	80.01	0	0.33	0	0	15.05	0	0	0	0	0	0	4.92	4.92
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2826.16	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.9	4.9
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2915.96	3.25	0	80.3	0	0.35	0	0	15.22	0	0	0	0	0	0	4.45	4.45

Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2932.3	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.37	4.37
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3028.74	3.25	0	80.63	0	0.37	0	0	15.42	0	0	0	0	0	0	3.9	3.9
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3056.95	3.25	0	80.71	0	0.37	0	0	15.47	0	0	0	0	0	0	3.76	3.76
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3138.75	3.25	0	80.94	0	0.39	0	0	15.62	0	0	0	0	0	0	3.37	3.37
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1154.6	3.25	0	72.25	0	0.32	0	0	2.83	0	0	0	0	0	0	15.68	15.68
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1261.47	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	14.68	14.68
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1290.32	3.25	0	73.21	0	0.35	0	0	3.09	0	0	0	0	0	0	14.42	14.42
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1374.64	3.25	0	73.76	0	0.38	0	0	3.25	0	0	0	0	0	0	13.69	13.69
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1399.64	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.48	13.48
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1484.94	3.25	0	74.43	0	0.41	0	0	3.46	0	0	0	0	0	0	12.78	12.78
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1525.46	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	12.46	12.46
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	978.02	3.77	0	70.81	0	-0.69	0	0	2.48	0	0	0	0	0	0	14.38	14.38
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1603.94	3.25	0	75.1	0	0.44	0	0	3.67	0	0	0	0	0	0	11.86	11.86
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1649.1	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1660.32	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1747.06	3.25	0	75.85	0	0.48	0	0	3.93	0	0	0	0	0	0	10.83	10.83
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1823.95	3.25	0	76.22	0	0.5	0	0	4.06	0	0	0	0	0	0	10.3	10.3
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1972.68	3.25	0	76.9	0	0.54	0	0	4.32	0	0	0	0	0	0	9.32	9.32
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2073.35	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.69	8.69
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2216.75	3.25	0	77.91	0	0.6	0	0	4.73	0	0	0	0	0	0	7.83	7.83
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2356.09	3.25	0	78.44	0	0.64	0	0	4.96	0	0	0	0	0	0	7.04	7.04
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2372.08	3.25	0	78.5	0	0.64	0	0	4.98	0	0	0	0	0	0	6.95	6.95
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2483.79	3.25	0	78.9	0	0.67	0	0	5.16	0	0	0	0	0	0	6.34	6.34
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2487.73	3.25	0	78.92	0	0.67	0	0	5.17	0	0	0	0	0	0	6.32	6.32
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2575.12	3.25	0	79.22	0	0.7	0	0	5.31	0	0	0	0	0	0	5.86	5.86
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2621.99	3.25	0	79.37	0	0.71	0	0	5.38	0	0	0	0	0	0	5.62	5.62
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2670.9	3.25	0	79.53	0	0.72	0	0	5.46	0	0	0	0	0	0	5.37	5.37
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2719.21	3.25	0	79.69	0	0.73	0	0	5.53	0	0	0	0	0	0	5.12	5.12
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2819.28	3.25	0	80	0	0.76	0	0	5.68	0	0	0	0	0	0	4.63	4.63
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2822.33	3.25	0	80.01	0	0.76	0	0	5.69	0	0	0	0	0	0	4.61	4.61
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2913.01	3.25	0	80.29	0	0.78	0	0	5.83	0	0	0	0	0	0	4.18	4.18
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2928.29	3.25	0	80.33	0	0.79	0	0	5.85	0	0	0	0	0	0	4.11	4.11
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3024.97	3.25	0	80.61	0	0.81	0	0	5.99	0	0	0	0	0	0	3.66	3.66
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3053.45	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.53	3.53
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3135.2	3.25	0	80.93	0	0.84	0	0	6.16	0	0	0	0	0	0	3.16	3.16

imit. Value D/N: 0 0

Level D/N: 39.0602 39.0602

Receiver: Existing Noise Receptor

ID: R13

X: 341662

Y: 4684417

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	984.37	4.15	0	70.86	0	-0.85	0	0	2.49	0	0	0	0	0	0	38.67	38.67
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1141.04	3.25	0	72.15	0	-0.18	0	0	11.35	0	0	0	0	0	0	16.99	16.99
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1253.27	3.25	0	72.96	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.81	15.81
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1276.49	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1362.58	3.25	0	73.69	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.74	14.74
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1389.52	3.25	0	73.86	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.49	14.49
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1472.25	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.74	13.74
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	966.23	3.5	0	70.7	0	2.89	0	0	1.05	0	0	0	0	0	0	21.99	21.99
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1519.44	3.25	0	74.63	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1590.5	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.74	12.74
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1637.18	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1652.51	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1735.07	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1818.24	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.97	10.97
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1967.83	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.92	9.92
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2070.17	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.23	9.23
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2213.93	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2353.99	3.25	0	78.44	0	0.22	0	0	14.18	0	0	0	0	0	0	7.48	7.48
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2367.4	3.25	0	78.49	0	0.23	0	0	14.2	0	0	0	0	0	0	7.4	7.4
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2472.4	3.25	0	78.86	0	0.25	0	0	14.41	0	0	0	0	0	0	6.79	6.79
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2475.95	3.25	0	78.87	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2569.58	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.25	6.25
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2618.04	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.99	5.99
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2658.53	3.25	0	79.49	0	0.29	0	0	14.76	0	0	0	0	0	0	5.77	5.77
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2714.09	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48

Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2813.17	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.97	4.97
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2818.62	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2907.66	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2925.26	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3021.04	3.25	0	80.6	0	0.37	0	0	15.41	0	0	0	0	0	0	3.93	3.93
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3050.49	3.25	0	80.69	0	0.37	0	0	15.46	0	0	0	0	0	0	3.79	3.79
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3130.45	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.41	3.41
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1143.02	3.25	0	72.16	0	0.32	0	0	2.81	0	0	0	0	0	0	15.79	15.79
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1250.76	3.25	0	72.94	0	0.34	0	0	3.02	0	0	0	0	0	0	14.77	14.77
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1277.92	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	14.53	14.53
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1365.13	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	13.77	13.77
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1387.93	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1474.38	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	12.86	12.86
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1516.23	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	967.48	3.77	0	70.71	0	-0.69	0	0	2.45	0	0	0	0	0	0	14.5	14.5
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1592.65	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	11.95	11.95
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1640.71	3.25	0	75.3	0	0.45	0	0	3.74	0	0	0	0	0	0	11.59	11.59
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1649.88	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.52	11.52
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1737.66	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1815.35	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1964.73	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	9.37	9.37
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2066.17	3.25	0	77.3	0	0.56	0	0	4.48	0	0	0	0	0	0	8.73	8.73
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2209.85	3.25	0	77.89	0	0.6	0	0	4.72	0	0	0	0	0	0	7.87	7.87
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2349.73	3.25	0	78.42	0	0.64	0	0	4.95	0	0	0	0	0	0	7.07	7.07
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2363.81	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	6.99	6.99
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2476.26	3.25	0	78.88	0	0.67	0	0	5.15	0	0	0	0	0	0	6.38	6.38
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2478.66	3.25	0	78.88	0	0.67	0	0	5.15	0	0	0	0	0	0	6.37	6.37
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2566.66	3.25	0	79.19	0	0.69	0	0	5.29	0	0	0	0	0	0	5.9	5.9
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2614.74	3.25	0	79.35	0	0.71	0	0	5.37	0	0	0	0	0	0	5.65	5.65
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2661.75	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.41	5.41
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2711.06	3.25	0	79.66	0	0.73	0	0	5.52	0	0	0	0	0	0	5.16	5.16
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2810.39	3.25	0	79.98	0	0.76	0	0	5.67	0	0	0	0	0	0	4.67	4.67
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2814.77	3.25	0	79.99	0	0.76	0	0	5.68	0	0	0	0	0	0	4.65	4.65
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2904.69	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.22	4.22
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2921.23	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.14	4.14
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3017.24	3.25	0	80.59	0	0.81	0	0	5.98	0	0	0	0	0	0	3.69	3.69
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3046.98	3.25	0	80.68	0	0.82	0	0	6.03	0	0	0	0	0	0	3.56	3.56
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3126.88	3.25	0	80.9	0	0.84	0	0	6.15	0	0	0	0	0	0	3.19	3.19

imit. Value D/N: 0 0

Level D/N: 39.1709 39.1709

Receiver: Existing Noise Receptor

ID: R14

X: 341670

Y: 4684401

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	973.59	4.15	0	70.77	0	-0.85	0	0	2.47	0	0	0	0	0	0	38.79	38.79
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1128.62	3.25	0	72.05	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.13	17.13
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1242.17	3.25	0	72.88	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.92	15.92
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1262.89	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1352.98	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1377	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.6	14.6
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	955.06	3.5	0	70.6	0	2.88	0	0	1.05	0	0	0	0	0	0	22.1	22.1
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1461.23	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1510.29	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1578.46	3.25	0	74.96	0	-0.01	0	0	12.52	0	0	0	0	0	0	12.84	12.84
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1629.02	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.42	12.42
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1641.72	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.32	12.32
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1725.6	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.67	11.67
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1809.89	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	11.04	11.04
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1960.3	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.97	9.97
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2063.63	3.25	0	77.29	0	0.15	0	0	13.59	0	0	0	0	0	0	9.28	9.28
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2207.74	3.25	0	77.88	0	0.19	0	0	13.89	0	0	0	0	0	0	8.36	8.36
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2348.48	3.25	0	78.42	0	0.22	0	0	14.17	0	0	0	0	0	0	7.51	7.51
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2359.44	3.25	0	78.46	0	0.22	0	0	14.19	0	0	0	0	0	0	7.44	7.44
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2465.33	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2466.87	3.25	0	78.84	0	0.25	0	0	14.4	0	0	0	0	0	0	6.82	6.82
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2561.36	3.25	0	79.17	0	0.27	0	0	14.57	0	0	0	0	0	0	6.3	6.3

Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2611.37	3.25	0	79.34	0	0.28	0	0	14.67	0	0	0	0	0	0	6.02	6.02
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2649.35	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2706.27	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2804.38	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2811.56	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.97	4.97
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2899.6	3.25	0	80.25	0	0.34	0	0	15.19	0	0	0	0	0	0	4.53	4.53
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2918.82	3.25	0	80.3	0	0.35	0	0	15.23	0	0	0	0	0	0	4.43	4.43
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3013.76	3.25	0	80.58	0	0.36	0	0	15.4	0	0	0	0	0	0	3.97	3.97
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3044.8	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.82	3.82
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3122.4	3.25	0	80.89	0	0.39	0	0	15.59	0	0	0	0	0	0	3.45	3.45
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1130.66	3.25	0	72.07	0	0.31	0	0	2.78	0	0	0	0	0	0	15.92	15.92
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1239.6	3.25	0	72.87	0	0.34	0	0	2.99	0	0	0	0	0	0	14.88	14.88
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1264.39	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	14.65	14.65
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1355.58	3.25	0	73.64	0	0.37	0	0	3.22	0	0	0	0	0	0	13.85	13.85
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1375.36	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.68	13.68
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1463.4	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	12.95	12.95
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1507.03	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	956.6	3.77	0	70.61	0	-0.69	0	0	2.43	0	0	0	0	0	0	14.62	14.62
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1580.65	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.04	12.04
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1632.61	3.25	0	75.26	0	0.44	0	0	3.72	0	0	0	0	0	0	11.65	11.65
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1639.05	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	11.6	11.6
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1728.23	3.25	0	75.75	0	0.47	0	0	3.9	0	0	0	0	0	0	10.96	10.96
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1806.96	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.41	10.41
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1957.17	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	9.42	9.42
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2059.6	3.25	0	77.28	0	0.56	0	0	4.47	0	0	0	0	0	0	8.77	8.77
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2203.62	3.25	0	77.86	0	0.6	0	0	4.71	0	0	0	0	0	0	7.91	7.91
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2344.19	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.1	7.1
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2355.82	3.25	0	78.44	0	0.64	0	0	4.96	0	0	0	0	0	0	7.04	7.04
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2469.22	3.25	0	78.85	0	0.67	0	0	5.14	0	0	0	0	0	0	6.42	6.42
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2469.61	3.25	0	78.85	0	0.67	0	0	5.14	0	0	0	0	0	0	6.42	6.42
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2558.41	3.25	0	79.16	0	0.69	0	0	5.28	0	0	0	0	0	0	5.95	5.95
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2608.04	3.25	0	79.33	0	0.7	0	0	5.36	0	0	0	0	0	0	5.69	5.69
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2652.6	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2703.21	3.25	0	79.64	0	0.73	0	0	5.51	0	0	0	0	0	0	5.2	5.2
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2801.57	3.25	0	79.95	0	0.75	0	0	5.66	0	0	0	0	0	0	4.72	4.72
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2807.68	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2896.61	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.26	4.26
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2914.77	3.25	0	80.29	0	0.78	0	0	5.83	0	0	0	0	0	0	4.17	4.17
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3009.94	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.73	3.73
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3041.27	3.25	0	80.66	0	0.81	0	0	6.02	0	0	0	0	0	0	3.58	3.58
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3118.81	3.25	0	80.88	0	0.83	0	0	6.13	0	0	0	0	0	0	3.23	3.23

imit. Value D/N: 0 0
Level D/N: 39.2861 39.2861

Receiver: Existing Noise Receptor
ID: R15
X: 341676
Y: 4684387
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	963.87	4.15	0	70.68	0	-0.85	0	0	2.45	0	0	0	0	0	0	38.9	38.9
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1117.52	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.26	17.26
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1232.15	3.25	0	72.81	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.02	16.02
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1250.84	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1344.19	3.25	0	73.57	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.91	14.91
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1365.8	3.25	0	73.71	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.71	14.71
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	945.03	3.5	0	70.51	0	2.87	0	0	1.04	0	0	0	0	0	0	22.21	22.21
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1451.25	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.93	13.93
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1501.87	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.48	13.48
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1567.64	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1621.41	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1631.93	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.4	12.4
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1716.88	3.25	0	75.69	0	0.04	0	0	12.84	0	0	0	0	0	0	11.73	11.73
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1802.1	3.25	0	76.12	0	0.07	0	0	13.03	0	0	0	0	0	0	11.09	11.09
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1953.19	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2057.34	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.32	9.32
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2201.73	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.4	8.4
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2343.04	3.25	0	78.4	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2351.96	3.25	0	78.43	0	0.22	0	0	14.17	0	0	0	0	0	0	7.49	7.49

Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2458.46	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2458.58	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2553.65	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.34	6.34
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2604.95	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.06	6.06
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2640.85	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2698.89	3.25	0	79.62	0	0.3	0	0	14.83	0	0	0	0	0	0	5.56	5.56
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2796.19	3.25	0	79.93	0	0.32	0	0	15.01	0	0	0	0	0	0	5.05	5.05
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2804.8	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2892.02	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.57	4.57
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2912.6	3.25	0	80.29	0	0.34	0	0	15.22	0	0	0	0	0	0	4.46	4.46
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3006.82	3.25	0	80.56	0	0.36	0	0	15.38	0	0	0	0	0	0	4	4
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3039.19	3.25	0	80.66	0	0.37	0	0	15.44	0	0	0	0	0	0	3.85	3.85
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3114.82	3.25	0	80.87	0	0.38	0	0	15.57	0	0	0	0	0	0	3.49	3.49
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1119.62	3.25	0	71.98	0	0.31	0	0	2.76	0	0	0	0	0	0	16.03	16.03
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1229.54	3.25	0	72.79	0	0.34	0	0	2.97	0	0	0	0	0	0	14.97	14.97
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1252.37	3.25	0	72.95	0	0.34	0	0	3.02	0	0	0	0	0	0	14.76	14.76
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1346.84	3.25	0	73.59	0	0.37	0	0	3.2	0	0	0	0	0	0	13.92	13.92
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1364.12	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	13.77	13.77
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1453.46	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	13.03	13.03
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1498.57	3.25	0	74.51	0	0.41	0	0	3.48	0	0	0	0	0	0	12.67	12.67
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	946.79	3.77	0	70.53	0	-0.69	0	0	2.41	0	0	0	0	0	0	14.73	14.73
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1569.88	3.25	0	74.92	0	0.43	0	0	3.61	0	0	0	0	0	0	12.12	12.12
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1625.03	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.71	11.71
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1629.22	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.67	11.67
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1719.55	3.25	0	75.71	0	0.47	0	0	3.88	0	0	0	0	0	0	11.02	11.02
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1799.15	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1950.04	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	9.46	9.46
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2053.28	3.25	0	77.25	0	0.56	0	0	4.46	0	0	0	0	0	0	8.81	8.81
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2197.59	3.25	0	77.84	0	0.6	0	0	4.7	0	0	0	0	0	0	7.94	7.94
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2338.73	3.25	0	78.38	0	0.63	0	0	4.93	0	0	0	0	0	0	7.13	7.13
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2348.31	3.25	0	78.42	0	0.64	0	0	4.94	0	0	0	0	0	0	7.08	7.08
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2461.22	3.25	0	78.82	0	0.67	0	0	5.13	0	0	0	0	0	0	6.46	6.46
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2462.5	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.45	6.45
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2550.67	3.25	0	79.13	0	0.69	0	0	5.27	0	0	0	0	0	0	5.99	5.99
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2601.61	3.25	0	79.3	0	0.7	0	0	5.35	0	0	0	0	0	0	5.72	5.72
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2644.12	3.25	0	79.45	0	0.71	0	0	5.41	0	0	0	0	0	0	5.5	5.5
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2695.81	3.25	0	79.61	0	0.73	0	0	5.5	0	0	0	0	0	0	5.24	5.24
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2793.36	3.25	0	79.92	0	0.75	0	0	5.65	0	0	0	0	0	0	4.76	4.76
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2800.9	3.25	0	79.95	0	0.75	0	0	5.66	0	0	0	0	0	0	4.72	4.72
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2889.01	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.29	4.29
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2908.52	3.25	0	80.27	0	0.78	0	0	5.82	0	0	0	0	0	0	4.2	4.2
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3002.98	3.25	0	80.55	0	0.81	0	0	5.96	0	0	0	0	0	0	3.76	3.76
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3035.64	3.25	0	80.65	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3111.21	3.25	0	80.86	0	0.83	0	0	6.12	0	0	0	0	0	0	3.26	3.26

imit. Value D/N: 0 0

Level D/N: 39.3909 39.3909

Receiver: Existing Noise Receptor

ID: R16

X: 341725

Y: 4684408

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1005.69	4.15	0	71.05	0	-0.85	0	0	2.53	0	0	0	0	0	0	38.44	38.44
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1154.87	3.25	0	72.25	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.84	16.84
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1272.95	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1284.26	3.25	0	73.17	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.49	15.49
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1388.21	3.25	0	73.85	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.5	14.5
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1402.62	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.37	14.37
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1492.09	3.25	0	74.48	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.57	13.57
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	985.95	3.5	0	70.88	0	2.9	0	0	1.07	0	0	0	0	0	0	21.78	21.78
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1546.68	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1605.75	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1667.91	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.11	12.11
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1673.24	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.07	12.07
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1760.99	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1848.22	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.76	10.76
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2000.58	3.25	0	77.02	0	0.13	0	0	13.46	0	0	0	0	0	0	9.7	9.7
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2106.09	3.25	0	77.47	0	0.16	0	0	13.68	0	0	0	0	0	0	9	9

Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2250.89	3.25	0	78.05	0	0.2	0	0	13.97	0	0	0	0	0	0	8.09	8.09
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2392.97	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2398.61	3.25	0	78.6	0	0.23	0	0	14.26	0	0	0	0	0	0	7.22	7.22
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2503.15	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2506.55	3.25	0	78.98	0	0.26	0	0	14.47	0	0	0	0	0	0	6.6	6.6
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2599.83	3.25	0	79.3	0	0.28	0	0	14.65	0	0	0	0	0	0	6.09	6.09
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2653.45	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.8	5.8
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2685.31	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2745.7	3.25	0	79.77	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2841.34	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2852.74	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.76	4.76
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2938.44	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.34	4.34
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2961.38	3.25	0	80.43	0	0.35	0	0	15.3	0	0	0	0	0	0	4.22	4.22
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3054.43	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.77	3.77
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3088.86	3.25	0	80.8	0	0.38	0	0	15.53	0	0	0	0	0	0	3.61	3.61
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3161.23	3.25	0	81	0	0.39	0	0	15.65	0	0	0	0	0	0	3.27	3.27
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1157.16	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	15.66	15.66
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1270.19	3.25	0	73.08	0	0.35	0	0	3.05	0	0	0	0	0	0	14.6	14.6
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1285.98	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.46	14.46
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1390.95	3.25	0	73.87	0	0.38	0	0	3.28	0	0	0	0	0	0	13.55	13.55
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1400.81	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	13.47	13.47
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1494.4	3.25	0	74.49	0	0.41	0	0	3.47	0	0	0	0	0	0	12.71	12.71
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1543.28	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	988.38	3.77	0	70.9	0	-0.69	0	0	2.5	0	0	0	0	0	0	14.27	14.27
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1608.11	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.83	11.83
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1670.42	3.25	0	75.46	0	0.45	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1671.6	3.25	0	75.46	0	0.46	0	0	3.79	0	0	0	0	0	0	11.36	11.36
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1763.72	3.25	0	75.93	0	0.48	0	0	3.96	0	0	0	0	0	0	10.71	10.71
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1845.21	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.15	10.15
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1997.38	3.25	0	77.01	0	0.54	0	0	4.36	0	0	0	0	0	0	9.16	9.16
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2101.98	3.25	0	77.45	0	0.57	0	0	4.54	0	0	0	0	0	0	8.51	8.51
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2246.7	3.25	0	78.03	0	0.61	0	0	4.78	0	0	0	0	0	0	7.66	7.66
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2388.62	3.25	0	78.56	0	0.65	0	0	5.01	0	0	0	0	0	0	6.86	6.86
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2394.91	3.25	0	78.59	0	0.65	0	0	5.02	0	0	0	0	0	0	6.82	6.82
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2505.95	3.25	0	78.98	0	0.68	0	0	5.2	0	0	0	0	0	0	6.22	6.22
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2510.51	3.25	0	79	0	0.68	0	0	5.2	0	0	0	0	0	0	6.2	6.2
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2596.81	3.25	0	79.29	0	0.7	0	0	5.34	0	0	0	0	0	0	5.75	5.75
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2650.07	3.25	0	79.47	0	0.72	0	0	5.42	0	0	0	0	0	0	5.47	5.47
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2688.63	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.28	5.28
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2742.59	3.25	0	79.76	0	0.74	0	0	5.57	0	0	0	0	0	0	5.01	5.01
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2838.48	3.25	0	80.06	0	0.76	0	0	5.71	0	0	0	0	0	0	4.54	4.54
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2848.8	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.49	4.49
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2935.39	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.07	4.07
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2957.27	3.25	0	80.42	0	0.79	0	0	5.89	0	0	0	0	0	0	3.97	3.97
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3050.55	3.25	0	80.69	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3085.29	3.25	0	80.79	0	0.83	0	0	6.08	0	0	0	0	0	0	3.38	3.38
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3157.58	3.25	0	80.99	0	0.84	0	0	6.19	0	0	0	0	0	0	3.05	3.05
imit. Value D/N:	0	0																							
Level D/N:	38.9469	38.9469																							

Receiver: Existing Noise Receptor
ID: R17
X: 341737
Y: 4684412
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1015.1	4.15	0	71.13	0	-0.85	0	0	2.55	0	0	0	0	0	0	38.34	38.34
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1163.16	3.25	0	72.31	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.75	16.75
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1282.07	3.25	0	73.16	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.52	15.52
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1291.56	3.25	0	73.22	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.42	15.42
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1398.14	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.41	14.41
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1410.73	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.29	14.29
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1501.2	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.49	13.49
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	995.14	3.5	0	70.96	0	2.91	0	0	1.07	0	0	0	0	0	0	21.69	21.69
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1556.8	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1614.17	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1678.46	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1682.45	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1770.91	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.32	11.32

Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1858.66	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.68	10.68
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2011.36	3.25	0	77.07	0	0.13	0	0	13.49	0	0	0	0	0	0	9.62	9.62
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2117.23	3.25	0	77.52	0	0.16	0	0	13.71	0	0	0	0	0	0	8.93	8.93
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2262.14	3.25	0	78.09	0	0.2	0	0	14	0	0	0	0	0	0	8.02	8.02
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2404.44	3.25	0	78.62	0	0.23	0	0	14.28	0	0	0	0	0	0	7.18	7.18
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2409.18	3.25	0	78.64	0	0.24	0	0	14.28	0	0	0	0	0	0	7.15	7.15
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2513.2	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.56	6.56
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2517.47	3.25	0	79.02	0	0.26	0	0	14.49	0	0	0	0	0	0	6.54	6.54
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2610.27	3.25	0	79.33	0	0.28	0	0	14.67	0	0	0	0	0	0	6.03	6.03
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2664.51	3.25	0	79.51	0	0.29	0	0	14.77	0	0	0	0	0	0	5.74	5.74
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2695.29	3.25	0	79.61	0	0.3	0	0	14.82	0	0	0	0	0	0	5.58	5.58
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2756.31	3.25	0	79.81	0	0.31	0	0	14.93	0	0	0	0	0	0	5.26	5.26
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2851.51	3.25	0	80.1	0	0.33	0	0	15.11	0	0	0	0	0	0	4.77	4.77
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2863.65	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2948.94	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.28	4.28
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2972.52	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.17	4.17
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3065.25	3.25	0	80.73	0	0.37	0	0	15.49	0	0	0	0	0	0	3.72	3.72
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3100.25	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.55	3.55
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3171.72	3.25	0	81.03	0	0.39	0	0	15.67	0	0	0	0	0	0	3.22	3.22
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1165.49	3.25	0	72.33	0	0.32	0	0	2.85	0	0	0	0	0	0	15.57	15.57
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1279.27	3.25	0	73.14	0	0.35	0	0	3.07	0	0	0	0	0	0	14.52	14.52
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1293.32	3.25	0	73.23	0	0.36	0	0	3.1	0	0	0	0	0	0	14.39	14.39
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1400.9	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	13.46	13.46
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1408.89	3.25	0	73.98	0	0.39	0	0	3.32	0	0	0	0	0	0	13.4	13.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1503.53	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	12.63	12.63
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1553.38	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	12.25	12.25
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	997.74	3.77	0	70.98	0	-0.69	0	0	2.52	0	0	0	0	0	0	14.17	14.17
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1616.56	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	11.77	11.77
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1679.6	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.31	11.31
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1682.17	3.25	0	75.52	0	0.46	0	0	3.81	0	0	0	0	0	0	11.29	11.29
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1773.67	3.25	0	75.98	0	0.48	0	0	3.98	0	0	0	0	0	0	10.64	10.64
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1855.63	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	10.08	10.08
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2008.14	3.25	0	77.06	0	0.55	0	0	4.38	0	0	0	0	0	0	9.09	9.09
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2113.11	3.25	0	77.5	0	0.57	0	0	4.56	0	0	0	0	0	0	8.45	8.45
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2257.94	3.25	0	78.07	0	0.61	0	0	4.8	0	0	0	0	0	0	7.59	7.59
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2400.08	3.25	0	78.6	0	0.65	0	0	5.03	0	0	0	0	0	0	6.79	6.79
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2405.46	3.25	0	78.62	0	0.65	0	0	5.04	0	0	0	0	0	0	6.76	6.76
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2516.02	3.25	0	79.01	0	0.68	0	0	5.21	0	0	0	0	0	0	6.17	6.17
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2521.44	3.25	0	79.03	0	0.68	0	0	5.22	0	0	0	0	0	0	6.14	6.14
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2607.24	3.25	0	79.32	0	0.7	0	0	5.36	0	0	0	0	0	0	5.69	5.69
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2661.13	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.42	5.42
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2698.64	3.25	0	79.62	0	0.73	0	0	5.5	0	0	0	0	0	0	5.23	5.23
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2753.19	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.95	4.95
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2848.64	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.49	4.49
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2859.7	3.25	0	80.13	0	0.77	0	0	5.75	0	0	0	0	0	0	4.43	4.43
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2945.88	3.25	0	80.38	0	0.79	0	0	5.88	0	0	0	0	0	0	4.02	4.02
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2968.4	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.92	3.92
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3061.36	3.25	0	80.72	0	0.82	0	0	6.05	0	0	0	0	0	0	3.49	3.49
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3096.67	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3168.06	3.25	0	81.02	0	0.85	0	0	6.21	0	0	0	0	0	0	3.01	3.01

imit. Value D/N: 0 0
Level D/N: 38.849 38.849

Receiver: Existing Noise Receptor
ID: R18
X: 341751
Y: 4684419
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1028.19	4.15	0	71.24	0	-0.85	0	0	2.58	0	0	0	0	0	0	38.21	38.21
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1175.06	3.25	0	72.4	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.62	16.62
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1294.84	3.25	0	73.24	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.39	15.39
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1302.4	3.25	0	73.29	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.32	15.32
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1411.71	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1422.45	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1513.94	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1008	3.5	0	71.07	0	2.92	0	0	1.08	0	0	0	0	0	0	21.56	21.56
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1570.55	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1626.19	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.45	12.45

Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1692.63	3.25	0	75.57	0	0.03	0	0	12.79	0	0	0	0	0	0	11.92	11.92
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1695.3	3.25	0	75.58	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1784.47	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.22	11.22
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1872.73	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2025.74	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.53	9.53
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2131.93	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.84	8.84
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2276.95	3.25	0	78.15	0	0.2	0	0	14.03	0	0	0	0	0	0	7.94	7.94
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2419.42	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.1	7.1
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2423.36	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2526.88	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.49	6.49
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2531.98	3.25	0	79.07	0	0.26	0	0	14.52	0	0	0	0	0	0	6.46	6.46
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2624.33	3.25	0	79.38	0	0.28	0	0	14.69	0	0	0	0	0	0	5.96	5.96
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2679.15	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2708.91	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.5	5.5
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2770.53	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.18	5.18
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2865.3	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.7	4.7
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2878.15	3.25	0	80.18	0	0.34	0	0	15.16	0	0	0	0	0	0	4.64	4.64
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2963.05	3.25	0	80.43	0	0.35	0	0	15.31	0	0	0	0	0	0	4.22	4.22
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2987.22	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.1	4.1
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3079.66	3.25	0	80.77	0	0.38	0	0	15.51	0	0	0	0	0	0	3.65	3.65
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3115.17	3.25	0	80.87	0	0.38	0	0	15.57	0	0	0	0	0	0	3.48	3.48
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3185.83	3.25	0	81.06	0	0.4	0	0	15.7	0	0	0	0	0	0	3.15	3.15
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1177.44	3.25	0	72.42	0	0.32	0	0	2.87	0	0	0	0	0	0	15.46	15.46
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1292	3.25	0	73.23	0	0.35	0	0	3.09	0	0	0	0	0	0	14.4	14.4
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1304.21	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	14.29	14.29
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1414.5	3.25	0	74.01	0	0.39	0	0	3.33	0	0	0	0	0	0	13.35	13.35
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1420.57	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.3	13.3
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1516.31	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1567.11	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.14	12.14
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1010.77	3.77	0	71.09	0	-0.69	0	0	2.54	0	0	0	0	0	0	14.03	14.03
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1628.62	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.68	11.68
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1692.42	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	11.21	11.21
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1696.36	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	11.19	11.19
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1787.25	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1869.69	3.25	0	76.44	0	0.51	0	0	4.14	0	0	0	0	0	0	9.99	9.99
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2022.51	3.25	0	77.12	0	0.55	0	0	4.4	0	0	0	0	0	0	9	9
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2127.81	3.25	0	77.56	0	0.58	0	0	4.58	0	0	0	0	0	0	8.36	8.36
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2272.74	3.25	0	78.13	0	0.62	0	0	4.82	0	0	0	0	0	0	7.51	7.51
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2415.06	3.25	0	78.66	0	0.65	0	0	5.05	0	0	0	0	0	0	6.71	6.71
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2419.63	3.25	0	78.67	0	0.66	0	0	5.06	0	0	0	0	0	0	6.69	6.69
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2529.71	3.25	0	79.06	0	0.68	0	0	5.23	0	0	0	0	0	0	6.1	6.1
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2535.96	3.25	0	79.08	0	0.69	0	0	5.24	0	0	0	0	0	0	6.06	6.06
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2621.29	3.25	0	79.37	0	0.71	0	0	5.38	0	0	0	0	0	0	5.62	5.62
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2675.76	3.25	0	79.55	0	0.72	0	0	5.46	0	0	0	0	0	0	5.34	5.34
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2712.26	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.16	5.16
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2767.4	3.25	0	79.84	0	0.75	0	0	5.61	0	0	0	0	0	0	4.88	4.88
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2862.42	3.25	0	80.13	0	0.77	0	0	5.75	0	0	0	0	0	0	4.42	4.42
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2874.19	3.25	0	80.17	0	0.77	0	0	5.77	0	0	0	0	0	0	4.36	4.36
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2959.99	3.25	0	80.43	0	0.79	0	0	5.9	0	0	0	0	0	0	3.96	3.96
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2983.1	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.85	3.85
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3075.76	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3111.58	3.25	0	80.86	0	0.83	0	0	6.12	0	0	0	0	0	0	3.26	3.26
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3182.15	3.25	0	81.05	0	0.85	0	0	6.23	0	0	0	0	0	0	2.95	2.95

imit. Value D/N: 0 0

Level D/N: 38.7143 38.7143

Receiver: Existing Noise Receptor

ID: R19

X: 341762

Y: 4684422

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1036.37	4.15	0	71.31	0	-0.85	0	0	2.59	0	0	0	0	0	0	38.12	38.12
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1182.19	3.25	0	72.45	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.55	16.55
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1302.72	3.25	0	73.3	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.31	15.31
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1308.6	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.26	15.26
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1420.34	3.25	0	74.05	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.2	14.2
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1429.39	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1521.8	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31

DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1015.99	3.5	0	71.14	0	2.93	0	0	1.09	0	0	0	0	0	0	21.48	21.48
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1579.35	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.83	12.83
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1633.39	3.25	0	75.26	0	0.01	0	0	12.65	0	0	0	0	0	0	12.39	12.39
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1701.83	3.25	0	75.62	0	0.04	0	0	12.81	0	0	0	0	0	0	11.85	11.85
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1703.25	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.84	11.84
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1793.08	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.16	11.16
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1881.82	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.52	10.52
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2035.14	3.25	0	77.17	0	0.14	0	0	13.54	0	0	0	0	0	0	9.47	9.47
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2141.69	3.25	0	77.62	0	0.17	0	0	13.76	0	0	0	0	0	0	8.77	8.77
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2286.81	3.25	0	78.18	0	0.21	0	0	14.05	0	0	0	0	0	0	7.88	7.88
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2429.5	3.25	0	78.71	0	0.24	0	0	14.32	0	0	0	0	0	0	7.04	7.04
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2432.56	3.25	0	78.72	0	0.24	0	0	14.33	0	0	0	0	0	0	7.02	7.02
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2535.58	3.25	0	79.08	0	0.27	0	0	14.53	0	0	0	0	0	0	6.44	6.44
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2541.53	3.25	0	79.1	0	0.27	0	0	14.54	0	0	0	0	0	0	6.41	6.41
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2633.4	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.91	5.91
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2688.83	3.25	0	79.59	0	0.3	0	0	14.81	0	0	0	0	0	0	5.61	5.61
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2717.55	3.25	0	79.68	0	0.31	0	0	14.86	0	0	0	0	0	0	5.46	5.46
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2779.76	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.14	5.14
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2874.11	3.25	0	80.17	0	0.34	0	0	15.15	0	0	0	0	0	0	4.66	4.66
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2887.67	3.25	0	80.21	0	0.34	0	0	15.17	0	0	0	0	0	0	4.59	4.59
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2972.18	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.17	4.17
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2996.97	3.25	0	80.53	0	0.36	0	0	15.37	0	0	0	0	0	0	4.05	4.05
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	3089.09	3.25	0	80.8	0	0.38	0	0	15.53	0	0	0	0	0	0	3.61	3.61
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	3125.16	3.25	0	80.9	0	0.39	0	0	15.59	0	0	0	0	0	0	3.44	3.44
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	3194.95	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.11	3.11
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1184.61	3.25	0	72.47	0	0.33	0	0	2.89	0	0	0	0	0	0	15.39	15.39
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1299.85	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	14.33	14.33
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1310.46	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	14.24	14.24
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1423.14	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1427.49	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	13.24	13.24
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1524.19	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1575.89	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.07	12.07
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1018.91	3.77	0	71.16	0	-0.69	0	0	2.56	0	0	0	0	0	0	13.94	13.94
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1635.85	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.63	11.63
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1700.34	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	11.16	11.16
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1705.58	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	11.12	11.12
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1795.87	3.25	0	76.09	0	0.49	0	0	4.01	0	0	0	0	0	0	10.49	10.49
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1878.77	3.25	0	76.48	0	0.51	0	0	4.16	0	0	0	0	0	0	9.93	9.93
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2031.9	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.95	8.95
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2137.55	3.25	0	77.6	0	0.58	0	0	4.6	0	0	0	0	0	0	8.3	8.3
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2282.6	3.25	0	78.17	0	0.62	0	0	4.84	0	0	0	0	0	0	7.45	7.45
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2425.12	3.25	0	78.69	0	0.66	0	0	5.07	0	0	0	0	0	0	6.66	6.66
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2428.82	3.25	0	78.71	0	0.66	0	0	5.07	0	0	0	0	0	0	6.64	6.64
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2538.42	3.25	0	79.09	0	0.69	0	0	5.25	0	0	0	0	0	0	6.05	6.05
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2545.51	3.25	0	79.12	0	0.69	0	0	5.26	0	0	0	0	0	0	6.01	6.01
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2630.36	3.25	0	79.4	0	0.71	0	0	5.39	0	0	0	0	0	0	5.57	5.57
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2685.43	3.25	0	79.58	0	0.72	0	0	5.48	0	0	0	0	0	0	5.29	5.29
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2720.92	3.25	0	79.69	0	0.73	0	0	5.53	0	0	0	0	0	0	5.11	5.11
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2776.63	3.25	0	79.87	0	0.75	0	0	5.62	0	0	0	0	0	0	4.84	4.84
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2871.22	3.25	0	80.16	0	0.77	0	0	5.76	0	0	0	0	0	0	4.38	4.38
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2883.7	3.25	0	80.2	0	0.78	0	0	5.78	0	0	0	0	0	0	4.32	4.32
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2969.11	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.92	3.92
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2992.84	3.25	0	80.52	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	3085.19	3.25	0	80.79	0	0.83	0	0	6.08	0	0	0	0	0	0	3.38	3.38
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	3121.56	3.25	0	80.89	0	0.83	0	0	6.14	0	0	0	0	0	0	3.22	3.22
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	3191.26	3.25	0	81.08	0	0.85	0	0	6.24	0	0	0	0	0	0	2.91	2.91

imit. Value D/N: 0 0

Level D/N: 38.6308 38.6308

Receiver: Existing Noise Receptor
ID: R20
X: 342305
Y: 4683160
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1136.6	4.15	0	72.11	0	-0.84	0	0	2.79	0	0	0	0	0	0	37.11	37.11
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	946.16	3.25	0	70.52	0	-0.27	0	0	10.73	0	0	0	0	0	0	19.34	19.34
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1032.64	3.25	0	71.28	0	-0.23	0	0	11.02	0	0	0	0	0	0	18.25	18.25
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1090.6	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.56	17.56

	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1174.05	3.25	0	72.39	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.63	16.63
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1231.48	3.25	0	72.81	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.03	16.03
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1270.28	3.25	0	73.08	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.63	15.63
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1340.7	3.25	0	73.55	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.95	14.95
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1388.68	3.25	0	73.85	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.49	14.49
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1457.23	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1558.62	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13	13
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1607.4	3.25	0	75.12	0	0.01	0	0	12.59	0	0	0	0	0	0	12.6	12.6
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1108.11	3.5	0	71.89	0	2.98	0	0	1.15	0	0	0	0	0	0	20.61	20.61
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1710	3.25	0	75.66	0	0.04	0	0	12.83	0	0	0	0	0	0	11.79	11.79
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1884.98	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.49	10.49
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2042.27	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.42	9.42
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2147.77	3.25	0	77.64	0	0.17	0	0	13.77	0	0	0	0	0	0	8.73	8.73
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2158.45	3.25	0	77.68	0	0.17	0	0	13.79	0	0	0	0	0	0	8.67	8.67
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2182.4	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.52	8.52
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2290.99	3.25	0	78.2	0	0.21	0	0	14.05	0	0	0	0	0	0	7.85	7.85
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2301.92	3.25	0	78.24	0	0.21	0	0	14.08	0	0	0	0	0	0	7.78	7.78
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2320.43	3.25	0	78.31	0	0.21	0	0	14.11	0	0	0	0	0	0	7.67	7.67
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2350.12	3.25	0	78.42	0	0.22	0	0	14.17	0	0	0	0	0	0	7.5	7.5
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2458.88	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2459.94	3.25	0	78.82	0	0.25	0	0	14.38	0	0	0	0	0	0	6.86	6.86
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2476.37	3.25	0	78.88	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2607.21	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.05	6.05
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2615.46	3.25	0	79.35	0	0.28	0	0	14.68	0	0	0	0	0	0	6	6
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	952.16	3.25	0	70.57	0	0.27	0	0	2.42	0	0	0	0	0	0	17.81	17.81
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2762.2	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.23	5.23
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2774.66	3.25	0	79.86	0	0.32	0	0	14.97	0	0	0	0	0	0	5.16	5.16
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2804.93	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2934.66	3.25	0	80.35	0	0.35	0	0	15.26	0	0	0	0	0	0	4.36	4.36
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1038.55	3.25	0	71.33	0	0.29	0	0	2.6	0	0	0	0	0	0	16.86	16.86
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1085.61	3.25	0	71.71	0	0.3	0	0	2.69	0	0	0	0	0	0	16.37	16.37
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1168.08	3.25	0	72.35	0	0.32	0	0	2.85	0	0	0	0	0	0	15.55	15.55
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1237.38	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	14.9	14.9
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1275.27	3.25	0	73.11	0	0.35	0	0	3.06	0	0	0	0	0	0	14.55	14.55
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1345.69	3.25	0	73.58	0	0.37	0	0	3.2	0	0	0	0	0	0	13.93	13.93
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1382.76	3.25	0	73.81	0	0.38	0	0	3.27	0	0	0	0	0	0	13.62	13.62
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1451.24	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1563.57	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	12.17	12.17
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1613.39	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	11.79	11.79
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1705.05	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.12	11.12
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1127.41	3.77	0	72.04	0	-0.68	0	0	2.77	0	0	0	0	0	0	12.83	12.83
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1880.04	3.25	0	76.48	0	0.51	0	0	4.16	0	0	0	0	0	0	9.92	9.92
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2036.33	3.25	0	77.18	0	0.55	0	0	4.43	0	0	0	0	0	0	8.92	8.92
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2152.39	3.25	0	77.66	0	0.58	0	0	4.62	0	0	0	0	0	0	8.21	8.21
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2152.72	3.25	0	77.66	0	0.58	0	0	4.62	0	0	0	0	0	0	8.21	8.21
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2176.49	3.25	0	77.76	0	0.59	0	0	4.66	0	0	0	0	0	0	8.07	8.07
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2296.41	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.37	7.37
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2297.25	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.37	7.37
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2326.2	3.25	0	78.33	0	0.63	0	0	4.91	0	0	0	0	0	0	7.2	7.2
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2344.21	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.1	7.1
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2454.39	3.25	0	78.8	0	0.66	0	0	5.12	0	0	0	0	0	0	6.5	6.5
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2455.29	3.25	0	78.8	0	0.66	0	0	5.12	0	0	0	0	0	0	6.49	6.49
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2471.58	3.25	0	78.86	0	0.67	0	0	5.14	0	0	0	0	0	0	6.41	6.41
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2602.66	3.25	0	79.31	0	0.7	0	0	5.35	0	0	0	0	0	0	5.72	5.72
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2609.83	3.25	0	79.33	0	0.71	0	0	5.36	0	0	0	0	0	0	5.68	5.68
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2756.54	3.25	0	79.81	0	0.74	0	0	5.59	0	0	0	0	0	0	4.94	4.94
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2769.14	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.88	4.88
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2799.57	3.25	0	79.94	0	0.75	0	0	5.65	0	0	0	0	0	0	4.73	4.73
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2929.9	3.25	0	80.34	0	0.79	0	0	5.85	0	0	0	0	0	0	4.1	4.1
imit. Value D/N:	0	0																							
Level D/N:	37.9937	37.9937																							

Receiver: Existing Noise Receptor
ID: R21
X: 342227
Y: 4683032
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1114.46	4.15	0	71.94	0	-0.84	0	0	2.75	0	0	0	0	0	0	37.33	37.33

Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	880.03	3.25	0	69.89	0	-0.31	0	0	10.49	0	0	0	0	0	0	20.24	20.24
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	987.92	3.25	0	70.89	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.8	18.8
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1013.35	3.25	0	71.12	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.48	18.48
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1117.64	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.25	17.25
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1136.5	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1191.14	3.25	0	72.52	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.45	16.45
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1277.88	3.25	0	73.13	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.56	15.56
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1295.79	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.38	15.38
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1382.77	3.25	0	73.81	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.55	14.55
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1467.35	3.25	0	74.33	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.78	13.78
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1529.22	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1619.97	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.5	12.5
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1088.27	3.5	0	71.73	0	2.97	0	0	1.14	0	0	0	0	0	0	20.79	20.79
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1792.07	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.17	11.17
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1950.49	3.25	0	76.8	0	0.11	0	0	13.36	0	0	0	0	0	0	10.04	10.04
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2028.51	3.25	0	77.14	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2048.5	3.25	0	77.23	0	0.14	0	0	13.56	0	0	0	0	0	0	9.38	9.38
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2087.27	3.25	0	77.39	0	0.15	0	0	13.64	0	0	0	0	0	0	9.12	9.12
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2166.96	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2185.14	3.25	0	77.79	0	0.18	0	0	13.84	0	0	0	0	0	0	8.5	8.5
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2212.58	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.33	8.33
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2254.35	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.07	8.07
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2333.98	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2342.23	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2367.16	3.25	0	78.48	0	0.23	0	0	14.2	0	0	0	0	0	0	7.4	7.4
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2484.62	3.25	0	78.91	0	0.25	0	0	14.43	0	0	0	0	0	0	6.72	6.72
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2499.84	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	885.95	3.25	0	69.95	0	0.25	0	0	2.28	0	0	0	0	0	0	18.59	18.59
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2648.1	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.83	5.83
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2654.36	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.79	5.79
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2678.98	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2822.49	3.25	0	80.01	0	0.33	0	0	15.05	0	0	0	0	0	0	4.92	4.92
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	993.62	3.25	0	70.94	0	0.28	0	0	2.51	0	0	0	0	0	0	17.35	17.35
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1008.37	3.25	0	71.07	0	0.28	0	0	2.54	0	0	0	0	0	0	17.19	17.19
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1111.79	3.25	0	71.92	0	0.31	0	0	2.74	0	0	0	0	0	0	16.1	16.1
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1142.48	3.25	0	72.16	0	0.32	0	0	2.8	0	0	0	0	0	0	15.8	15.8
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1196.13	3.25	0	72.56	0	0.33	0	0	2.91	0	0	0	0	0	0	15.28	15.28
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1282.81	3.25	0	73.16	0	0.35	0	0	3.08	0	0	0	0	0	0	14.48	14.48
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1289.81	3.25	0	73.21	0	0.35	0	0	3.09	0	0	0	0	0	0	14.42	14.42
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1376.79	3.25	0	73.78	0	0.38	0	0	3.26	0	0	0	0	0	0	13.67	13.67
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1472.33	3.25	0	74.36	0	0.4	0	0	3.43	0	0	0	0	0	0	12.88	12.88
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1535.21	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	12.39	12.39
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1614.98	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	11.78	11.78
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1107.46	3.77	0	71.89	0	-0.68	0	0	2.74	0	0	0	0	0	0	13.03	13.03
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1787.09	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1944.51	3.25	0	76.78	0	0.53	0	0	4.27	0	0	0	0	0	0	9.5	9.5
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2033.2	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.94	8.94
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2042.69	3.25	0	77.2	0	0.55	0	0	4.44	0	0	0	0	0	0	8.88	8.88
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2081.31	3.25	0	77.37	0	0.57	0	0	4.5	0	0	0	0	0	0	8.64	8.64
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2172.47	3.25	0	77.74	0	0.59	0	0	4.66	0	0	0	0	0	0	8.09	8.09
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2180.41	3.25	0	77.77	0	0.59	0	0	4.67	0	0	0	0	0	0	8.04	8.04
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2218.42	3.25	0	77.92	0	0.6	0	0	4.73	0	0	0	0	0	0	7.82	7.82
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2248.39	3.25	0	78.04	0	0.61	0	0	4.78	0	0	0	0	0	0	7.65	7.65
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2329.42	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.19	7.19
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2337.51	3.25	0	78.38	0	0.63	0	0	4.93	0	0	0	0	0	0	7.14	7.14
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2362.31	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	7	7
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2480	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2494.14	3.25	0	78.94	0	0.67	0	0	5.18	0	0	0	0	0	0	6.28	6.28
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2642.37	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.51	5.51
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2648.77	3.25	0	79.46	0	0.72	0	0	5.42	0	0	0	0	0	0	5.48	5.48
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2673.54	3.25	0	79.54	0	0.72	0	0	5.46	0	0	0	0	0	0	5.35	5.35
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2817.69	3.25	0	80	0	0.76	0	0	5.68	0	0	0	0	0	0	4.64	4.64

imit. Value D/N: 0 0

Level D/N: 38.2954 38.2954

Receiver: Existing Noise Receptor
ID: R22
X: 342360
Y: 4683104
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1207.4	4.15	0	72.64	0	-0.84	0	0	2.93	0	0	0	0	0	0	36.45	36.45
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1003.66	3.25	0	71.03	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.6	18.6
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1097.46	3.25	0	71.81	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.48	17.48
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1144.01	3.25	0	72.17	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.96	16.96
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1235.46	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.99	15.99
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1276.78	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1323.15	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1400.12	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.39	14.39
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1435.23	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1512.3	3.25	0	74.59	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.39	13.39
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1606.13	3.25	0	75.12	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1661.04	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1758.24	3.25	0	75.9	0	0.06	0	0	12.94	0	0	0	0	0	0	11.42	11.42
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1179.37	3.5	0	72.43	0	3.01	0	0	1.2	0	0	0	0	0	0	19.99	19.99
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1931.86	3.25	0	76.72	0	0.11	0	0	13.32	0	0	0	0	0	0	10.17	10.17
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2089.81	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2178.26	3.25	0	77.76	0	0.18	0	0	13.83	0	0	0	0	0	0	8.54	8.54
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2195.55	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.43	8.43
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2228.25	3.25	0	77.96	0	0.19	0	0	13.93	0	0	0	0	0	0	8.23	8.23
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2317.65	3.25	0	78.3	0	0.21	0	0	14.11	0	0	0	0	0	0	7.69	7.69
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2334.31	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2358.92	3.25	0	78.45	0	0.22	0	0	14.19	0	0	0	0	0	0	7.45	7.45
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2395.68	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.23	7.23
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2484.81	3.25	0	78.91	0	0.25	0	0	14.43	0	0	0	0	0	0	6.72	6.72
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2491.66	3.25	0	78.93	0	0.26	0	0	14.44	0	0	0	0	0	0	6.68	6.68
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2514.02	3.25	0	79.01	0	0.26	0	0	14.48	0	0	0	0	0	0	6.56	6.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2635.1	3.25	0	79.42	0	0.29	0	0	14.71	0	0	0	0	0	0	5.9	5.9
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2648.74	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2796.59	3.25	0	79.93	0	0.32	0	0	15.01	0	0	0	0	0	0	5.05	5.05
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2804.42	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2829.96	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.88	4.88
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1009.65	3.25	0	71.08	0	0.28	0	0	2.54	0	0	0	0	0	0	17.17	17.17
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2970.41	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1103.32	3.25	0	71.85	0	0.31	0	0	2.73	0	0	0	0	0	0	16.19	16.19
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1139.01	3.25	0	72.13	0	0.31	0	0	2.8	0	0	0	0	0	0	15.83	15.83
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1229.52	3.25	0	72.79	0	0.34	0	0	2.97	0	0	0	0	0	0	14.97	14.97
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1282.72	3.25	0	73.16	0	0.35	0	0	3.08	0	0	0	0	0	0	14.48	14.48
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1328.15	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	14.08	14.08
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1405.09	3.25	0	73.95	0	0.38	0	0	3.31	0	0	0	0	0	0	13.43	13.43
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1429.27	3.25	0	74.1	0	0.39	0	0	3.35	0	0	0	0	0	0	13.23	13.23
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1506.3	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1611.1	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1667.04	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.4	11.4
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1753.26	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1198.68	3.77	0	72.57	0	-0.67	0	0	2.91	0	0	0	0	0	0	12.15	12.15
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1926.9	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	9.61	9.61
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2083.84	3.25	0	77.38	0	0.57	0	0	4.51	0	0	0	0	0	0	8.62	8.62
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2182.94	3.25	0	77.78	0	0.59	0	0	4.67	0	0	0	0	0	0	8.03	8.03
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2189.76	3.25	0	77.81	0	0.59	0	0	4.68	0	0	0	0	0	0	7.99	7.99
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2222.31	3.25	0	77.94	0	0.6	0	0	4.74	0	0	0	0	0	0	7.8	7.8
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2323.15	3.25	0	78.32	0	0.63	0	0	4.9	0	0	0	0	0	0	7.22	7.22
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2329.59	3.25	0	78.35	0	0.63	0	0	4.91	0	0	0	0	0	0	7.19	7.19
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2364.74	3.25	0	78.48	0	0.64	0	0	4.97	0	0	0	0	0	0	6.99	6.99
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2389.74	3.25	0	78.57	0	0.65	0	0	5.01	0	0	0	0	0	0	6.85	6.85
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2480.25	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2486.96	3.25	0	78.91	0	0.67	0	0	5.17	0	0	0	0	0	0	6.32	6.32
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2509.19	3.25	0	78.99	0	0.68	0	0	5.2	0	0	0	0	0	0	6.2	6.2
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2630.5	3.25	0	79.4	0	0.71	0	0	5.39	0	0	0	0	0	0	5.57	5.57
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2643.05	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.51	5.51
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2790.87	3.25	0	79.91	0	0.75	0	0	5.64	0	0	0	0	0	0	4.77	4.77
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2798.84	3.25	0	79.94	0	0.75	0	0	5.65	0	0	0	0	0	0	4.73	4.73
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2824.53	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.6	4.6
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2965.62	3.25	0	80.44	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
imit. Value D/N:	0	0																									
Level D/N:	37.3552	37.3552																									

Receiver: Existing Noise Receptor
ID: R23
X: 342371

Y: 4682958
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1276.35	4.15	0	73.12	0	-0.83	0	0	3.06	0	0	0	0	0	0	35.82	35.82
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1035.43	3.25	0	71.3	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.21	18.21
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1148.07	3.25	0	72.2	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.92	16.92
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1163.82	3.25	0	72.32	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.74	16.74
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1275.07	3.25	0	73.11	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.59	15.59
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1276.29	3.25	0	73.12	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.57	15.57
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1339.94	3.25	0	73.54	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.95	14.95
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1433.04	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1436.22	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.06	14.06
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1533.14	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.22	13.22
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1608.2	3.25	0	75.13	0	0.01	0	0	12.59	0	0	0	0	0	0	12.59	12.59
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1677.44	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.04	12.04
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1761.17	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1250.16	3.5	0	72.94	0	3.04	0	0	1.24	0	0	0	0	0	0	19.41	19.41
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1930.87	3.25	0	76.72	0	0.11	0	0	13.31	0	0	0	0	0	0	10.17	10.17
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2089.73	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2141.62	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.77	8.77
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2172.21	3.25	0	77.74	0	0.18	0	0	13.82	0	0	0	0	0	0	8.58	8.58
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2223.84	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.26	8.26
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2273.21	3.25	0	78.13	0	0.2	0	0	14.02	0	0	0	0	0	0	7.96	7.96
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2300.95	3.25	0	78.24	0	0.21	0	0	14.07	0	0	0	0	0	0	7.79	7.79
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2338.01	3.25	0	78.38	0	0.22	0	0	14.15	0	0	0	0	0	0	7.57	7.57
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2390.13	3.25	0	78.57	0	0.23	0	0	14.25	0	0	0	0	0	0	7.26	7.26
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2438.55	3.25	0	78.74	0	0.24	0	0	14.34	0	0	0	0	0	0	6.99	6.99
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2456.55	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.88	6.88
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2490.94	3.25	0	78.93	0	0.25	0	0	14.44	0	0	0	0	0	0	6.69	6.69
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2592.22	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.13	6.13
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2616.38	3.25	0	79.35	0	0.28	0	0	14.68	0	0	0	0	0	0	6	6
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2764.79	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.21	5.21
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2766.14	3.25	0	79.84	0	0.32	0	0	14.95	0	0	0	0	0	0	5.21	5.21
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2781.27	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.13	5.13
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2942.45	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.32	4.32
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1041.29	3.25	0	71.35	0	0.29	0	0	2.6	0	0	0	0	0	0	16.83	16.83
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1153.73	3.25	0	72.24	0	0.32	0	0	2.83	0	0	0	0	0	0	15.69	15.69
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1158.86	3.25	0	72.28	0	0.32	0	0	2.84	0	0	0	0	0	0	15.64	15.64
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1269.26	3.25	0	73.07	0	0.35	0	0	3.05	0	0	0	0	0	0	14.61	14.61
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1282.29	3.25	0	73.16	0	0.35	0	0	3.08	0	0	0	0	0	0	14.49	14.49
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1344.92	3.25	0	73.57	0	0.37	0	0	3.19	0	0	0	0	0	0	13.94	13.94
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1430.22	3.25	0	74.11	0	0.39	0	0	3.35	0	0	0	0	0	0	13.22	13.22
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1437.93	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1527.18	3.25	0	74.68	0	0.42	0	0	3.53	0	0	0	0	0	0	12.45	12.45
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1613.2	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	11.79	11.79
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1683.42	3.25	0	75.52	0	0.46	0	0	3.82	0	0	0	0	0	0	11.28	11.28
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1756.17	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	10.76	10.76
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1925.88	3.25	0	76.69	0	0.52	0	0	4.24	0	0	0	0	0	0	9.62	9.62
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1269.36	3.77	0	73.07	0	-0.66	0	0	3.05	0	0	0	0	0	0	11.51	11.51
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2083.74	3.25	0	77.38	0	0.57	0	0	4.51	0	0	0	0	0	0	8.63	8.63
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2146.4	3.25	0	77.63	0	0.58	0	0	4.61	0	0	0	0	0	0	8.25	8.25
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2166.33	3.25	0	77.71	0	0.59	0	0	4.65	0	0	0	0	0	0	8.13	8.13
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2217.85	3.25	0	77.92	0	0.6	0	0	4.73	0	0	0	0	0	0	7.82	7.82
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2278.84	3.25	0	78.15	0	0.62	0	0	4.83	0	0	0	0	0	0	7.47	7.47
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2296.13	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.37	7.37
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2343.91	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.11	7.11
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2384.15	3.25	0	78.55	0	0.65	0	0	5	0	0	0	0	0	0	6.88	6.88
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2433.88	3.25	0	78.73	0	0.66	0	0	5.08	0	0	0	0	0	0	6.61	6.61
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2451.76	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.51	6.51
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2486.04	3.25	0	78.91	0	0.67	0	0	5.17	0	0	0	0	0	0	6.33	6.33
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2587.52	3.25	0	79.26	0	0.7	0	0	5.33	0	0	0	0	0	0	5.79	5.79
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2610.6	3.25	0	79.33	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2759.1	3.25	0	79.82	0	0.74	0	0	5.59	0	0	0	0	0	0	4.92	4.92
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2760.34	3.25	0	79.82	0	0.74	0	0	5.59	0	0	0	0	0	0	4.92	4.92
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2775.72	3.25	0	79.87	0	0.75	0	0	5.62	0	0	0	0	0	0	4.84	4.84
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2937.6	3.25	0	80.36	0	0.79	0	0	5.86	0	0	0	0	0	0	4.06	4.06

imit. Value D/N: 0 0
Level D/N: 36.8149 36.8149

Receiver: Existing Noise Receptor
ID: R24
X: 342447
Y: 4682824
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1407.1	4.15	0	73.97	0	-0.82	0	0	3.31	0	0	0	0	0	0	34.72	34.72
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1143.84	3.25	0	72.17	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.96	16.96
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1261.78	3.25	0	73.02	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.72	15.72
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1268.27	3.25	0	73.06	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.65	15.65
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1356.23	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.8	14.8
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1386.77	3.25	0	73.84	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.51	14.51
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1433.77	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.08	14.08
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1515.93	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.36	13.36
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1538.72	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1628.77	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.43	12.43
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1687.53	3.25	0	75.55	0	0.03	0	0	12.77	0	0	0	0	0	0	11.96	11.96
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1768.58	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.34	11.34
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1840.29	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2005.6	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.66	9.66
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1382.11	3.5	0	73.81	0	3.08	0	0	1.33	0	0	0	0	0	0	18.41	18.41
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2164.56	3.25	0	77.71	0	0.17	0	0	13.8	0	0	0	0	0	0	8.63	8.63
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2180.54	3.25	0	77.77	0	0.18	0	0	13.83	0	0	0	0	0	0	8.53	8.53
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2224.6	3.25	0	77.95	0	0.19	0	0	13.92	0	0	0	0	0	0	8.25	8.25
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2294.16	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.83	7.83
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2303.21	3.25	0	78.25	0	0.21	0	0	14.08	0	0	0	0	0	0	7.78	7.78
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2342.61	3.25	0	78.39	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2392.14	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2458.81	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2465.92	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2495.79	3.25	0	78.94	0	0.26	0	0	14.45	0	0	0	0	0	0	6.66	6.66
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2542.36	3.25	0	79.1	0	0.27	0	0	14.54	0	0	0	0	0	0	6.4	6.4
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2622.74	3.25	0	79.38	0	0.28	0	0	14.69	0	0	0	0	0	0	5.96	5.96
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2657.96	3.25	0	79.49	0	0.29	0	0	14.75	0	0	0	0	0	0	5.77	5.77
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2798.27	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.04	5.04
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2804.87	3.25	0	79.96	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2809.27	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2987.66	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.1	4.1
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1149.54	3.25	0	72.21	0	0.32	0	0	2.82	0	0	0	0	0	0	15.73	15.73
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1256.91	3.25	0	72.99	0	0.35	0	0	3.03	0	0	0	0	0	0	14.72	14.72
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1273.76	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.57	14.57
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1362.21	3.25	0	73.68	0	0.37	0	0	3.23	0	0	0	0	0	0	13.79	13.79
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1381.1	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	13.63	13.63
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1438.69	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	13.15	13.15
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1509.94	3.25	0	74.58	0	0.41	0	0	3.5	0	0	0	0	0	0	12.58	12.58
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1543.53	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1622.88	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	11.72	11.72
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1692.52	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	11.21	11.21
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1774.51	3.25	0	75.98	0	0.48	0	0	3.98	0	0	0	0	0	0	10.64	10.64
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1835.3	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	10.22	10.22
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2000.6	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2158.56	3.25	0	77.68	0	0.59	0	0	4.63	0	0	0	0	0	0	8.17	8.17
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2185.41	3.25	0	77.79	0	0.59	0	0	4.68	0	0	0	0	0	0	8.02	8.02
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2218.65	3.25	0	77.92	0	0.6	0	0	4.73	0	0	0	0	0	0	7.82	7.82
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1401.14	3.77	0	73.93	0	-0.64	0	0	3.3	0	0	0	0	0	0	10.38	10.38
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2288.16	3.25	0	78.19	0	0.62	0	0	4.85	0	0	0	0	0	0	7.42	7.42
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2308.97	3.25	0	78.27	0	0.63	0	0	4.88	0	0	0	0	0	0	7.3	7.3
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2337.72	3.25	0	78.38	0	0.63	0	0	4.93	0	0	0	0	0	0	7.14	7.14
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2398.09	3.25	0	78.6	0	0.65	0	0	5.02	0	0	0	0	0	0	6.8	6.8
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2452.81	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.51	6.51
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2461.15	3.25	0	78.82	0	0.67	0	0	5.13	0	0	0	0	0	0	6.46	6.46
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2490.92	3.25	0	78.93	0	0.67	0	0	5.17	0	0	0	0	0	0	6.3	6.3
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2537.42	3.25	0	79.09	0	0.69	0	0	5.25	0	0	0	0	0	0	6.06	6.06
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2617.95	3.25	0	79.36	0	0.71	0	0	5.37	0	0	0	0	0	0	5.64	5.64
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2652.1	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2792.49	3.25	0	79.92	0	0.75	0	0	5.64	0	0	0	0	0	0	4.76	4.76
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2799.2	3.25	0	79.94	0	0.75	0	0	5.65	0	0	0	0	0	0	4.73	4.73
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2803.39	3.25	0	79.95	0	0.75	0	0	5.66	0	0	0	0	0	0	4.71	4.71
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2982.75	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.85	3.85

imit. Value D/N: 0 0
Level D/N: 35.7712 35.7712

Receiver: Existing Noise Receptor
ID: R25
X: 342374
Y: 4682783
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1366.55	4.15	0	73.71	0	-0.82	0	0	3.24	0	0	0	0	0	0	35.05	35.05
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1088.79	3.25	0	71.74	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.58	17.58
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1200.87	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1220.06	3.25	0	72.73	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.15	16.15
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1287.54	3.25	0	73.2	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.46	15.46
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1332.74	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.02	15.02
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1370.47	3.25	0	73.74	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.66	14.66
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1446.8	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1480.91	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.67	13.67
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1565.85	3.25	0	74.89	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.94	12.94
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1617.97	3.25	0	75.18	0	0.01	0	0	12.61	0	0	0	0	0	0	12.51	12.51
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1703.45	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.84	11.84
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1770.45	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.33	11.33
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1934.1	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1342.7	3.5	0	73.56	0	3.07	0	0	1.3	0	0	0	0	0	0	18.69	18.69
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2092.94	3.25	0	77.42	0	0.16	0	0	13.66	0	0	0	0	0	0	9.09	9.09
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2100.34	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.04	9.04
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2146.93	3.25	0	77.64	0	0.17	0	0	13.77	0	0	0	0	0	0	8.74	8.74
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2221.05	3.25	0	77.93	0	0.19	0	0	13.92	0	0	0	0	0	0	8.28	8.28
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2221.67	3.25	0	77.93	0	0.19	0	0	13.92	0	0	0	0	0	0	8.27	8.27
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2262.79	3.25	0	78.09	0	0.2	0	0	14	0	0	0	0	0	0	8.02	8.02
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2314.76	3.25	0	78.29	0	0.21	0	0	14.1	0	0	0	0	0	0	7.71	7.71
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2384.01	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.3	7.3
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2385.1	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.29	7.29
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2415.52	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.12	7.12
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2464.33	3.25	0	78.83	0	0.25	0	0	14.39	0	0	0	0	0	0	6.84	6.84
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2541.18	3.25	0	79.1	0	0.27	0	0	14.54	0	0	0	0	0	0	6.41	6.41
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2578.02	3.25	0	79.23	0	0.27	0	0	14.61	0	0	0	0	0	0	6.21	6.21
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2717.06	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.46	5.46
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2722.49	3.25	0	79.7	0	0.31	0	0	14.87	0	0	0	0	0	0	5.43	5.43
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2729.55	3.25	0	79.72	0	0.31	0	0	14.89	0	0	0	0	0	0	5.4	5.4
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2908.26	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1094.39	3.25	0	71.78	0	0.3	0	0	2.71	0	0	0	0	0	0	16.28	16.28
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1196.05	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	15.28	15.28
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1225.4	3.25	0	72.77	0	0.34	0	0	2.97	0	0	0	0	0	0	15.01	15.01
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1293.5	3.25	0	73.24	0	0.36	0	0	3.1	0	0	0	0	0	0	14.39	14.39
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1327.17	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	14.09	14.09
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1375.34	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.68	13.68
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1440.83	3.25	0	74.17	0	0.39	0	0	3.37	0	0	0	0	0	0	13.14	13.14
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1485.66	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	12.77	12.77
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1560	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.19	12.19
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1622.95	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	11.72	11.72
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1709.35	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1765.47	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.7	10.7
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1929.1	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	9.6	9.6
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2086.94	3.25	0	77.39	0	0.57	0	0	4.51	0	0	0	0	0	0	8.61	8.61
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2105.22	3.25	0	77.47	0	0.57	0	0	4.54	0	0	0	0	0	0	8.49	8.49
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2140.97	3.25	0	77.61	0	0.58	0	0	4.6	0	0	0	0	0	0	8.28	8.28
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1361.53	3.77	0	73.68	0	-0.64	0	0	3.23	0	0	0	0	0	0	10.71	10.71
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2215.05	3.25	0	77.91	0	0.6	0	0	4.73	0	0	0	0	0	0	7.84	7.84
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2227.44	3.25	0	77.96	0	0.6	0	0	4.75	0	0	0	0	0	0	7.77	7.77
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2257.89	3.25	0	78.07	0	0.61	0	0	4.8	0	0	0	0	0	0	7.59	7.59
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2320.72	3.25	0	78.31	0	0.63	0	0	4.9	0	0	0	0	0	0	7.24	7.24
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2379.1	3.25	0	78.53	0	0.64	0	0	4.99	0	0	0	0	0	0	6.91	6.91
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2379.23	3.25	0	78.53	0	0.64	0	0	4.99	0	0	0	0	0	0	6.91	6.91
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2410.64	3.25	0	78.64	0	0.65	0	0	5.05	0	0	0	0	0	0	6.74	6.74
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2459.38	3.25	0	78.82	0	0.67	0	0	5.12	0	0	0	0	0	0	6.47	6.47
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2536.37	3.25	0	79.08	0	0.69	0	0	5.25	0	0	0	0	0	0	6.06	6.06
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2572.15	3.25	0	79.21	0	0.7	0	0	5.3	0	0	0	0	0	0	5.87	5.87
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2711.26	3.25	0	79.66	0	0.73	0	0	5.52	0	0	0	0	0	0	5.16	5.16

	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2716.81	3.25	0	79.68	0	0.73	0	0	5.53	0	0	0	0	0	0	5.13	5.13
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2723.66	3.25	0	79.7	0	0.73	0	0	5.54	0	0	0	0	0	0	5.1	5.1
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2903.34	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.23	4.23
imit. Value D/N:	0		0																							
Level D/N:	36.1418		36.1418																							

Receiver: Existing Noise Receptor
ID: R26
X: 342401
Y: 4682645
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1468.22	4.15	0	74.34	0	-0.81	0	0	3.43	0	0	0	0	0	0	34.23	34.23
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1169.95	3.25	0	72.36	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.68	16.68
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1269.71	3.25	0	73.07	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.64	15.64
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1311.64	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.23	15.23
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1336.95	3.25	0	73.52	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.98	14.98
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1414.09	3.25	0	74.01	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.26	14.26
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1432.91	3.25	0	74.12	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1494.02	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1554.47	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1628.17	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.43	12.43
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1663.13	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.15	12.15
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1759.98	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1814.17	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1972.22	3.25	0	76.9	0	0.12	0	0	13.4	0	0	0	0	0	0	9.89	9.89
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2101.99	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.03	9.03
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2130.24	3.25	0	77.57	0	0.17	0	0	13.73	0	0	0	0	0	0	8.85	8.85
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2161.5	3.25	0	77.7	0	0.17	0	0	13.8	0	0	0	0	0	0	8.65	8.65
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1445.93	3.5	0	74.2	0	3.1	0	0	1.37	0	0	0	0	0	0	17.96	17.96
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2214.11	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2253.13	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.08	8.08
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2266.3	3.25	0	78.11	0	0.2	0	0	14.01	0	0	0	0	0	0	8	8
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2330.25	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.62	7.62
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2373.24	3.25	0	78.51	0	0.23	0	0	14.21	0	0	0	0	0	0	7.36	7.36
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2414.79	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.12	7.12
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2416.04	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.11	7.11
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2476.53	3.25	0	78.88	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2532.82	3.25	0	79.07	0	0.26	0	0	14.52	0	0	0	0	0	0	6.46	6.46
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2580.19	3.25	0	79.23	0	0.28	0	0	14.61	0	0	0	0	0	0	6.19	6.19
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2706.97	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2710.96	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.49	5.49
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2732.7	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.38	5.38
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2912.91	3.25	0	80.29	0	0.35	0	0	15.22	0	0	0	0	0	0	4.46	4.46
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1175.3	3.25	0	72.4	0	0.32	0	0	2.87	0	0	0	0	0	0	15.48	15.48
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1265.05	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	14.64	14.64
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1316.74	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.18	14.18
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1342.81	3.25	0	73.56	0	0.37	0	0	3.19	0	0	0	0	0	0	13.96	13.96
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1408.73	3.25	0	73.98	0	0.39	0	0	3.31	0	0	0	0	0	0	13.4	13.4
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1437.67	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1488.14	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	12.76	12.76
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1559.08	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.2	12.2
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1622.45	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.72	11.72
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1668.05	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1765.78	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.7	10.7
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1809.23	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1967.26	3.25	0	76.88	0	0.53	0	0	4.31	0	0	0	0	0	0	9.35	9.35
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2106.93	3.25	0	77.47	0	0.57	0	0	4.55	0	0	0	0	0	0	8.48	8.48
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2124.27	3.25	0	77.54	0	0.58	0	0	4.58	0	0	0	0	0	0	8.38	8.38
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2155.51	3.25	0	77.67	0	0.59	0	0	4.63	0	0	0	0	0	0	8.19	8.19
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2219.98	3.25	0	77.93	0	0.6	0	0	4.73	0	0	0	0	0	0	7.81	7.81
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2247.15	3.25	0	78.03	0	0.61	0	0	4.78	0	0	0	0	0	0	7.65	7.65
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2261.35	3.25	0	78.09	0	0.61	0	0	4.8	0	0	0	0	0	0	7.57	7.57
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2336.24	3.25	0	78.37	0	0.63	0	0	4.92	0	0	0	0	0	0	7.15	7.15
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1464.42	3.77	0	74.31	0	-0.63	0	0	3.42	0	0	0	0	0	0	9.87	9.87
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2368.38	3.25	0	78.49	0	0.64	0	0	4.98	0	0	0	0	0	0	6.97	6.97
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2408.8	3.25	0	78.64	0	0.65	0	0	5.04	0	0	0	0	0	0	6.75	6.75
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2411.1	3.25	0	78.64	0	0.65	0	0	5.05	0	0	0	0	0	0	6.73	6.73
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2471.55	3.25	0	78.86	0	0.67	0	0	5.14	0	0	0	0	0	0	6.41	6.41

	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2527.95	3.25	0	79.06	0	0.68	0	0	5.23	0	0	0	0	0	0	6.11	6.11
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2574.26	3.25	0	79.21	0	0.7	0	0	5.31	0	0	0	0	0	0	5.86	5.86
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2701.2	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.21	5.21
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2705.09	3.25	0	79.64	0	0.73	0	0	5.51	0	0	0	0	0	0	5.19	5.19
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2726.76	3.25	0	79.71	0	0.74	0	0	5.54	0	0	0	0	0	0	5.09	5.09
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2907.95	3.25	0	80.27	0	0.78	0	0	5.82	0	0	0	0	0	0	4.2	4.2
imit. Value D/N:	0	0																								
Level D/N:	35.3896	35.3896																								

Receiver: Existing Noise Receptor
ID: R27
X: 342470
Y: 4682591
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1555.83	4.15	0	74.84	0	-0.8	0	0	3.59	0	0	0	0	0	0	33.55	33.55
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1256.07	3.25	0	72.98	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.78	15.78
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1353.74	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.82	14.82
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1398.8	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1416.41	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.24	14.24
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1500.08	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.5	13.5
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1515.44	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1572.64	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1639.13	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1710.48	3.25	0	75.66	0	0.04	0	0	12.83	0	0	0	0	0	0	11.78	11.78
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1740.92	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.55	11.55
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1840.77	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1891.36	3.25	0	76.54	0	0.1	0	0	13.23	0	0	0	0	0	0	10.45	10.45
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2047.51	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.38	9.38
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2163.2	3.25	0	77.7	0	0.17	0	0	13.8	0	0	0	0	0	0	8.64	8.64
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2205.11	3.25	0	77.87	0	0.19	0	0	13.88	0	0	0	0	0	0	8.38	8.38
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2228.07	3.25	0	77.96	0	0.19	0	0	13.93	0	0	0	0	0	0	8.23	8.23
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2270.99	3.25	0	78.12	0	0.2	0	0	14.01	0	0	0	0	0	0	7.97	7.97
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2326.14	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.64	7.64
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2328.12	3.25	0	78.34	0	0.22	0	0	14.13	0	0	0	0	0	0	7.63	7.63
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1533.55	3.5	0	74.71	0	3.12	0	0	1.43	0	0	0	0	0	0	17.37	17.37
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2396.99	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.22	7.22
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2428.37	3.25	0	78.71	0	0.24	0	0	14.32	0	0	0	0	0	0	7.04	7.04
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2476.36	3.25	0	78.88	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2486.82	3.25	0	78.91	0	0.25	0	0	14.43	0	0	0	0	0	0	6.71	6.71
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2541.8	3.25	0	79.1	0	0.27	0	0	14.54	0	0	0	0	0	0	6.41	6.41
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2588.93	3.25	0	79.26	0	0.28	0	0	14.63	0	0	0	0	0	0	6.15	6.15
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2641.08	3.25	0	79.44	0	0.29	0	0	14.72	0	0	0	0	0	0	5.86	5.86
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2759.4	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.24	5.24
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2767.96	3.25	0	79.84	0	0.32	0	0	14.96	0	0	0	0	0	0	5.2	5.2
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2793.89	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.06	5.06
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2974.61	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.16	4.16
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1261.38	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	14.68	14.68
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1349.11	3.25	0	73.6	0	0.37	0	0	3.2	0	0	0	0	0	0	13.9	13.9
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1403.87	3.25	0	73.95	0	0.38	0	0	3.31	0	0	0	0	0	0	13.44	13.44
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1422.24	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.29	13.29
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1494.75	3.25	0	74.49	0	0.41	0	0	3.47	0	0	0	0	0	0	12.7	12.7
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1520.16	3.25	0	74.64	0	0.41	0	0	3.52	0	0	0	0	0	0	12.5	12.5
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1566.78	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.14	12.14
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1643.71	3.25	0	75.32	0	0.45	0	0	3.74	0	0	0	0	0	0	11.57	11.57
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1704.79	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.13	11.13
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1745.83	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	10.83	10.83
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1846.55	3.25	0	76.33	0	0.5	0	0	4.1	0	0	0	0	0	0	10.14	10.14
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1886.45	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	9.88	9.88
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2042.56	3.25	0	77.2	0	0.55	0	0	4.44	0	0	0	0	0	0	8.88	8.88
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2168.17	3.25	0	77.72	0	0.59	0	0	4.65	0	0	0	0	0	0	8.12	8.12
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2199.16	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2222.07	3.25	0	77.94	0	0.6	0	0	4.74	0	0	0	0	0	0	7.8	7.8
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2276.89	3.25	0	78.15	0	0.62	0	0	4.83	0	0	0	0	0	0	7.48	7.48
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2320.16	3.25	0	78.31	0	0.63	0	0	4.9	0	0	0	0	0	0	7.24	7.24
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2323.15	3.25	0	78.32	0	0.63	0	0	4.9	0	0	0	0	0	0	7.22	7.22
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2402.99	3.25	0	78.62	0	0.65	0	0	5.03	0	0	0	0	0	0	6.78	6.78
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2423.49	3.25	0	78.69	0	0.66	0	0	5.07	0	0	0	0	0	0	6.67	6.67
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2471.4	3.25	0	78.86	0	0.67	0	0	5.14	0	0	0	0	0	0	6.41	6.41

	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2480.83	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1552.04	3.77	0	74.82	0	-0.61	0	0	3.58	0	0	0	0	0	0	9.19	9.19
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2536.81	3.25	0	79.09	0	0.69	0	0	5.25	0	0	0	0	0	0	6.06	6.06
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2584.03	3.25	0	79.25	0	0.7	0	0	5.32	0	0	0	0	0	0	5.81	5.81
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2635.13	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.55	5.55
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2753.59	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.95	4.95
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2762.06	3.25	0	79.82	0	0.74	0	0	5.6	0	0	0	0	0	0	4.91	4.91
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2787.93	3.25	0	79.91	0	0.75	0	0	5.64	0	0	0	0	0	0	4.78	4.78
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2969.64	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.91	3.91
imit. Value D/N:	0	0																								
Level D/N:	34.727	34.727																								

Receiver: Existing Noise Receptor
ID: R28
X: 341488
Y: 4681751
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1799.45	4.15	0	76.1	0	-0.77	0	0	4.02	0	0	0	0	0	0	31.82	31.82
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1243.73	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.9	15.9
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1304.08	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1304.97	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.29	15.29
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1318.99	3.25	0	73.4	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1377.13	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.6	14.6
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1386.63	3.25	0	73.84	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.51	14.51
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1407.23	3.25	0	73.97	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.32	14.32
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1430.35	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.11	14.11
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1431.83	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1454.4	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1464.4	3.25	0	74.31	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.81	13.81
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1473.22	3.25	0	74.37	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.73	13.73
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1523.91	3.25	0	74.66	0	-0.02	0	0	12.38	0	0	0	0	0	0	13.29	13.29
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1533.95	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.21	13.21
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1556.76	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1557.19	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1567.8	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.92	12.92
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1582.24	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1590.4	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.74	12.74
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1600.55	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1610.54	3.25	0	75.14	0	0.01	0	0	12.59	0	0	0	0	0	0	12.57	12.57
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1646.49	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.28	12.28
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1695.98	3.25	0	75.59	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1696.73	3.25	0	75.59	0	0.04	0	0	12.79	0	0	0	0	0	0	11.89	11.89
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1706.62	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.81	11.81
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1714.67	3.25	0	75.68	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1768.5	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.34	11.34
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1807.51	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1859.22	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.68	10.68
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2035.13	3.25	0	77.17	0	0.14	0	0	13.54	0	0	0	0	0	0	9.47	9.47
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1800.12	3.5	0	76.11	0	3.18	0	0	1.6	0	0	0	0	0	0	15.75	15.75
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1245.64	3.25	0	72.91	0	0.34	0	0	3.01	0	0	0	0	0	0	14.82	14.82
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1302.44	3.25	0	73.3	0	0.36	0	0	3.11	0	0	0	0	0	0	14.31	14.31
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1308.55	3.25	0	73.34	0	0.36	0	0	3.13	0	0	0	0	0	0	14.26	14.26
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1324.68	3.25	0	73.44	0	0.36	0	0	3.16	0	0	0	0	0	0	14.11	14.11
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1376.15	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.67	13.67
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1389.26	3.25	0	73.86	0	0.38	0	0	3.28	0	0	0	0	0	0	13.56	13.56
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1408.84	3.25	0	73.98	0	0.39	0	0	3.32	0	0	0	0	0	0	13.4	13.4
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1425.49	3.25	0	74.08	0	0.39	0	0	3.35	0	0	0	0	0	0	13.26	13.26
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1432.38	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1449.82	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1459.3	3.25	0	74.28	0	0.4	0	0	3.41	0	0	0	0	0	0	12.99	12.99
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1470.25	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	12.9	12.9
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1521.4	3.25	0	74.64	0	0.42	0	0	3.52	0	0	0	0	0	0	12.49	12.49
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1530.55	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1552.47	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.25	12.25
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1559.81	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.2	12.2
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1566.47	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.15	12.15
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1583.89	3.25	0	74.99	0	0.43	0	0	3.64	0	0	0	0	0	0	12.01	12.01
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1585.51	3.25	0	75	0	0.43	0	0	3.64	0	0	0	0	0	0	12	12

	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1601.31	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1615.81	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	11.77	11.77
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1642.1	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	11.58	11.58
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1690.76	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.23	11.23
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1691.26	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.22	11.22
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1702.06	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	11.14	11.14
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1708.94	3.25	0	75.65	0	0.47	0	0	3.86	0	0	0	0	0	0	11.1	11.1
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1762.6	3.25	0	75.92	0	0.48	0	0	3.96	0	0	0	0	0	0	10.72	10.72
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1802.54	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1853.44	3.25	0	76.36	0	0.5	0	0	4.11	0	0	0	0	0	0	10.1	10.1
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2030.28	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1809.39	3.77	0	76.15	0	-0.57	0	0	4.04	0	0	0	0	0	0	7.35	7.35
imit. Value D/N:	0	0																								
Level D/N:	34.3869	34.3869																								

Receiver: Existing Noise Receptor
ID: R29
X: 341427
Y: 4681741
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1801.69	4.15	0	76.11	0	-0.77	0	0	4.02	0	0	0	0	0	0	31.8	31.8
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1235.45	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.99	15.99
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1254.54	3.25	0	72.97	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.79	15.79
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1264.71	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.69	15.69
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1289.55	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.44	15.44
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1364.47	3.25	0	73.7	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.72	14.72
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1373.49	3.25	0	73.76	0	-0.08	0	0	12	0	0	0	0	0	0	14.64	14.64
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1376.27	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.61	14.61
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1398.48	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1402.96	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.36	14.36
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1418.39	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1437.61	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.05	14.05
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1445.94	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1500.55	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.49	13.49
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1503.08	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.47	13.47
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1508.54	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.43	13.43
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1532.96	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.22	13.22
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1535.54	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1562.23	3.25	0	74.87	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1565.1	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1572.78	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1604.04	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1609.4	3.25	0	75.13	0	0.01	0	0	12.59	0	0	0	0	0	0	12.58	12.58
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1636.94	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1654.76	3.25	0	75.37	0	0.02	0	0	12.7	0	0	0	0	0	0	12.22	12.22
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1655.46	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	12.21	12.21
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1659.59	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1710.53	3.25	0	75.66	0	0.04	0	0	12.83	0	0	0	0	0	0	11.78	11.78
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1763.02	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1803.33	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1978.59	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.85	9.85
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1803.47	3.5	0	76.12	0	3.18	0	0	1.6	0	0	0	0	0	0	15.73	15.73
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1237.07	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	14.9	14.9
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1258.94	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	14.7	14.7
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1270.35	3.25	0	73.08	0	0.35	0	0	3.05	0	0	0	0	0	0	14.6	14.6
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1287.27	3.25	0	73.19	0	0.35	0	0	3.09	0	0	0	0	0	0	14.44	14.44
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1366.91	3.25	0	73.71	0	0.37	0	0	3.24	0	0	0	0	0	0	13.75	13.75
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1368.65	3.25	0	73.73	0	0.37	0	0	3.24	0	0	0	0	0	0	13.74	13.74
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1375.52	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.68	13.68
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1398.43	3.25	0	73.91	0	0.38	0	0	3.3	0	0	0	0	0	0	13.49	13.49
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1399.89	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.47	13.47
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1413.38	3.25	0	74.01	0	0.39	0	0	3.32	0	0	0	0	0	0	13.36	13.36
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1437.91	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1443.12	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	13.12	13.12
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1497.27	3.25	0	74.51	0	0.41	0	0	3.48	0	0	0	0	0	0	12.68	12.68
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1498.39	3.25	0	74.51	0	0.41	0	0	3.48	0	0	0	0	0	0	12.67	12.67
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1506.25	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1528.08	3.25	0	74.68	0	0.42	0	0	3.54	0	0	0	0	0	0	12.44	12.44

Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1538.4	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	12.36	12.36
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1564	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	12.16	12.16
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1567.43	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.14	12.14
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1574.24	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.09	12.09
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1604.57	3.25	0	75.11	0	0.44	0	0	3.67	0	0	0	0	0	0	11.86	11.86
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1605.14	3.25	0	75.11	0	0.44	0	0	3.68	0	0	0	0	0	0	11.85	11.85
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1630.97	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	11.66	11.66
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1650.14	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.52	11.52
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1650.95	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1653.89	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1704.65	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.13	11.13
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1758.13	3.25	0	75.9	0	0.48	0	0	3.95	0	0	0	0	0	0	10.75	10.75
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1797.57	3.25	0	76.09	0	0.49	0	0	4.02	0	0	0	0	0	0	10.48	10.48
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1973.76	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.31	9.31
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1812.16	3.77	0	76.16	0	-0.56	0	0	4.04	0	0	0	0	0	0	7.33	7.33
imit. Value D/N:	0	0																							
Level D/N:	34.4956	34.4956																							

Receiver: Existing Noise Receptor
ID: R30
X: 340930
Y: 4681537
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2017.58	4.15	0	77.1	0	-0.73	0	0	4.4	0	0	0	0	0	0	30.41	30.41
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	939.2	3.25	0	70.46	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.43	19.43
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	995.19	3.25	0	70.96	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.71	18.71
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1003.23	3.25	0	71.03	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.61	18.61
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1111.7	3.25	0	71.92	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.32	17.32
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1136.16	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.05	17.05
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1164.77	3.25	0	72.32	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.73	16.73
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1189.39	3.25	0	72.51	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.47	16.47
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1200.92	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1298.11	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.36	15.36
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1298.56	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.35	15.35
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1304.98	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.29	15.29
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1353.97	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.82	14.82
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1396.01	3.25	0	73.9	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.43	14.43
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1403.73	3.25	0	73.95	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.36	14.36
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1405.96	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.34	14.34
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1422.34	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1424.31	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1433.18	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1480.32	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.67	13.67
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1484.42	3.25	0	74.43	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.63	13.63
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1543.91	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.12	13.12
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1550.7	3.25	0	74.81	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.07	13.07
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1573.06	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1584.49	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.79	12.79
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1589.94	3.25	0	75.03	0	0	0	0	12.54	0	0	0	0	0	0	12.74	12.74
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1599.11	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.67	12.67
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1695.18	3.25	0	75.58	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1708.4	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.8	11.8
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1754.26	3.25	0	75.88	0	0.05	0	0	12.93	0	0	0	0	0	0	11.45	11.45
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1837.22	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.84	10.84
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	943.63	3.25	0	70.5	0	0.26	0	0	2.4	0	0	0	0	0	0	17.91	17.91
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	991.01	3.25	0	70.92	0	0.28	0	0	2.5	0	0	0	0	0	0	17.38	17.38
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1006.27	3.25	0	71.05	0	0.28	0	0	2.53	0	0	0	0	0	0	17.21	17.21
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2027.53	3.5	0	77.14	0	3.23	0	0	1.74	0	0	0	0	0	0	14.53	14.53
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1108.23	3.25	0	71.89	0	0.31	0	0	2.74	0	0	0	0	0	0	16.14	16.14
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1131.77	3.25	0	72.08	0	0.31	0	0	2.78	0	0	0	0	0	0	15.9	15.9
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1160.85	3.25	0	72.3	0	0.32	0	0	2.84	0	0	0	0	0	0	15.62	15.62
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1183.68	3.25	0	72.46	0	0.33	0	0	2.89	0	0	0	0	0	0	15.4	15.4
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1197.49	3.25	0	72.57	0	0.33	0	0	2.91	0	0	0	0	0	0	15.27	15.27
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1292.66	3.25	0	73.23	0	0.35	0	0	3.1	0	0	0	0	0	0	14.4	14.4
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1293.57	3.25	0	73.24	0	0.36	0	0	3.1	0	0	0	0	0	0	14.39	14.39
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1308.92	3.25	0	73.34	0	0.36	0	0	3.13	0	0	0	0	0	0	14.25	14.25
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1350.29	3.25	0	73.61	0	0.37	0	0	3.21	0	0	0	0	0	0	13.89	13.89
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1396.05	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51

Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1403.04	3.25	0	73.94	0	0.38	0	0	3.3	0	0	0	0	0	0	13.45	13.45
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1406.56	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	13.42	13.42
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1419.12	3.25	0	74.04	0	0.39	0	0	3.33	0	0	0	0	0	0	13.31	13.31
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1420.63	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.3	13.3
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1432.08	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	13.21	13.21
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1477.18	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.84	12.84
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1481.82	3.25	0	74.42	0	0.4	0	0	3.45	0	0	0	0	0	0	12.81	12.81
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1540.26	3.25	0	74.75	0	0.42	0	0	3.56	0	0	0	0	0	0	12.35	12.35
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1550.36	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.27	12.27
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1573.95	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.09	12.09
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1580.02	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	12.04	12.04
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1590.84	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	11.96	11.96
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1598.81	3.25	0	75.08	0	0.44	0	0	3.66	0	0	0	0	0	0	11.9	11.9
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1693.68	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	11.2	11.2
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1708.3	3.25	0	75.65	0	0.47	0	0	3.86	0	0	0	0	0	0	11.1	11.1
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1754.98	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	10.77	10.77
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1836.06	3.25	0	76.28	0	0.5	0	0	4.08	0	0	0	0	0	0	10.21	10.21
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2031.57	3.77	0	77.16	0	-0.52	0	0	4.42	0	0	0	0	0	0	5.92	5.92

imit. Value D/N: 0 0

Level D/N: 34.6133 34.6133

Receiver: Existing Noise Receptor

ID: R31

X: 340908

Y: 4681263

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2291.87	4.15	0	78.2	0	-0.68	0	0	4.85	0	0	0	0	0	0	28.8	28.8
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1129.24	3.25	0	72.06	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.12	17.12
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1151.89	3.25	0	72.23	0	-0.18	0	0	11.39	0	0	0	0	0	0	16.87	16.87
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1221.71	3.25	0	72.74	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.13	16.13
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1272.82	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1280.79	3.25	0	73.15	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.53	15.53
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1309.46	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1337.04	3.25	0	73.52	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.98	14.98
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1416.05	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.24	14.24
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1423.84	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1452.38	3.25	0	74.24	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.92	13.92
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1510.18	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1538.28	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1562.27	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1670.22	3.25	0	75.46	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1676.09	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1676.28	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1678.45	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1697.37	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1707.23	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.81	11.81
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1709.73	3.25	0	75.66	0	0.04	0	0	12.82	0	0	0	0	0	0	11.79	11.79
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1727.06	3.25	0	75.75	0	0.05	0	0	12.86	0	0	0	0	0	0	11.66	11.66
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1757.43	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.43	11.43
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1825.57	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.92	10.92
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1841.9	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1863.63	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.65	10.65
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1871.96	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.59	10.59
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1966.42	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1982.88	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.82	9.82
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2028.97	3.25	0	77.15	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2110.49	3.25	0	77.49	0	0.16	0	0	13.69	0	0	0	0	0	0	8.97	8.97
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1132.81	3.25	0	72.08	0	0.31	0	0	2.79	0	0	0	0	0	0	15.89	15.89
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1148.37	3.25	0	72.2	0	0.32	0	0	2.82	0	0	0	0	0	0	15.74	15.74
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2301.54	3.5	0	78.24	0	3.28	0	0	1.9	0	0	0	0	0	0	13.21	13.21
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1224.12	3.25	0	72.76	0	0.34	0	0	2.96	0	0	0	0	0	0	15.02	15.02
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1268.99	3.25	0	73.07	0	0.35	0	0	3.05	0	0	0	0	0	0	14.61	14.61
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1275.6	3.25	0	73.11	0	0.35	0	0	3.06	0	0	0	0	0	0	14.55	14.55
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1306.6	3.25	0	73.32	0	0.36	0	0	3.12	0	0	0	0	0	0	14.27	14.27
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1333.71	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	14.04	14.04
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1411.15	3.25	0	73.99	0	0.39	0	0	3.32	0	0	0	0	0	0	13.38	13.38
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1421.04	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.3	13.3
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1448.01	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	13.08	13.08

Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1513.5	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	12.56	12.56
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1535.11	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	12.39	12.39
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1557.63	3.25	0	74.85	0	0.42	0	0	3.59	0	0	0	0	0	0	12.21	12.21
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1670.33	3.25	0	75.46	0	0.45	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1674.7	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1676.72	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	11.33	11.33
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1677.79	3.25	0	75.49	0	0.46	0	0	3.81	0	0	0	0	0	0	11.32	11.32
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1696.5	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	11.18	11.18
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1703.15	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.14	11.14
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1707.09	3.25	0	75.65	0	0.46	0	0	3.86	0	0	0	0	0	0	11.11	11.11
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1724.9	3.25	0	75.74	0	0.47	0	0	3.89	0	0	0	0	0	0	10.98	10.98
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1754.3	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1825.22	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.29	10.29
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1842.59	3.25	0	76.31	0	0.5	0	0	4.1	0	0	0	0	0	0	10.17	10.17
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1864.46	3.25	0	76.41	0	0.51	0	0	4.13	0	0	0	0	0	0	10.02	10.02
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1871.78	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	9.98	9.98
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1965.05	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	9.37	9.37
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1982.74	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.26	9.26
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2029.65	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2109.42	3.25	0	77.48	0	0.57	0	0	4.55	0	0	0	0	0	0	8.47	8.47
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2305.76	3.77	0	78.26	0	-0.46	0	0	4.88	0	0	0	0	0	0	4.31	4.31
imit. Value D/N:	0	0																							
Level D/N:	32.8931	32.8931																							

Receiver: Existing Noise Receptor
ID: R32
X: 340801
Y: 4681278
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2294.65	4.15	0	78.21	0	-0.68	0	0	4.86	0	0	0	0	0	0	28.79	28.79
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1056.51	3.25	0	71.48	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.96	17.96
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1067.82	3.25	0	71.57	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.83	17.83
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1160.47	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.78	16.78
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1181.27	3.25	0	72.45	0	-0.16	0	0	11.47	0	0	0	0	0	0	16.56	16.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1182.53	3.25	0	72.46	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.54	16.54
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1238.26	3.25	0	72.86	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.96	15.96
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1256.42	3.25	0	72.98	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.77	15.77
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1320.84	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.14	15.14
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1363.42	3.25	0	73.69	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.73	14.73
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1365.58	3.25	0	73.71	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.71	14.71
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1440.86	3.25	0	74.17	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.02	14.02
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1460.63	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1470.92	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.75	13.75
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1612.01	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1634.9	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1651.45	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1655.44	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	12.21	12.21
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1660.42	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1666.98	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1677.01	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.04	12.04
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1678.94	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1690.75	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1817.87	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.98	10.98
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1821.36	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.95	10.95
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1856.6	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1869.64	3.25	0	76.44	0	0.09	0	0	13.18	0	0	0	0	0	0	10.6	10.6
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1973.99	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.88	9.88
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1979.29	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.84	9.84
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2029.02	3.25	0	77.15	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2117.76	3.25	0	77.52	0	0.16	0	0	13.71	0	0	0	0	0	0	8.93	8.93
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1059.72	3.25	0	71.5	0	0.29	0	0	2.64	0	0	0	0	0	0	16.64	16.64
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1064.52	3.25	0	71.54	0	0.3	0	0	2.65	0	0	0	0	0	0	16.59	16.59
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1162.55	3.25	0	72.31	0	0.32	0	0	2.84	0	0	0	0	0	0	15.6	15.6
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1176.18	3.25	0	72.41	0	0.32	0	0	2.87	0	0	0	0	0	0	15.47	15.47
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1178.86	3.25	0	72.43	0	0.33	0	0	2.88	0	0	0	0	0	0	15.45	15.45
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2305.76	3.5	0	78.26	0	3.28	0	0	1.9	0	0	0	0	0	0	13.19	13.19
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1235.66	3.25	0	72.84	0	0.34	0	0	2.99	0	0	0	0	0	0	14.91	14.91
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1253.3	3.25	0	72.96	0	0.34	0	0	3.02	0	0	0	0	0	0	14.75	14.75

	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1316.07	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1360.97	3.25	0	73.68	0	0.37	0	0	3.23	0	0	0	0	0	0	13.8	13.8
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1361.41	3.25	0	73.68	0	0.37	0	0	3.23	0	0	0	0	0	0	13.8	13.8
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1443.89	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	13.11	13.11
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1457.66	3.25	0	74.27	0	0.4	0	0	3.41	0	0	0	0	0	0	13	13
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1466.42	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1608.03	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.83	11.83
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1633.81	3.25	0	75.26	0	0.45	0	0	3.73	0	0	0	0	0	0	11.64	11.64
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1649.1	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1655.56	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	11.48	11.48
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1660.91	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	11.44	11.44
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1666.41	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.4	11.4
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1675.16	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1677.9	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.32	11.32
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1687.88	3.25	0	75.55	0	0.46	0	0	3.82	0	0	0	0	0	0	11.25	11.25
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1818.21	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	10.34	10.34
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1820.72	3.25	0	76.2	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1856.76	3.25	0	76.38	0	0.5	0	0	4.12	0	0	0	0	0	0	10.08	10.08
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1870.76	3.25	0	76.44	0	0.51	0	0	4.14	0	0	0	0	0	0	9.98	9.98
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1973.58	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.31	9.31
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1977.6	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.29	9.29
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2030.02	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2116.39	3.25	0	77.51	0	0.57	0	0	4.56	0	0	0	0	0	0	8.43	8.43
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2309.09	3.77	0	78.27	0	-0.46	0	0	4.88	0	0	0	0	0	0	4.29	4.29
imit. Value D/N:	0	0																								
Level D/N:	33.2423	33.2423																								

Receiver: Existing Noise Receptor
ID: R33
X: 340975
Y: 4681086
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2459.36	4.15	0	78.82	0	-0.65	0	0	5.12	0	0	0	0	0	0	27.89	27.89
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1312.47	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1326.91	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.08	15.08
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1409.4	3.25	0	73.98	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1432.2	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1440.8	3.25	0	74.17	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.02	14.02
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1493.58	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1515.13	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1576.29	3.25	0	74.95	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.85	12.85
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1611.81	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1624.57	3.25	0	75.21	0	0.01	0	0	12.63	0	0	0	0	0	0	12.46	12.46
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1695.26	3.25	0	75.58	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1718.67	3.25	0	75.7	0	0.04	0	0	12.85	0	0	0	0	0	0	11.72	11.72
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1728.64	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.64	11.64
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1847.43	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.76	10.76
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1848.9	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1859.13	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.68	10.68
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1864.8	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1867.22	3.25	0	76.42	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1883.7	3.25	0	76.5	0	0.1	0	0	13.21	0	0	0	0	0	0	10.5	10.5
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1898.21	3.25	0	76.57	0	0.1	0	0	13.24	0	0	0	0	0	0	10.4	10.4
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1916.31	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.27	10.27
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1943.66	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.08	10.08
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1998.96	3.25	0	77.02	0	0.13	0	0	13.46	0	0	0	0	0	0	9.71	9.71
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2025.89	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.53	9.53
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2029.36	3.25	0	77.15	0	0.14	0	0	13.52	0	0	0	0	0	0	9.5	9.5
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2051.94	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.35	9.35
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2125.97	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2159.02	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.66	8.66
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2198.98	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.41	8.41
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2274.64	3.25	0	78.14	0	0.2	0	0	14.02	0	0	0	0	0	0	7.95	7.95
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2467.86	3.5	0	78.85	0	3.32	0	0	2	0	0	0	0	0	0	12.47	12.47
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1315.85	3.25	0	73.38	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1323.6	3.25	0	73.44	0	0.36	0	0	3.15	0	0	0	0	0	0	14.12	14.12
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1411.73	3.25	0	74	0	0.39	0	0	3.32	0	0	0	0	0	0	13.37	13.37
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1427.27	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	13.25	13.25

	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1437.18	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.17	13.17
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1490.84	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	12.73	12.73
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1511.97	3.25	0	74.59	0	0.41	0	0	3.51	0	0	0	0	0	0	12.57	12.57
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1571.63	3.25	0	74.93	0	0.43	0	0	3.61	0	0	0	0	0	0	12.11	12.11
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1609.09	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.82	11.82
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1620.42	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	11.74	11.74
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1698.46	3.25	0	75.6	0	0.46	0	0	3.84	0	0	0	0	0	0	11.17	11.17
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1715.64	3.25	0	75.69	0	0.47	0	0	3.87	0	0	0	0	0	0	11.05	11.05
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1724.21	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	10.99	10.99
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1847.31	3.25	0	76.33	0	0.5	0	0	4.1	0	0	0	0	0	0	10.14	10.14
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1848.52	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	10.13	10.13
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1859.71	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.06	10.06
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1863.31	3.25	0	76.41	0	0.51	0	0	4.13	0	0	0	0	0	0	10.03	10.03
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1863.37	3.25	0	76.41	0	0.51	0	0	4.13	0	0	0	0	0	0	10.03	10.03
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1882.74	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.9	9.9
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1895.62	3.25	0	76.56	0	0.52	0	0	4.19	0	0	0	0	0	0	9.82	9.82
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1914.15	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.7	9.7
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1940.63	3.25	0	76.76	0	0.53	0	0	4.27	0	0	0	0	0	0	9.52	9.52
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1998.81	3.25	0	77.02	0	0.54	0	0	4.36	0	0	0	0	0	0	9.15	9.15
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2026.72	3.25	0	77.14	0	0.55	0	0	4.41	0	0	0	0	0	0	8.98	8.98
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2029.96	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2051.57	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.82	8.82
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2124.89	3.25	0	77.55	0	0.58	0	0	4.58	0	0	0	0	0	0	8.38	8.38
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2159.04	3.25	0	77.69	0	0.59	0	0	4.63	0	0	0	0	0	0	8.17	8.17
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2199.43	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2273.82	3.25	0	78.14	0	0.62	0	0	4.82	0	0	0	0	0	0	7.5	7.5
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2472.79	3.77	0	78.86	0	-0.42	0	0	5.14	0	0	0	0	0	0	3.39	3.39
imit. Value D/N:	0	0																								
Level D/N:	31.6748	31.6748																								

Receiver: Existing Noise Receptor
ID: R34
X: 340675
Y: 4680852
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2737.07	4.15	0	79.75	0	-0.59	0	0	5.56	0	0	0	0	0	0	26.47	26.47
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1357.66	3.25	0	73.66	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.78	14.78
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1368.08	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.69	14.69
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1390.46	3.25	0	73.86	0	-0.08	0	0	12.05	0	0	0	0	0	0	14.48	14.48
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1435.28	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1524.44	3.25	0	74.66	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.29	13.29
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1535.81	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1553.68	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1571.2	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1630.17	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.41	12.41
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1706.13	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.82	11.82
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1724.97	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.67	11.67
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1764.1	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1774.85	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.29	11.29
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1816.59	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.99	10.99
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2013.83	3.25	0	77.08	0	0.13	0	0	13.49	0	0	0	0	0	0	9.61	9.61
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2028.52	3.25	0	77.14	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2034.39	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2058.67	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.31	9.31
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2082.86	3.25	0	77.37	0	0.15	0	0	13.63	0	0	0	0	0	0	9.15	9.15
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2083.02	3.25	0	77.37	0	0.15	0	0	13.63	0	0	0	0	0	0	9.15	9.15
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2097.18	3.25	0	77.43	0	0.16	0	0	13.66	0	0	0	0	0	0	9.06	9.06
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2121	3.25	0	77.53	0	0.16	0	0	13.71	0	0	0	0	0	0	8.91	8.91
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2241.13	3.25	0	78.01	0	0.19	0	0	13.96	0	0	0	0	0	0	8.15	8.15
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2261.17	3.25	0	78.09	0	0.2	0	0	14	0	0	0	0	0	0	8.03	8.03
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2288.55	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2313.16	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2410.75	3.25	0	78.64	0	0.24	0	0	14.29	0	0	0	0	0	0	7.15	7.15
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2423.53	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2470.58	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2561.43	3.25	0	79.17	0	0.27	0	0	14.57	0	0	0	0	0	0	6.3	6.3
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1355.53	3.25	0	73.64	0	0.37	0	0	3.21	0	0	0	0	0	0	13.85	13.85
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1364.24	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	13.77	13.77

Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1392.36	3.25	0	73.88	0	0.38	0	0	3.28	0	0	0	0	0	0	13.54	13.54
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1432.7	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2748.63	3.5	0	79.78	0	3.37	0	0	2.16	0	0	0	0	0	0	11.32	11.32
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1525.6	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	12.46	12.46
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1532.2	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1551.57	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1569.55	3.25	0	74.92	0	0.43	0	0	3.61	0	0	0	0	0	0	12.12	12.12
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1627.15	3.25	0	75.23	0	0.44	0	0	3.72	0	0	0	0	0	0	11.69	11.69
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1702.7	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	11.14	11.14
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1723.48	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	10.99	10.99
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1762	3.25	0	75.92	0	0.48	0	0	3.96	0	0	0	0	0	0	10.72	10.72
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1776.89	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.62	10.62
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1813.4	3.25	0	76.17	0	0.49	0	0	4.05	0	0	0	0	0	0	10.37	10.37
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2012.28	3.25	0	77.07	0	0.55	0	0	4.39	0	0	0	0	0	0	9.07	9.07
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2026.5	3.25	0	77.13	0	0.55	0	0	4.41	0	0	0	0	0	0	8.98	8.98
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2033.82	3.25	0	77.17	0	0.55	0	0	4.42	0	0	0	0	0	0	8.93	8.93
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2057.53	3.25	0	77.27	0	0.56	0	0	4.46	0	0	0	0	0	0	8.79	8.79
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2082.66	3.25	0	77.37	0	0.57	0	0	4.51	0	0	0	0	0	0	8.63	8.63
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2082.87	3.25	0	77.37	0	0.57	0	0	4.51	0	0	0	0	0	0	8.63	8.63
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2097.93	3.25	0	77.44	0	0.57	0	0	4.53	0	0	0	0	0	0	8.54	8.54
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2119.82	3.25	0	77.53	0	0.58	0	0	4.57	0	0	0	0	0	0	8.41	8.41
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2241.07	3.25	0	78.01	0	0.61	0	0	4.77	0	0	0	0	0	0	7.69	7.69
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2260.37	3.25	0	78.08	0	0.61	0	0	4.8	0	0	0	0	0	0	7.58	7.58
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2289.01	3.25	0	78.19	0	0.62	0	0	4.85	0	0	0	0	0	0	7.41	7.41
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2314.33	3.25	0	78.29	0	0.63	0	0	4.89	0	0	0	0	0	0	7.27	7.27
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2410.15	3.25	0	78.64	0	0.65	0	0	5.04	0	0	0	0	0	0	6.74	6.74
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2421.84	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.67	6.67
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2471.71	3.25	0	78.86	0	0.67	0	0	5.14	0	0	0	0	0	0	6.4	6.4
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2560	3.25	0	79.16	0	0.69	0	0	5.28	0	0	0	0	0	0	5.94	5.94
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2751.68	3.77	0	79.79	0	-0.36	0	0	5.58	0	0	0	0	0	0	1.96	1.96
imit. Value D/N:	0	0																							
Level D/N:	30.7433	30.7433																							

Receiver: Existing Noise Receptor
ID: R35
X: 340633
Y: 4680803
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2793.75	4.15	0	79.92	0	-0.58	0	0	5.65	0	0	0	0	0	0	26.19	26.19
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1380.23	3.25	0	73.8	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.57	14.57
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1385.32	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.53	14.53
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1424.85	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.16	14.16
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1456.76	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.88	13.88
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1550.91	3.25	0	74.81	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.07	13.07
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1563.25	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.96	12.96
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1581.34	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.81	12.81
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1604.54	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1652.31	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1723.34	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1762.69	3.25	0	75.92	0	0.06	0	0	12.95	0	0	0	0	0	0	11.39	11.39
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1791.82	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.17	11.17
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1807.61	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1828.59	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	10.9	10.9
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2050.96	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.36	9.36
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2061.19	3.25	0	77.28	0	0.15	0	0	13.59	0	0	0	0	0	0	9.29	9.29
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2078.79	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.18	9.18
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2099.38	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.04	9.04
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2131.13	3.25	0	77.57	0	0.17	0	0	13.73	0	0	0	0	0	0	8.84	8.84
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2133.96	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.82	8.82
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2151.3	3.25	0	77.65	0	0.17	0	0	13.77	0	0	0	0	0	0	8.71	8.71
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2177.58	3.25	0	77.76	0	0.18	0	0	13.83	0	0	0	0	0	0	8.55	8.55
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2290.95	3.25	0	78.2	0	0.21	0	0	14.05	0	0	0	0	0	0	7.85	7.85
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2316.5	3.25	0	78.3	0	0.21	0	0	14.1	0	0	0	0	0	0	7.7	7.7
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2340.9	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2370.8	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.38	7.38
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2464.74	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.84	6.84
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2482.53	3.25	0	78.9	0	0.25	0	0	14.42	0	0	0	0	0	0	6.74	6.74
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2526.78	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.49	6.49

Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2619.22	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.98	5.98
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1376.61	3.25	0	73.78	0	0.38	0	0	3.25	0	0	0	0	0	0	13.67	13.67
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1383.39	3.25	0	73.82	0	0.38	0	0	3.27	0	0	0	0	0	0	13.61	13.61
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1426.52	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	13.25	13.25
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1454.36	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	13.03	13.03
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2805.65	3.5	0	79.96	0	3.38	0	0	2.19	0	0	0	0	0	0	11.1	11.1
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1547.5	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.29	12.29
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1564.25	3.25	0	74.89	0	0.43	0	0	3.6	0	0	0	0	0	0	12.16	12.16
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1579.39	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	12.05	12.05
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1603.06	3.25	0	75.1	0	0.44	0	0	3.67	0	0	0	0	0	0	11.87	11.87
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1649.47	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.53	11.53
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1720.09	3.25	0	75.71	0	0.47	0	0	3.88	0	0	0	0	0	0	11.02	11.02
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1761.37	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	10.73	10.73
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1789.87	3.25	0	76.06	0	0.49	0	0	4	0	0	0	0	0	0	10.53	10.53
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1809.47	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1825.54	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.29	10.29
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2049.57	3.25	0	77.23	0	0.56	0	0	4.45	0	0	0	0	0	0	8.84	8.84
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2059.32	3.25	0	77.27	0	0.56	0	0	4.47	0	0	0	0	0	0	8.78	8.78
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2078.34	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.66	8.66
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2098.39	3.25	0	77.44	0	0.57	0	0	4.53	0	0	0	0	0	0	8.54	8.54
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2131.08	3.25	0	77.57	0	0.58	0	0	4.59	0	0	0	0	0	0	8.34	8.34
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2133.67	3.25	0	77.58	0	0.58	0	0	4.59	0	0	0	0	0	0	8.32	8.32
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2152.15	3.25	0	77.66	0	0.58	0	0	4.62	0	0	0	0	0	0	8.21	8.21
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2176.31	3.25	0	77.75	0	0.59	0	0	4.66	0	0	0	0	0	0	8.07	8.07
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2290.79	3.25	0	78.2	0	0.62	0	0	4.85	0	0	0	0	0	0	7.4	7.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2315.64	3.25	0	78.29	0	0.63	0	0	4.89	0	0	0	0	0	0	7.26	7.26
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2341.45	3.25	0	78.39	0	0.63	0	0	4.93	0	0	0	0	0	0	7.12	7.12
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2372.04	3.25	0	78.5	0	0.64	0	0	4.98	0	0	0	0	0	0	6.95	6.95
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2464.06	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.45	6.45
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2480.78	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2527.98	3.25	0	79.06	0	0.68	0	0	5.23	0	0	0	0	0	0	6.11	6.11
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2617.73	3.25	0	79.36	0	0.71	0	0	5.37	0	0	0	0	0	0	5.64	5.64
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2808.49	3.77	0	79.97	0	-0.35	0	0	5.67	0	0	0	0	0	0	1.69	1.69
imit. Value D/N:	0	0																							
Level D/N:	30.4942	30.4942																							

Receiver: Existing Noise Receptor
ID: R36
X: 340546
Y: 4680801
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2815.6	4.15	0	79.99	0	-0.58	0	0	5.68	0	0	0	0	0	0	26.08	26.08
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1331.06	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.04	15.04
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1355.86	3.25	0	73.64	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.8	14.8
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1405.17	3.25	0	73.95	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.34	14.34
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1418.75	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1504.78	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.46	13.46
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1550.27	3.25	0	74.81	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.07	13.07
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1551.34	3.25	0	74.81	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.06	13.06
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1582.8	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1614.7	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1679.41	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.02	12.02
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1747.47	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	11.5	11.5
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1761.48	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1778.36	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.27	11.27
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1784.55	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.22	11.22
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2034.32	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2037.61	3.25	0	77.18	0	0.14	0	0	13.54	0	0	0	0	0	0	9.45	9.45
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2074.61	3.25	0	77.34	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2088.63	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2133.96	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.82	8.82
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2143.02	3.25	0	77.62	0	0.17	0	0	13.76	0	0	0	0	0	0	8.76	8.76
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2167.2	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2199.62	3.25	0	77.85	0	0.18	0	0	13.87	0	0	0	0	0	0	8.41	8.41
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2297.1	3.25	0	78.22	0	0.21	0	0	14.07	0	0	0	0	0	0	7.81	7.81
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2335.2	3.25	0	78.37	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2352.47	3.25	0	78.43	0	0.22	0	0	14.17	0	0	0	0	0	0	7.48	7.48
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2395.6	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.23	7.23

	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2480	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.75	6.75
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2511.24	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.58	6.58
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2547.5	3.25	0	79.12	0	0.27	0	0	14.55	0	0	0	0	0	0	6.37	6.37
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2644.24	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1327.69	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	14.09	14.09
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1354.21	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	13.86	13.86
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1406.5	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	13.42	13.42
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1416.59	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.33	13.33
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2828.39	3.5	0	80.03	0	3.38	0	0	2.2	0	0	0	0	0	0	11.01	11.01
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1501.61	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	12.65	12.65
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1549.64	3.25	0	74.8	0	0.42	0	0	3.57	0	0	0	0	0	0	12.27	12.27
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1551	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1581.58	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1612.13	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	11.8	11.8
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1676.38	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	11.33	11.33
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1746.44	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	10.83	10.83
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1759.74	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1775.47	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1786.15	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2033.17	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.94	8.94
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2035.98	3.25	0	77.18	0	0.55	0	0	4.43	0	0	0	0	0	0	8.92	8.92
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2074.37	3.25	0	77.34	0	0.56	0	0	4.49	0	0	0	0	0	0	8.68	8.68
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2087.88	3.25	0	77.39	0	0.57	0	0	4.52	0	0	0	0	0	0	8.6	8.6
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2134.12	3.25	0	77.58	0	0.58	0	0	4.59	0	0	0	0	0	0	8.32	8.32
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2142.52	3.25	0	77.62	0	0.58	0	0	4.61	0	0	0	0	0	0	8.27	8.27
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2168.28	3.25	0	77.72	0	0.59	0	0	4.65	0	0	0	0	0	0	8.12	8.12
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2198.13	3.25	0	77.84	0	0.6	0	0	4.7	0	0	0	0	0	0	7.94	7.94
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2296.71	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.37	7.37
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2334.16	3.25	0	78.36	0	0.63	0	0	4.92	0	0	0	0	0	0	7.16	7.16
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2353.24	3.25	0	78.43	0	0.64	0	0	4.95	0	0	0	0	0	0	7.05	7.05
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2397	3.25	0	78.59	0	0.65	0	0	5.02	0	0	0	0	0	0	6.81	6.81
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2479.15	3.25	0	78.89	0	0.67	0	0	5.15	0	0	0	0	0	0	6.36	6.36
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2509.31	3.25	0	78.99	0	0.68	0	0	5.2	0	0	0	0	0	0	6.2	6.2
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2548.9	3.25	0	79.13	0	0.69	0	0	5.27	0	0	0	0	0	0	5.99	5.99
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2642.56	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.51	5.51
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2830.66	3.77	0	80.04	0	-0.34	0	0	5.7	0	0	0	0	0	0	1.58	1.58
imit. Value D/N:	0	0																									
Level D/N:	30.5677	30.5677																									

Receiver: Existing Noise Receptor
ID: R37
X: 339609
Y: 4681147
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	778.3	3.25	0	68.82	0	-0.36	0	0	10.09	0	0	0	0	0	0	21.76	21.76
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2884.29	4.15	0	80.2	0	-0.56	0	0	5.78	0	0	0	0	0	0	25.76	25.76
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	941.62	3.25	0	70.48	0	-0.28	0	0	10.71	0	0	0	0	0	0	19.4	19.4
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	987.33	3.25	0	70.89	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.81	18.81
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1052.46	3.25	0	71.44	0	-0.22	0	0	11.08	0	0	0	0	0	0	18.01	18.01
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1106.51	3.25	0	71.88	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.38	17.38
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1107	3.25	0	71.88	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.37	17.37
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1136.84	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1184.14	3.25	0	72.47	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.53	16.53
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1202.61	3.25	0	72.6	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.33	16.33
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1307.88	3.25	0	73.33	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.26	15.26
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1344.38	3.25	0	73.57	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.91	14.91
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1385.54	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1451.5	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1514.13	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1658.13	3.25	0	75.39	0	0.02	0	0	12.71	0	0	0	0	0	0	12.19	12.19
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1737.37	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.58	11.58
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1852.93	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.72	10.72
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1916.5	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.27	10.27
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2048.26	3.25	0	77.23	0	0.14	0	0	13.56	0	0	0	0	0	0	9.38	9.38
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2126.39	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2224.43	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.26	8.26
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2230.48	3.25	0	77.97	0	0.19	0	0	13.93	0	0	0	0	0	0	8.22	8.22
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	779.78	3.25	0	68.84	0	0.22	0	0	2.06	0	0	0	0	0	0	19.95	19.95

Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2321.82	3.25	0	78.32	0	0.21	0	0	14.11	0	0	0	0	0	0	7.67	7.67
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2341.64	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2406.48	3.25	0	78.63	0	0.24	0	0	14.28	0	0	0	0	0	0	7.17	7.17
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2499.15	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2529.94	3.25	0	79.06	0	0.26	0	0	14.51	0	0	0	0	0	0	6.47	6.47
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2623.02	3.25	0	79.38	0	0.28	0	0	14.69	0	0	0	0	0	0	5.96	5.96
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2680.19	3.25	0	79.56	0	0.3	0	0	14.8	0	0	0	0	0	0	5.66	5.66
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	942.54	3.25	0	70.49	0	0.26	0	0	2.4	0	0	0	0	0	0	17.92	17.92
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2761.14	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.23	5.23
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	988.98	3.25	0	70.9	0	0.28	0	0	2.5	0	0	0	0	0	0	17.4	17.4
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1054.78	3.25	0	71.46	0	0.29	0	0	2.63	0	0	0	0	0	0	16.69	16.69
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1106.59	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	16.16	16.16
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1107	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	16.15	16.15
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1138.13	3.25	0	72.12	0	0.31	0	0	2.8	0	0	0	0	0	0	15.84	15.84
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1185.87	3.25	0	72.48	0	0.33	0	0	2.89	0	0	0	0	0	0	15.38	15.38
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1199.48	3.25	0	72.58	0	0.33	0	0	2.92	0	0	0	0	0	0	15.25	15.25
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1309.98	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	14.24	14.24
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1345.59	3.25	0	73.58	0	0.37	0	0	3.2	0	0	0	0	0	0	13.93	13.93
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1382.97	3.25	0	73.82	0	0.38	0	0	3.27	0	0	0	0	0	0	13.62	13.62
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1449.59	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1516.65	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2906.51	3.5	0	80.27	0	3.4	0	0	2.25	0	0	0	0	0	0	10.72	10.72
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1659.52	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1739.25	3.25	0	75.81	0	0.47	0	0	3.91	0	0	0	0	0	0	10.88	10.88
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1855.12	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	10.09	10.09
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1918.68	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	9.67	9.67
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2050.71	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.83	8.83
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2123.68	3.25	0	77.54	0	0.58	0	0	4.57	0	0	0	0	0	0	8.38	8.38
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2227.55	3.25	0	77.96	0	0.6	0	0	4.75	0	0	0	0	0	0	7.77	7.77
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2228.01	3.25	0	77.96	0	0.6	0	0	4.75	0	0	0	0	0	0	7.77	7.77
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2317.99	3.25	0	78.3	0	0.63	0	0	4.9	0	0	0	0	0	0	7.25	7.25
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2344.82	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.1	7.1
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2403.52	3.25	0	78.62	0	0.65	0	0	5.03	0	0	0	0	0	0	6.77	6.77
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2496.44	3.25	0	78.95	0	0.68	0	0	5.18	0	0	0	0	0	0	6.27	6.27
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2533.11	3.25	0	79.07	0	0.69	0	0	5.24	0	0	0	0	0	0	6.08	6.08
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2626.52	3.25	0	79.39	0	0.71	0	0	5.39	0	0	0	0	0	0	5.59	5.59
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2676.27	3.25	0	79.55	0	0.72	0	0	5.46	0	0	0	0	0	0	5.34	5.34
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2757.5	3.25	0	79.81	0	0.74	0	0	5.59	0	0	0	0	0	0	4.93	4.93
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2902.09	3.77	0	80.25	0	-0.32	0	0	5.81	0	0	0	0	0	0	1.24	1.24

imit. Value D/N: 0 0

Level D/N: 32.8835 32.8835

Receiver: Existing Noise Receptor

ID: R38

X: 339757

Y: 4680813

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3092.84	4.15	0	80.81	0	-0.52	0	0	6.1	0	0	0	0	0	0	24.79	24.79
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1089.77	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.57	17.57
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1265.02	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.69	15.69
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1279.03	3.25	0	73.14	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.55	15.55
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1311.57	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.23	15.23
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1438.25	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.04	14.04
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1441.61	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.01	14.01
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1447.99	3.25	0	74.22	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1457.24	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1469.01	3.25	0	74.34	0	-0.05	0	0	12.25	0	0	0	0	0	0	13.77	13.77
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1573.43	3.25	0	74.94	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1623.49	3.25	0	75.21	0	0.01	0	0	12.62	0	0	0	0	0	0	12.47	12.47
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1648.32	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.27	12.27
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1738.15	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1776.76	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1961.77	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2023.14	3.25	0	77.12	0	0.14	0	0	13.51	0	0	0	0	0	0	9.55	9.55
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2126.1	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2170.91	3.25	0	77.73	0	0.18	0	0	13.81	0	0	0	0	0	0	8.59	8.59
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2286.1	3.25	0	78.18	0	0.21	0	0	14.04	0	0	0	0	0	0	7.88	7.88
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2346.58	3.25	0	78.41	0	0.22	0	0	14.16	0	0	0	0	0	0	7.52	7.52

	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2425.3	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.06	7.06
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2466.94	3.25	0	78.84	0	0.25	0	0	14.4	0	0	0	0	0	0	6.82	6.82
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2505.23	3.25	0	78.98	0	0.26	0	0	14.47	0	0	0	0	0	0	6.61	6.61
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2564.63	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2606.88	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.05	6.05
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2713.6	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.48	5.48
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2716.38	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.47	5.47
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2825.87	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.9	4.9
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2855.68	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.75	4.75
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2953.75	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.26	4.26
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1090.02	3.25	0	71.75	0	0.3	0	0	2.7	0	0	0	0	0	0	16.32	16.32
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1265	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	14.64	14.64
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1279.72	3.25	0	73.14	0	0.35	0	0	3.07	0	0	0	0	0	0	14.51	14.51
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1312.87	3.25	0	73.36	0	0.36	0	0	3.13	0	0	0	0	0	0	14.22	14.22
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1438.02	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1439.62	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	13.15	13.15
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1448.39	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	13.07	13.07
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1456.41	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	13.01	13.01
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1469.9	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	12.9	12.9
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1574.71	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1621.76	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.73	11.73
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3112.59	3.5	0	80.86	0	3.43	0	0	2.36	0	0	0	0	0	0	9.97	9.97
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1648.86	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1737.07	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.9	10.9
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1778.41	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	10.61	10.61
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1962.49	3.25	0	76.86	0	0.53	0	0	4.3	0	0	0	0	0	0	9.38	9.38
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2024.32	3.25	0	77.13	0	0.55	0	0	4.41	0	0	0	0	0	0	8.99	8.99
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2127.59	3.25	0	77.56	0	0.58	0	0	4.58	0	0	0	0	0	0	8.36	8.36
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2172.49	3.25	0	77.74	0	0.59	0	0	4.66	0	0	0	0	0	0	8.09	8.09
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2287.97	3.25	0	78.19	0	0.62	0	0	4.85	0	0	0	0	0	0	7.42	7.42
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2344.44	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.1	7.1
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2428.22	3.25	0	78.71	0	0.66	0	0	5.07	0	0	0	0	0	0	6.64	6.64
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2464.65	3.25	0	78.84	0	0.67	0	0	5.13	0	0	0	0	0	0	6.44	6.44
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2502.03	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.24	6.24
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2567.19	3.25	0	79.19	0	0.69	0	0	5.29	0	0	0	0	0	0	5.9	5.9
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2604.43	3.25	0	79.31	0	0.7	0	0	5.35	0	0	0	0	0	0	5.71	5.71
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2714.16	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.15	5.15
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2716.29	3.25	0	79.68	0	0.73	0	0	5.53	0	0	0	0	0	0	5.14	5.14
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2828.81	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.58	4.58
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2852.32	3.25	0	80.1	0	0.77	0	0	5.74	0	0	0	0	0	0	4.47	4.47
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2950.65	3.25	0	80.4	0	0.79	0	0	5.88	0	0	0	0	0	0	4	4
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3110.07	3.77	0	80.86	0	-0.28	0	0	6.12	0	0	0	0	0	0	0.28	0.28
imit. Value D/N:	0	0																									
Level D/N:	30.5635	30.5635																									

Receiver: Existing Noise Receptor
ID: R39
X: 339711
Y: 4680815
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3113.28	4.15	0	80.86	0	-0.52	0	0	6.13	0	0	0	0	0	0	24.7	24.7
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1090.48	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.56	17.56
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1263.6	3.25	0	73.03	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.7	15.7
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1284.16	3.25	0	73.17	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.5	15.5
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1322.29	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.12	15.12
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1435.07	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1448.33	3.25	0	74.22	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.95	13.95
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1449.68	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1455.74	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1475.86	3.25	0	74.38	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.71	13.71
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1583.8	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.79	12.79
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1638.21	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1651.85	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1745.17	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1787.98	3.25	0	76.05	0	0.07	0	0	13	0	0	0	0	0	0	11.2	11.2
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1965.76	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2030.69	3.25	0	77.15	0	0.14	0	0	13.53	0	0	0	0	0	0	9.49	9.49
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2136.01	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.81	8.81

Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2183.97	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2301.82	3.25	0	78.24	0	0.21	0	0	14.08	0	0	0	0	0	0	7.79	7.79
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2364.88	3.25	0	78.48	0	0.23	0	0	14.2	0	0	0	0	0	0	7.41	7.41
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2446.24	3.25	0	78.77	0	0.24	0	0	14.36	0	0	0	0	0	0	6.94	6.94
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2483.03	3.25	0	78.9	0	0.25	0	0	14.43	0	0	0	0	0	0	6.73	6.73
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2528.42	3.25	0	79.06	0	0.26	0	0	14.51	0	0	0	0	0	0	6.48	6.48
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2582.74	3.25	0	79.24	0	0.28	0	0	14.61	0	0	0	0	0	0	6.18	6.18
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2628.05	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.93	5.93
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2735.41	3.25	0	79.74	0	0.31	0	0	14.9	0	0	0	0	0	0	5.37	5.37
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2736.94	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.36	5.36
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2846.89	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.79	4.79
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2880.1	3.25	0	80.19	0	0.34	0	0	15.16	0	0	0	0	0	0	4.63	4.63
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2976.16	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.15	4.15
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1090.97	3.25	0	71.76	0	0.3	0	0	2.7	0	0	0	0	0	0	16.31	16.31
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1263.8	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	14.66	14.66
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1285.03	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.46	14.46
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1323.76	3.25	0	73.44	0	0.36	0	0	3.15	0	0	0	0	0	0	14.12	14.12
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1435.02	3.25	0	74.14	0	0.39	0	0	3.36	0	0	0	0	0	0	13.18	13.18
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1447.66	3.25	0	74.21	0	0.4	0	0	3.39	0	0	0	0	0	0	13.08	13.08
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1450.27	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1453.58	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	13.03	13.03
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1476.9	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.84	12.84
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1585.21	3.25	0	75	0	0.43	0	0	3.64	0	0	0	0	0	0	12	12
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1636.35	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.62	11.62
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1652.53	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.5	11.5
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3133.37	3.5	0	80.92	0	3.44	0	0	2.37	0	0	0	0	0	0	9.9	9.9
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1743.93	3.25	0	75.83	0	0.47	0	0	3.92	0	0	0	0	0	0	10.85	10.85
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1789.78	3.25	0	76.06	0	0.49	0	0	4	0	0	0	0	0	0	10.53	10.53
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1966.62	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	9.36	9.36
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2032	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.95	8.95
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2137.63	3.25	0	77.6	0	0.58	0	0	4.6	0	0	0	0	0	0	8.3	8.3
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2185.65	3.25	0	77.79	0	0.59	0	0	4.68	0	0	0	0	0	0	8.01	8.01
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2303.78	3.25	0	78.25	0	0.62	0	0	4.87	0	0	0	0	0	0	7.33	7.33
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2362.66	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	7	7
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2449.25	3.25	0	78.78	0	0.66	0	0	5.11	0	0	0	0	0	0	6.53	6.53
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2480.65	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2525.14	3.25	0	79.05	0	0.68	0	0	5.23	0	0	0	0	0	0	6.12	6.12
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2585.39	3.25	0	79.25	0	0.7	0	0	5.32	0	0	0	0	0	0	5.8	5.8
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2625.53	3.25	0	79.38	0	0.71	0	0	5.39	0	0	0	0	0	0	5.6	5.6
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2733.11	3.25	0	79.73	0	0.74	0	0	5.55	0	0	0	0	0	0	5.05	5.05
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2739.69	3.25	0	79.75	0	0.74	0	0	5.56	0	0	0	0	0	0	5.02	5.02
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2849.9	3.25	0	80.1	0	0.77	0	0	5.73	0	0	0	0	0	0	4.48	4.48
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2876.67	3.25	0	80.18	0	0.77	0	0	5.77	0	0	0	0	0	0	4.35	4.35
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2972.98	3.25	0	80.46	0	0.8	0	0	5.92	0	0	0	0	0	0	3.9	3.9
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3130.59	3.77	0	80.91	0	-0.27	0	0	6.15	0	0	0	0	0	0	0.18	0.18

imit. Value D/N: 0 0

Level D/N: 30.5056 30.5056

Receiver: Existing Noise Receptor
ID: R40
X: 339574
Y: 4680729
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3256.14	4.15	0	81.25	0	-0.49	0	0	6.33	0	0	0	0	0	0	24.07	24.07
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1194.2	3.25	0	72.54	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.42	16.42
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1360.43	3.25	0	73.67	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.76	14.76
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1397.63	3.25	0	73.91	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.41	14.41
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1448.34	3.25	0	74.22	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.95	13.95
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1522.15	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1525.97	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1553.71	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1588.44	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1592.57	3.25	0	75.04	0	0	0	0	12.55	0	0	0	0	0	0	12.72	12.72
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1708.21	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.8	11.8
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1759.8	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1771.65	3.25	0	75.97	0	0.06	0	0	12.97	0	0	0	0	0	0	11.32	11.32
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1861.41	3.25	0	76.4	0	0.09	0	0	13.16	0	0	0	0	0	0	10.66	10.66
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1913.74	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.29	10.29

Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2073.95	3.25	0	77.34	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2147.53	3.25	0	77.64	0	0.17	0	0	13.77	0	0	0	0	0	0	8.74	8.74
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2258.19	3.25	0	78.08	0	0.2	0	0	13.99	0	0	0	0	0	0	8.05	8.05
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2313.04	3.25	0	78.28	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2436.25	3.25	0	78.73	0	0.24	0	0	14.34	0	0	0	0	0	0	7	7
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2504.27	3.25	0	78.97	0	0.26	0	0	14.47	0	0	0	0	0	0	6.61	6.61
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2590.36	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.14	6.14
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2618.04	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.99	5.99
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2676.24	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.68	5.68
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2721.6	3.25	0	79.7	0	0.31	0	0	14.87	0	0	0	0	0	0	5.44	5.44
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2772.44	3.25	0	79.86	0	0.32	0	0	14.96	0	0	0	0	0	0	5.17	5.17
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2875.88	3.25	0	80.18	0	0.34	0	0	15.15	0	0	0	0	0	0	4.65	4.65
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2884.88	3.25	0	80.2	0	0.34	0	0	15.17	0	0	0	0	0	0	4.6	4.6
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2990.9	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3029.68	3.25	0	80.63	0	0.37	0	0	15.42	0	0	0	0	0	0	3.89	3.89
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3122.48	3.25	0	80.89	0	0.39	0	0	15.59	0	0	0	0	0	0	3.45	3.45
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1195.34	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	15.29	15.29
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1361.22	3.25	0	73.68	0	0.37	0	0	3.23	0	0	0	0	0	0	13.8	13.8
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1398.92	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.48	13.48
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1450.15	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1521.96	3.25	0	74.65	0	0.42	0	0	3.52	0	0	0	0	0	0	12.49	12.49
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1526.46	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	12.45	12.45
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1554.79	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	12.23	12.23
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1585.94	3.25	0	75.01	0	0.43	0	0	3.64	0	0	0	0	0	0	12	12
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1593.96	3.25	0	75.05	0	0.43	0	0	3.66	0	0	0	0	0	0	11.94	11.94
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1709.92	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3276.83	3.5	0	81.31	0	3.46	0	0	2.45	0	0	0	0	0	0	9.41	9.41
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1760.82	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.73	10.73
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1769.55	3.25	0	75.96	0	0.48	0	0	3.97	0	0	0	0	0	0	10.67	10.67
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1859.81	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.06	10.06
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1915.85	3.25	0	76.65	0	0.52	0	0	4.22	0	0	0	0	0	0	9.69	9.69
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2075.16	3.25	0	77.34	0	0.56	0	0	4.49	0	0	0	0	0	0	8.68	8.68
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2149.15	3.25	0	77.65	0	0.58	0	0	4.62	0	0	0	0	0	0	8.23	8.23
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2260.08	3.25	0	78.08	0	0.61	0	0	4.8	0	0	0	0	0	0	7.58	7.58
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2314.92	3.25	0	78.29	0	0.63	0	0	4.89	0	0	0	0	0	0	7.27	7.27
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2438.38	3.25	0	78.74	0	0.66	0	0	5.09	0	0	0	0	0	0	6.58	6.58
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2501.89	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.24	6.24
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2593.51	3.25	0	79.28	0	0.7	0	0	5.34	0	0	0	0	0	0	5.76	5.76
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2615.47	3.25	0	79.35	0	0.71	0	0	5.37	0	0	0	0	0	0	5.65	5.65
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2672.83	3.25	0	79.54	0	0.72	0	0	5.46	0	0	0	0	0	0	5.36	5.36
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2724.41	3.25	0	79.71	0	0.73	0	0	5.54	0	0	0	0	0	0	5.1	5.1
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2769.8	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.87	4.87
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2873.47	3.25	0	80.17	0	0.77	0	0	5.77	0	0	0	0	0	0	4.37	4.37
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2887.73	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.3	4.3
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2994.04	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3026.14	3.25	0	80.62	0	0.81	0	0	6	0	0	0	0	0	0	3.65	3.65
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3119.19	3.25	0	80.88	0	0.83	0	0	6.13	0	0	0	0	0	0	3.23	3.23
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3273.6	3.77	0	81.3	0	-0.24	0	0	6.36	0	0	0	0	0	0	-0.45	-0.45

imit. Value D/N: 0 0

Level D/N: 29.6792 29.6792

Receiver: Existing Noise Receptor
ID: R41
X: 339587
Y: 4680700
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3274.59	4.15	0	81.3	0	-0.48	0	0	6.36	0	0	0	0	0	0	23.99	23.99
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1220.38	3.25	0	72.73	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.14	16.14
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1387.61	3.25	0	73.85	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.5	14.5
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1422.47	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1470.88	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.75	13.75
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1551.67	3.25	0	74.82	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.06	13.06
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1553.9	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1580.04	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.82	12.82
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1609.53	3.25	0	75.13	0	0.01	0	0	12.59	0	0	0	0	0	0	12.58	12.58
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1616.95	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.52	12.52
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1731.18	3.25	0	75.77	0	0.05	0	0	12.87	0	0	0	0	0	0	11.62	11.62
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1785.65	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	11.21	11.21

Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1792.61	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.16	11.16
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1885.96	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.49	10.49
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1936.5	3.25	0	76.74	0	0.11	0	0	13.33	0	0	0	0	0	0	10.13	10.13
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2099.84	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.04	9.04
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2172.04	3.25	0	77.74	0	0.18	0	0	13.82	0	0	0	0	0	0	8.58	8.58
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2281.74	3.25	0	78.17	0	0.2	0	0	14.04	0	0	0	0	0	0	7.91	7.91
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2335.16	3.25	0	78.37	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2457.09	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.88	6.88
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2523.74	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.51	6.51
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2608.33	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2638.75	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.88	5.88
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2692.85	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2741.26	3.25	0	79.76	0	0.31	0	0	14.91	0	0	0	0	0	0	5.34	5.34
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2790.33	3.25	0	79.91	0	0.32	0	0	15	0	0	0	0	0	0	5.08	5.08
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2895.07	3.25	0	80.23	0	0.34	0	0	15.19	0	0	0	0	0	0	4.55	4.55
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2901.46	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3008.94	3.25	0	80.57	0	0.36	0	0	15.39	0	0	0	0	0	0	3.99	3.99
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3045.57	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.82	3.82
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3139.7	3.25	0	80.94	0	0.39	0	0	15.62	0	0	0	0	0	0	3.37	3.37
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1221.43	3.25	0	72.74	0	0.34	0	0	2.96	0	0	0	0	0	0	15.04	15.04
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1388.33	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1423.69	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1472.62	3.25	0	74.36	0	0.4	0	0	3.43	0	0	0	0	0	0	12.88	12.88
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1551.45	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1554.34	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	12.24	12.24
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1581.05	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1607.11	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	11.84	11.84
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1618.28	3.25	0	75.18	0	0.44	0	0	3.7	0	0	0	0	0	0	11.76	11.76
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1732.83	3.25	0	75.78	0	0.47	0	0	3.9	0	0	0	0	0	0	10.93	10.93
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3295.08	3.5	0	81.36	0	3.46	0	0	2.46	0	0	0	0	0	0	9.35	9.35
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1786.62	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1790.57	3.25	0	76.06	0	0.49	0	0	4.01	0	0	0	0	0	0	10.52	10.52
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1884.42	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.89	9.89
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1938.54	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	9.54	9.54
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2101	3.25	0	77.45	0	0.57	0	0	4.54	0	0	0	0	0	0	8.52	8.52
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2173.61	3.25	0	77.74	0	0.59	0	0	4.66	0	0	0	0	0	0	8.08	8.08
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2283.58	3.25	0	78.17	0	0.62	0	0	4.84	0	0	0	0	0	0	7.45	7.45
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2336.99	3.25	0	78.37	0	0.63	0	0	4.93	0	0	0	0	0	0	7.14	7.14
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2459.18	3.25	0	78.82	0	0.67	0	0	5.12	0	0	0	0	0	0	6.47	6.47
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2521.42	3.25	0	79.03	0	0.68	0	0	5.22	0	0	0	0	0	0	6.14	6.14
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2611.44	3.25	0	79.34	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2636.23	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.54	5.54
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2689.49	3.25	0	79.59	0	0.73	0	0	5.49	0	0	0	0	0	0	5.27	5.27
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2744.02	3.25	0	79.77	0	0.74	0	0	5.57	0	0	0	0	0	0	5	5
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2787.74	3.25	0	79.91	0	0.75	0	0	5.64	0	0	0	0	0	0	4.78	4.78
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2892.69	3.25	0	80.23	0	0.78	0	0	5.8	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2904.27	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.22	4.22
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3012.04	3.25	0	80.58	0	0.81	0	0	5.98	0	0	0	0	0	0	3.72	3.72
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3042.09	3.25	0	80.66	0	0.82	0	0	6.02	0	0	0	0	0	0	3.58	3.58
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3136.46	3.25	0	80.93	0	0.84	0	0	6.16	0	0	0	0	0	0	3.15	3.15
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3292.01	3.77	0	81.35	0	-0.23	0	0	6.39	0	0	0	0	0	0	-0.53	-0.53
imit. Value D/N:	0	0																								
Level D/N:	29.5207	29.5207																								

Receiver: Existing Noise Receptor
ID: R42
X: 339495
Y: 4680749
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3280.06	4.15	0	81.32	0	-0.48	0	0	6.37	0	0	0	0	0	0	23.97	23.97
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1192.15	3.25	0	72.53	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.44	16.44
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1353.25	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1400.91	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1460.4	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.85	13.85
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1501.14	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.49	13.49
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1514.53	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1550.2	3.25	0	74.81	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.07	13.07
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1597.36	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.68	12.68

Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1605.3	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1718.23	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.72	11.72
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1758.18	3.25	0	75.9	0	0.06	0	0	12.94	0	0	0	0	0	0	11.42	11.42
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1788.67	3.25	0	76.05	0	0.07	0	0	13	0	0	0	0	0	0	11.19	11.19
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1865.15	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1924.33	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2071.76	3.25	0	77.33	0	0.15	0	0	13.61	0	0	0	0	0	0	9.22	9.22
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2151.11	3.25	0	77.65	0	0.17	0	0	13.77	0	0	0	0	0	0	8.71	8.71
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2265.46	3.25	0	78.1	0	0.2	0	0	14	0	0	0	0	0	0	8	8
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2325.55	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.64	7.64
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2453.05	3.25	0	78.79	0	0.25	0	0	14.37	0	0	0	0	0	0	6.9	6.9
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2525.41	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.5	6.5
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2616	3.25	0	79.35	0	0.28	0	0	14.68	0	0	0	0	0	0	6	6
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2635.14	3.25	0	79.42	0	0.29	0	0	14.71	0	0	0	0	0	0	5.9	5.9
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2705.76	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2742.05	3.25	0	79.76	0	0.31	0	0	14.91	0	0	0	0	0	0	5.33	5.33
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2798.21	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.04	5.04
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2897.72	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.54	4.54
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2914.4	3.25	0	80.29	0	0.35	0	0	15.22	0	0	0	0	0	0	4.46	4.46
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3016.13	3.25	0	80.59	0	0.37	0	0	15.4	0	0	0	0	0	0	3.96	3.96
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3060.99	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3150.07	3.25	0	80.97	0	0.39	0	0	15.64	0	0	0	0	0	0	3.32	3.32
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1193.69	3.25	0	72.54	0	0.33	0	0	2.9	0	0	0	0	0	0	15.3	15.3
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1354.39	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	13.86	13.86
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1402.47	3.25	0	73.94	0	0.38	0	0	3.3	0	0	0	0	0	0	13.45	13.45
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1462.46	3.25	0	74.3	0	0.4	0	0	3.41	0	0	0	0	0	0	12.96	12.96
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1501.21	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	12.65	12.65
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1515.35	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	12.54	12.54
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1551.58	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1598.99	3.25	0	75.08	0	0.44	0	0	3.66	0	0	0	0	0	0	11.9	11.9
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1602.53	3.25	0	75.1	0	0.44	0	0	3.67	0	0	0	0	0	0	11.87	11.87
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1720.16	3.25	0	75.71	0	0.47	0	0	3.88	0	0	0	0	0	0	11.02	11.02
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3301.33	3.5	0	81.37	0	3.47	0	0	2.47	0	0	0	0	0	0	9.32	9.32
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1759.43	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1786.36	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1863.29	3.25	0	76.41	0	0.51	0	0	4.13	0	0	0	0	0	0	10.03	10.03
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1926.67	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	9.62	9.62
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2073.2	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.69	8.69
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2152.95	3.25	0	77.66	0	0.58	0	0	4.62	0	0	0	0	0	0	8.21	8.21
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2267.56	3.25	0	78.11	0	0.62	0	0	4.81	0	0	0	0	0	0	7.54	7.54
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2327.59	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.2	7.2
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2455.33	3.25	0	78.8	0	0.66	0	0	5.12	0	0	0	0	0	0	6.49	6.49
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2522.9	3.25	0	79.04	0	0.68	0	0	5.22	0	0	0	0	0	0	6.13	6.13
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2619.31	3.25	0	79.36	0	0.71	0	0	5.38	0	0	0	0	0	0	5.63	5.63
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2632.4	3.25	0	79.41	0	0.71	0	0	5.4	0	0	0	0	0	0	5.56	5.56
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2702.22	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.21	5.21
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2745.02	3.25	0	79.77	0	0.74	0	0	5.57	0	0	0	0	0	0	4.99	4.99
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2795.46	3.25	0	79.93	0	0.75	0	0	5.65	0	0	0	0	0	0	4.75	4.75
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2895.19	3.25	0	80.23	0	0.78	0	0	5.8	0	0	0	0	0	0	4.26	4.26
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2917.36	3.25	0	80.3	0	0.78	0	0	5.83	0	0	0	0	0	0	4.16	4.16
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3019.41	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.68	3.68
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3057.34	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.51	3.51
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3146.66	3.25	0	80.96	0	0.84	0	0	6.17	0	0	0	0	0	0	3.1	3.1
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3297.65	3.77	0	81.36	0	-0.23	0	0	6.39	0	0	0	0	0	0	-0.55	-0.55
imit. Value D/N:	0	0																							
Level D/N:	29.6359	29.6359																							

Receiver: Existing Noise Receptor
ID: R43
X: 339497
Y: 4680777
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3255.27	4.15	0	81.25	0	-0.49	0	0	6.33	0	0	0	0	0	0	24.08	24.08
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1164.57	3.25	0	72.32	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.74	16.74
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1325.37	3.25	0	73.45	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.09	15.09
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1373.7	3.25	0	73.76	0	-0.08	0	0	12	0	0	0	0	0	0	14.63	14.63
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1434.09	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.08	14.08
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1473.11	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.73	13.73

Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1486.52	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1522.49	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1570.25	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1579.59	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.83	12.83
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1691.64	3.25	0	75.57	0	0.03	0	0	12.78	0	0	0	0	0	0	11.93	11.93
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1730.57	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1762.95	3.25	0	75.92	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1837.92	3.25	0	76.29	0	0.08	0	0	13.11	0	0	0	0	0	0	10.83	10.83
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1897.77	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.4	10.4
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2044.1	3.25	0	77.21	0	0.14	0	0	13.55	0	0	0	0	0	0	9.41	9.41
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2123.85	3.25	0	77.54	0	0.16	0	0	13.72	0	0	0	0	0	0	8.89	8.89
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2238.53	3.25	0	78	0	0.19	0	0	13.95	0	0	0	0	0	0	8.17	8.17
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2299.18	3.25	0	78.23	0	0.21	0	0	14.07	0	0	0	0	0	0	7.8	7.8
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2427.23	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.05	7.05
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2500.22	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2591.56	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.13	6.13
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2609.34	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2682.04	3.25	0	79.57	0	0.3	0	0	14.8	0	0	0	0	0	0	5.65	5.65
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2716.74	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.46	5.46
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2773.78	3.25	0	79.86	0	0.32	0	0	14.97	0	0	0	0	0	0	5.17	5.17
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2872.62	3.25	0	80.17	0	0.34	0	0	15.15	0	0	0	0	0	0	4.66	4.66
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2890.66	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.57	4.57
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2991.59	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3037.61	3.25	0	80.65	0	0.37	0	0	15.44	0	0	0	0	0	0	3.85	3.85
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3125.94	3.25	0	80.9	0	0.39	0	0	15.59	0	0	0	0	0	0	3.43	3.43
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1166.14	3.25	0	72.34	0	0.32	0	0	2.85	0	0	0	0	0	0	15.57	15.57
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1326.53	3.25	0	73.45	0	0.36	0	0	3.16	0	0	0	0	0	0	14.1	14.1
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1375.29	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.68	13.68
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1436.19	3.25	0	74.14	0	0.39	0	0	3.37	0	0	0	0	0	0	13.17	13.17
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1473.18	3.25	0	74.37	0	0.4	0	0	3.43	0	0	0	0	0	0	12.87	12.87
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1487.34	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	12.76	12.76
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1523.89	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1571.91	3.25	0	74.93	0	0.43	0	0	3.62	0	0	0	0	0	0	12.1	12.1
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1576.79	3.25	0	74.96	0	0.43	0	0	3.62	0	0	0	0	0	0	12.07	12.07
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1693.6	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	11.21	11.21
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3276.64	3.5	0	81.31	0	3.46	0	0	2.45	0	0	0	0	0	0	9.41	9.41
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1731.83	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	10.93	10.93
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1760.62	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.73	10.73
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1836.05	3.25	0	76.28	0	0.5	0	0	4.08	0	0	0	0	0	0	10.21	10.21
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1900.14	3.25	0	76.58	0	0.52	0	0	4.2	0	0	0	0	0	0	9.79	9.79
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2045.55	3.25	0	77.22	0	0.56	0	0	4.44	0	0	0	0	0	0	8.86	8.86
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2125.71	3.25	0	77.55	0	0.58	0	0	4.58	0	0	0	0	0	0	8.37	8.37
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2240.64	3.25	0	78.01	0	0.61	0	0	4.77	0	0	0	0	0	0	7.69	7.69
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2301.24	3.25	0	78.24	0	0.62	0	0	4.87	0	0	0	0	0	0	7.35	7.35
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2429.52	3.25	0	78.71	0	0.66	0	0	5.08	0	0	0	0	0	0	6.63	6.63
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2497.69	3.25	0	78.95	0	0.68	0	0	5.18	0	0	0	0	0	0	6.27	6.27
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2594.89	3.25	0	79.28	0	0.7	0	0	5.34	0	0	0	0	0	0	5.76	5.76
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2606.58	3.25	0	79.32	0	0.7	0	0	5.36	0	0	0	0	0	0	5.69	5.69
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2678.47	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.33	5.33
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2719.73	3.25	0	79.69	0	0.73	0	0	5.53	0	0	0	0	0	0	5.12	5.12
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2771.01	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.87	4.87
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2870.06	3.25	0	80.16	0	0.77	0	0	5.76	0	0	0	0	0	0	4.38	4.38
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2893.64	3.25	0	80.23	0	0.78	0	0	5.8	0	0	0	0	0	0	4.27	4.27
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2994.88	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3033.93	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3122.51	3.25	0	80.89	0	0.84	0	0	6.14	0	0	0	0	0	0	3.21	3.21
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3272.89	3.77	0	81.3	0	-0.24	0	0	6.36	0	0	0	0	0	0	-0.44	-0.44
imit. Value D/N:	0	0																							
Level D/N:	29.819	29.819																							

Receiver: Existing Noise Receptor
ID: R44
X: 339521
Y: 4680826
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3201.02	4.15	0	81.11	0	-0.5	0	0	6.25	0	0	0	0	0	0	24.31	24.31
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1111.09	3.25	0	71.91	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.33	17.33
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1272.77	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61

Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1319.64	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.15	15.15
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1379.55	3.25	0	73.79	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.58	14.58
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1424.01	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.17	14.17
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1434.84	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1469.31	3.25	0	74.34	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.77	13.77
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1516.09	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.36	13.36
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1525.06	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1637.17	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1677.14	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.04	12.04
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1708.42	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.8	11.8
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1783.88	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1843.29	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.79	10.79
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1990.79	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2069.85	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2184.23	3.25	0	77.79	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2244.65	3.25	0	78.02	0	0.2	0	0	13.96	0	0	0	0	0	0	8.13	8.13
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2372.68	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.37	7.37
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2445.82	3.25	0	78.77	0	0.24	0	0	14.35	0	0	0	0	0	0	6.94	6.94
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2537.49	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.43	6.43
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2554.8	3.25	0	79.15	0	0.27	0	0	14.56	0	0	0	0	0	0	6.33	6.33
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2628.4	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.93	5.93
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2662.29	3.25	0	79.51	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2719.71	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.45	5.45
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2818.24	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2837.02	3.25	0	80.06	0	0.33	0	0	15.08	0	0	0	0	0	0	4.84	4.84
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2937.46	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.34	4.34
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2984.2	3.25	0	80.5	0	0.36	0	0	15.34	0	0	0	0	0	0	4.11	4.11
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3072.05	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1112.6	3.25	0	71.93	0	0.31	0	0	2.75	0	0	0	0	0	0	16.1	16.1
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1273.87	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.56	14.56
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1321.2	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	14.14	14.14
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1381.64	3.25	0	73.81	0	0.38	0	0	3.26	0	0	0	0	0	0	13.63	13.63
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1424	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.27	13.27
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1435.59	3.25	0	74.14	0	0.39	0	0	3.36	0	0	0	0	0	0	13.18	13.18
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1470.66	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	12.89	12.89
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1517.73	3.25	0	74.62	0	0.41	0	0	3.52	0	0	0	0	0	0	12.52	12.52
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1522.25	3.25	0	74.65	0	0.42	0	0	3.52	0	0	0	0	0	0	12.49	12.49
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1639.11	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	11.6	11.6
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1678.37	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.31	11.31
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3222.44	3.5	0	81.16	0	3.45	0	0	2.42	0	0	0	0	0	0	9.59	9.59
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1706.08	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	11.12	11.12
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1782.03	3.25	0	76.02	0	0.48	0	0	3.99	0	0	0	0	0	0	10.58	10.58
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1845.65	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.15	10.15
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1992.21	3.25	0	76.99	0	0.54	0	0	4.35	0	0	0	0	0	0	9.2	9.2
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2071.69	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.7	8.7
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2186.33	3.25	0	77.79	0	0.59	0	0	4.68	0	0	0	0	0	0	8.01	8.01
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2246.71	3.25	0	78.03	0	0.61	0	0	4.78	0	0	0	0	0	0	7.66	7.66
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2374.97	3.25	0	78.51	0	0.64	0	0	4.99	0	0	0	0	0	0	6.93	6.93
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2443.28	3.25	0	78.76	0	0.66	0	0	5.1	0	0	0	0	0	0	6.56	6.56
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2540.84	3.25	0	79.1	0	0.69	0	0	5.25	0	0	0	0	0	0	6.04	6.04
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2552.03	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2624.82	3.25	0	79.38	0	0.71	0	0	5.38	0	0	0	0	0	0	5.6	5.6
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2665.29	3.25	0	79.51	0	0.72	0	0	5.45	0	0	0	0	0	0	5.39	5.39
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2716.93	3.25	0	79.68	0	0.73	0	0	5.53	0	0	0	0	0	0	5.13	5.13
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2815.68	3.25	0	79.99	0	0.76	0	0	5.68	0	0	0	0	0	0	4.65	4.65
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2840.01	3.25	0	80.07	0	0.76	0	0	5.72	0	0	0	0	0	0	4.53	4.53
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2940.77	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.05	4.05
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2980.51	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.86	3.86
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3068.6	3.25	0	80.74	0	0.82	0	0	6.06	0	0	0	0	0	0	3.46	3.46
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3218.65	3.77	0	81.15	0	-0.25	0	0	6.28	0	0	0	0	0	0	-0.21	-0.21

imit. Value D/N: 0 0

Level D/N: 30.1967 30.1967

Receiver: Existing Noise Receptor
ID: R45
X: 339495
Y: 4680831
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN

SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3210.78	4.15	0	81.13	0	-0.5	0	0	6.27	0	0	0	0	0	0	24.27	24.27
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1113.04	3.25	0	71.93	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.31	17.31
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1272.81	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1323.24	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1386.08	3.25	0	73.84	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1419.14	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1433.31	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1470.5	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1520.08	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1533.08	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.22	13.22
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1642.85	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1678.87	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1716.38	3.25	0	75.69	0	0.04	0	0	12.84	0	0	0	0	0	0	11.74	11.74
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1787.38	3.25	0	76.04	0	0.07	0	0	13	0	0	0	0	0	0	11.2	11.2
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1849.05	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1992.22	3.25	0	76.99	0	0.13	0	0	13.45	0	0	0	0	0	0	9.75	9.75
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2073.19	3.25	0	77.33	0	0.15	0	0	13.61	0	0	0	0	0	0	9.21	9.21
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2188.77	3.25	0	77.8	0	0.18	0	0	13.85	0	0	0	0	0	0	8.48	8.48
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2250.91	3.25	0	78.05	0	0.2	0	0	13.97	0	0	0	0	0	0	8.09	8.09
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2380.3	3.25	0	78.53	0	0.23	0	0	14.23	0	0	0	0	0	0	7.32	7.32
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2454.84	3.25	0	78.8	0	0.25	0	0	14.37	0	0	0	0	0	0	6.89	6.89
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2547.94	3.25	0	79.12	0	0.27	0	0	14.55	0	0	0	0	0	0	6.37	6.37
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2562.47	3.25	0	79.17	0	0.27	0	0	14.58	0	0	0	0	0	0	6.29	6.29
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2640.08	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2671.03	3.25	0	79.53	0	0.3	0	0	14.78	0	0	0	0	0	0	5.71	5.71
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2730.16	3.25	0	79.72	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2827.4	3.25	0	80.03	0	0.33	0	0	15.06	0	0	0	0	0	0	4.89	4.89
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2848.64	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.78	4.78
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2947.69	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.29	4.29
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2996.37	3.25	0	80.53	0	0.36	0	0	15.37	0	0	0	0	0	0	4.05	4.05
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3083	3.25	0	80.78	0	0.38	0	0	15.52	0	0	0	0	0	0	3.64	3.64
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1114.69	3.25	0	71.94	0	0.31	0	0	2.75	0	0	0	0	0	0	16.07	16.07
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1274.02	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	14.56	14.56
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1324.9	3.25	0	73.44	0	0.36	0	0	3.16	0	0	0	0	0	0	14.11	14.11
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1388.25	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1419.22	3.25	0	74.04	0	0.39	0	0	3.33	0	0	0	0	0	0	13.31	13.31
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1434.17	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1471.96	3.25	0	74.36	0	0.4	0	0	3.43	0	0	0	0	0	0	12.88	12.88
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1521.8	3.25	0	74.65	0	0.42	0	0	3.52	0	0	0	0	0	0	12.49	12.49
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1530.18	3.25	0	74.69	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1644.86	3.25	0	75.32	0	0.45	0	0	3.75	0	0	0	0	0	0	11.56	11.56
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1680.18	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3232.38	3.5	0	81.19	0	3.45	0	0	2.43	0	0	0	0	0	0	9.56	9.56
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1713.97	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.06	11.06
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1785.45	3.25	0	76.03	0	0.49	0	0	4	0	0	0	0	0	0	10.56	10.56
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1851.49	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1993.72	3.25	0	76.99	0	0.54	0	0	4.36	0	0	0	0	0	0	9.19	9.19
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2075.1	3.25	0	77.34	0	0.56	0	0	4.49	0	0	0	0	0	0	8.68	8.68
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2190.94	3.25	0	77.81	0	0.59	0	0	4.69	0	0	0	0	0	0	7.98	7.98
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2253.01	3.25	0	78.06	0	0.61	0	0	4.79	0	0	0	0	0	0	7.62	7.62
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2382.65	3.25	0	78.54	0	0.65	0	0	5	0	0	0	0	0	0	6.89	6.89
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2452.26	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.51	6.51
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2551.34	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2559.66	3.25	0	79.16	0	0.69	0	0	5.28	0	0	0	0	0	0	5.94	5.94
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2636.45	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.54	5.54
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2674.08	3.25	0	79.54	0	0.72	0	0	5.46	0	0	0	0	0	0	5.35	5.35
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2727.34	3.25	0	79.71	0	0.74	0	0	5.54	0	0	0	0	0	0	5.08	5.08
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2824.8	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.6	4.6
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2851.66	3.25	0	80.1	0	0.77	0	0	5.73	0	0	0	0	0	0	4.47	4.47
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2951.04	3.25	0	80.4	0	0.79	0	0	5.88	0	0	0	0	0	0	4	4
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2992.64	3.25	0	80.52	0	0.8	0	0	5.95	0	0	0	0	0	0	3.81	3.81
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3079.52	3.25	0	80.77	0	0.82	0	0	6.08	0	0	0	0	0	0	3.41	3.41
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3228.45	3.77	0	81.18	0	-0.25	0	0	6.29	0	0	0	0	0	0	-0.25	-0.25

imit. Value D/N: 0 0

Level D/N: 30.1669 30.1669

Receiver: Existing Noise Receptor

ID: R46

X: 339466

Y: 4680832

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3225.71	4.15	0	81.17	0	-0.49	0	0	6.29	0	0	0	0	0	0	24.21	24.21
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1120.33	3.25	0	71.99	0	-0.19	0	0	11.29	0	0	0	0	0	0	17.22	17.22
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1277.96	3.25	0	73.13	0	-0.12	0	0	11.74	0	0	0	0	0	0	15.56	15.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1332.17	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1398	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.41	14.41
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1418.85	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1436.69	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.06	14.06
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1476.8	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1529.33	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1546.48	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1653.82	3.25	0	75.37	0	0.02	0	0	12.7	0	0	0	0	0	0	12.23	12.23
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1685.69	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.98	11.98
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1729.67	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.64	11.64
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1796.04	3.25	0	76.09	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1860.06	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.67	10.67
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1998.64	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.71	9.71
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2081.63	3.25	0	77.37	0	0.15	0	0	13.63	0	0	0	0	0	0	9.16	9.16
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2198.45	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2262.36	3.25	0	78.09	0	0.2	0	0	14	0	0	0	0	0	0	8.02	8.02
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2393.15	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2469.09	3.25	0	78.85	0	0.25	0	0	14.4	0	0	0	0	0	0	6.81	6.81
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2563.62	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.29	6.29
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2575.35	3.25	0	79.22	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2656.96	3.25	0	79.49	0	0.29	0	0	14.75	0	0	0	0	0	0	5.78	5.78
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2684.98	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2745.82	3.25	0	79.77	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2841.76	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2865.46	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.7	4.7
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2963.12	3.25	0	80.43	0	0.35	0	0	15.31	0	0	0	0	0	0	4.22	4.22
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3013.72	3.25	0	80.58	0	0.36	0	0	15.4	0	0	0	0	0	0	3.97	3.97
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3099.15	3.25	0	80.82	0	0.38	0	0	15.55	0	0	0	0	0	0	3.56	3.56
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1122.12	3.25	0	72	0	0.31	0	0	2.76	0	0	0	0	0	0	16	16
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1279.31	3.25	0	73.14	0	0.35	0	0	3.07	0	0	0	0	0	0	14.52	14.52
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1333.92	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	14.03	14.03
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1400.26	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.47	13.47
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1419.03	3.25	0	74.04	0	0.39	0	0	3.33	0	0	0	0	0	0	13.31	13.31
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1437.67	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1478.37	3.25	0	74.4	0	0.4	0	0	3.44	0	0	0	0	0	0	12.83	12.83
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1531.13	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1543.49	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1655.91	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	11.48	11.48
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1687.08	3.25	0	75.54	0	0.46	0	0	3.82	0	0	0	0	0	0	11.25	11.25
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3247.5	3.5	0	81.23	0	3.46	0	0	2.44	0	0	0	0	0	0	9.51	9.51
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1727.2	3.25	0	75.75	0	0.47	0	0	3.89	0	0	0	0	0	0	10.97	10.97
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1794.02	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	10.5	10.5
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1862.58	3.25	0	76.4	0	0.51	0	0	4.13	0	0	0	0	0	0	10.04	10.04
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2000.22	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2083.62	3.25	0	77.38	0	0.57	0	0	4.51	0	0	0	0	0	0	8.63	8.63
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2200.69	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2264.52	3.25	0	78.1	0	0.61	0	0	4.81	0	0	0	0	0	0	7.55	7.55
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2395.54	3.25	0	78.59	0	0.65	0	0	5.02	0	0	0	0	0	0	6.82	6.82
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2466.47	3.25	0	78.84	0	0.67	0	0	5.13	0	0	0	0	0	0	6.43	6.43
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2567.07	3.25	0	79.19	0	0.69	0	0	5.29	0	0	0	0	0	0	5.9	5.9
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2572.48	3.25	0	79.21	0	0.7	0	0	5.3	0	0	0	0	0	0	5.87	5.87
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2653.29	3.25	0	79.48	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2688.08	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.28	5.28
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2742.97	3.25	0	79.76	0	0.74	0	0	5.57	0	0	0	0	0	0	5	5
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2839.12	3.25	0	80.06	0	0.76	0	0	5.72	0	0	0	0	0	0	4.53	4.53
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2868.52	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.39	4.39
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2966.5	3.25	0	80.44	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3009.95	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.73	3.73
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3095.63	3.25	0	80.81	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3243.42	3.77	0	81.22	0	-0.24	0	0	6.32	0	0	0	0	0	0	-0.32	-0.32

imit. Value D/N: 0 0

Level D/N: 30.1002 30.1002

Receiver: Existing Noise Receptor

ID: R47

X: 339328
Y: 4680833
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3302.42	4.15	0	81.38	0	-0.48	0	0	6.4	0	0	0	0	0	0	23.88	23.88
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1167.76	3.25	0	72.35	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.7	16.7
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1314.58	3.25	0	73.38	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.2	15.2
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1385.58	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1429.29	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1464.26	3.25	0	74.31	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.81	13.81
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1464.53	3.25	0	74.31	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.81	13.81
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1517.6	3.25	0	74.62	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.35	13.35
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1583.3	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1618.96	3.25	0	75.18	0	0.01	0	0	12.61	0	0	0	0	0	0	12.51	12.51
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1715.11	3.25	0	75.69	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1728	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.65	11.65
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1801.12	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1846.41	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.77	10.77
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1920.92	3.25	0	76.67	0	0.11	0	0	13.29	0	0	0	0	0	0	10.24	10.24
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2038.16	3.25	0	77.18	0	0.14	0	0	13.54	0	0	0	0	0	0	9.45	9.45
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2130.24	3.25	0	77.57	0	0.17	0	0	13.73	0	0	0	0	0	0	8.85	8.85
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2252.47	3.25	0	78.05	0	0.2	0	0	13.98	0	0	0	0	0	0	8.08	8.08
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2324.35	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.65	7.65
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2461.25	3.25	0	78.82	0	0.25	0	0	14.38	0	0	0	0	0	0	6.86	6.86
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2543.47	3.25	0	79.11	0	0.27	0	0	14.54	0	0	0	0	0	0	6.4	6.4
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2643.34	3.25	0	79.44	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2644.33	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2742.97	3.25	0	79.76	0	0.31	0	0	14.91	0	0	0	0	0	0	5.33	5.33
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2757.72	3.25	0	79.81	0	0.31	0	0	14.94	0	0	0	0	0	0	5.25	5.25
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2826.25	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.9	4.9
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2916.17	3.25	0	80.3	0	0.35	0	0	15.22	0	0	0	0	0	0	4.45	4.45
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2951	3.25	0	80.4	0	0.35	0	0	15.29	0	0	0	0	0	0	4.27	4.27
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3042.27	3.25	0	80.66	0	0.37	0	0	15.45	0	0	0	0	0	0	3.83	3.83
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3101.5	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.55	3.55
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3181.45	3.25	0	81.05	0	0.4	0	0	15.69	0	0	0	0	0	0	3.17	3.17
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1170.19	3.25	0	72.37	0	0.32	0	0	2.86	0	0	0	0	0	0	15.53	15.53
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1316.52	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1387.77	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1429.95	3.25	0	74.11	0	0.39	0	0	3.35	0	0	0	0	0	0	13.22	13.22
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1465.78	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1467.16	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	12.92	12.92
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1519.68	3.25	0	74.64	0	0.41	0	0	3.52	0	0	0	0	0	0	12.51	12.51
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1585.48	3.25	0	75	0	0.43	0	0	3.64	0	0	0	0	0	0	12	12
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1615.59	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	11.78	11.78
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1717.53	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	11.03	11.03
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1729.75	3.25	0	75.76	0	0.47	0	0	3.9	0	0	0	0	0	0	10.95	10.95
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3325.03	3.5	0	81.44	0	3.47	0	0	2.48	0	0	0	0	0	0	9.25	9.25
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1798.37	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1844	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1923.79	3.25	0	76.68	0	0.52	0	0	4.24	0	0	0	0	0	0	9.63	9.63
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2040.12	3.25	0	77.19	0	0.55	0	0	4.43	0	0	0	0	0	0	8.89	8.89
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2132.57	3.25	0	77.58	0	0.58	0	0	4.59	0	0	0	0	0	0	8.33	8.33
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2255.02	3.25	0	78.06	0	0.61	0	0	4.79	0	0	0	0	0	0	7.61	7.61
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2326.75	3.25	0	78.33	0	0.63	0	0	4.91	0	0	0	0	0	0	7.2	7.2
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2463.85	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.45	6.45
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2540.65	3.25	0	79.1	0	0.69	0	0	5.25	0	0	0	0	0	0	6.04	6.04
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2640.23	3.25	0	79.43	0	0.71	0	0	5.41	0	0	0	0	0	0	5.52	5.52
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2647.98	3.25	0	79.46	0	0.71	0	0	5.42	0	0	0	0	0	0	5.48	5.48
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2739.11	3.25	0	79.75	0	0.74	0	0	5.56	0	0	0	0	0	0	5.02	5.02
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2761.03	3.25	0	79.82	0	0.74	0	0	5.6	0	0	0	0	0	0	4.92	4.92
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2823.23	3.25	0	80.01	0	0.76	0	0	5.69	0	0	0	0	0	0	4.61	4.61
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2913.37	3.25	0	80.29	0	0.78	0	0	5.83	0	0	0	0	0	0	4.18	4.18
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2954.2	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3045.84	3.25	0	80.67	0	0.82	0	0	6.03	0	0	0	0	0	0	3.56	3.56
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3097.57	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.32	3.32
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3177.76	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.97	2.97
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3320.3	3.77	0	81.42	0	-0.23	0	0	6.43	0	0	0	0	0	0	-0.65	-0.65
imit. Value D/N:	0	0																									
Level D/N:	29.7217	29.7217																									

Receiver: Existing Noise Receptor
ID: R48
X: 339304
Y: 4680837
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3313.06	4.15	0	81.4	0	-0.47	0	0	6.42	0	0	0	0	0	0	23.83	23.83
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1174	3.25	0	72.39	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.63	16.63
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1318.71	3.25	0	73.4	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.16	15.16
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1392.64	3.25	0	73.88	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1428.67	3.25	0	74.1	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.13	14.13
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1466.64	3.25	0	74.33	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.79	13.79
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1473.88	3.25	0	74.37	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.73	13.73
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1522.29	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1590.29	3.25	0	75.03	0	0	0	0	12.54	0	0	0	0	0	0	12.74	12.74
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1629.29	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.42	12.42
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1723.34	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1732.81	3.25	0	75.77	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1811.17	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.03	11.03
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1852.6	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.73	10.73
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1928.98	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	10.19	10.19
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2042.3	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.42	9.42
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2135.98	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.81	8.81
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2259.15	3.25	0	78.08	0	0.2	0	0	13.99	0	0	0	0	0	0	8.04	8.04
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2332.45	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.6	7.6
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2470.44	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2553.8	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.34	6.34
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2652.46	3.25	0	79.47	0	0.29	0	0	14.74	0	0	0	0	0	0	5.8	5.8
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2655.82	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.79	5.79
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2755.45	3.25	0	79.8	0	0.31	0	0	14.93	0	0	0	0	0	0	5.26	5.26
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2767.7	3.25	0	79.84	0	0.32	0	0	14.96	0	0	0	0	0	0	5.2	5.2
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2837.66	3.25	0	80.06	0	0.33	0	0	15.08	0	0	0	0	0	0	4.84	4.84
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2926.44	3.25	0	80.33	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2963.35	3.25	0	80.44	0	0.35	0	0	15.31	0	0	0	0	0	0	4.21	4.21
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3053.4	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.78	3.78
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3114.26	3.25	0	80.87	0	0.38	0	0	15.57	0	0	0	0	0	0	3.49	3.49
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3193.16	3.25	0	81.08	0	0.4	0	0	15.71	0	0	0	0	0	0	3.12	3.12
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1176.53	3.25	0	72.41	0	0.32	0	0	2.87	0	0	0	0	0	0	15.47	15.47
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1320.75	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	14.15	14.15
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1394.9	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1429.42	3.25	0	74.1	0	0.39	0	0	3.35	0	0	0	0	0	0	13.23	13.23
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1468.26	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	12.91	12.91
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1476.57	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.85	12.85
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1524.45	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1592.54	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	11.95	11.95
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1625.86	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.7	11.7
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1725.82	3.25	0	75.74	0	0.47	0	0	3.89	0	0	0	0	0	0	10.98	10.98
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1734.62	3.25	0	75.78	0	0.47	0	0	3.91	0	0	0	0	0	0	10.91	10.91
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3335.82	3.5	0	81.46	0	3.47	0	0	2.49	0	0	0	0	0	0	9.21	9.21
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1808.36	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1850.12	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	10.12	10.12
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1931.9	3.25	0	76.72	0	0.53	0	0	4.25	0	0	0	0	0	0	9.58	9.58
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2044.32	3.25	0	77.21	0	0.56	0	0	4.44	0	0	0	0	0	0	8.87	8.87
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2138.37	3.25	0	77.6	0	0.58	0	0	4.6	0	0	0	0	0	0	8.29	8.29
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2261.75	3.25	0	78.09	0	0.61	0	0	4.8	0	0	0	0	0	0	7.57	7.57
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2334.9	3.25	0	78.37	0	0.63	0	0	4.92	0	0	0	0	0	0	7.16	7.16
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2473.08	3.25	0	78.86	0	0.67	0	0	5.14	0	0	0	0	0	0	6.4	6.4
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2550.95	3.25	0	79.13	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2649.31	3.25	0	79.46	0	0.72	0	0	5.42	0	0	0	0	0	0	5.48	5.48
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2659.51	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.42	5.42
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2751.56	3.25	0	79.79	0	0.74	0	0	5.58	0	0	0	0	0	0	4.96	4.96
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2771.05	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.87	4.87
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2834.61	3.25	0	80.05	0	0.76	0	0	5.71	0	0	0	0	0	0	4.56	4.56
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2923.6	3.25	0	80.32	0	0.79	0	0	5.84	0	0	0	0	0	0	4.13	4.13
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2966.58	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3057.01	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.51	3.51
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3110.31	3.25	0	80.86	0	0.83	0	0	6.12	0	0	0	0	0	0	3.27	3.27
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3189.43	3.25	0	81.07	0	0.85	0	0	6.24	0	0	0	0	0	0	2.91	2.91

	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3330.97	3.77	0	81.45	0	-0.22	0	0	6.44	0	0	0	0	0	0	-0.69	-0.69
imit. Value D/N:	0	0																								
Level D/N:	29.6738	29.6738																								

Receiver: Existing Noise Receptor
ID: R49
X: 339285
Y: 4680836
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3324.96	4.15	0	81.44	0	-0.47	0	0	6.43	0	0	0	0	0	0	23.78	23.78
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1183.02	3.25	0	72.46	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.54	16.54
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1326.2	3.25	0	73.45	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.08	15.08
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1402.2	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.37	14.37
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1432.59	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.09	14.09
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1472.8	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.74	13.74
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1485.01	3.25	0	74.43	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.63	13.63
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1530.14	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1599.78	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.66	12.66
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1641.07	3.25	0	75.3	0	0.02	0	0	12.67	0	0	0	0	0	0	12.33	12.33
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1733.68	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1740.71	3.25	0	75.81	0	0.05	0	0	12.9	0	0	0	0	0	0	11.55	11.55
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1822.74	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1861.48	3.25	0	76.4	0	0.09	0	0	13.16	0	0	0	0	0	0	10.66	10.66
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1939.17	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2049.69	3.25	0	77.23	0	0.14	0	0	13.57	0	0	0	0	0	0	9.37	9.37
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2144.52	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.76	8.76
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2268.34	3.25	0	78.11	0	0.2	0	0	14.01	0	0	0	0	0	0	7.99	7.99
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2342.65	3.25	0	78.39	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2481.38	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.74	6.74
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2565.52	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.27	6.27
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2663.35	3.25	0	79.51	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2668.32	3.25	0	79.52	0	0.29	0	0	14.77	0	0	0	0	0	0	5.72	5.72
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2768.6	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.19	5.19
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2779.17	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.14	5.14
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2850.09	3.25	0	80.1	0	0.33	0	0	15.1	0	0	0	0	0	0	4.78	4.78
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2938.1	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.34	4.34
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2976.41	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.15	4.15
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3065.64	3.25	0	80.73	0	0.37	0	0	15.49	0	0	0	0	0	0	3.72	3.72
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3127.58	3.25	0	80.9	0	0.39	0	0	15.6	0	0	0	0	0	0	3.43	3.43
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3205.78	3.25	0	81.12	0	0.4	0	0	15.73	0	0	0	0	0	0	3.06	3.06
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1185.63	3.25	0	72.48	0	0.33	0	0	2.89	0	0	0	0	0	0	15.38	15.38
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1328.31	3.25	0	73.47	0	0.36	0	0	3.16	0	0	0	0	0	0	14.08	14.08
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1404.51	3.25	0	73.95	0	0.38	0	0	3.31	0	0	0	0	0	0	13.43	13.43
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1433.4	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1474.49	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	12.86	12.86
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1487.75	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	12.76	12.76
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1532.36	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1602.07	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1637.59	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.61	11.61
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1736.2	3.25	0	75.79	0	0.47	0	0	3.91	0	0	0	0	0	0	10.9	10.9
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1742.57	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	10.86	10.86
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3347.82	3.5	0	81.5	0	3.47	0	0	2.49	0	0	0	0	0	0	9.17	9.17
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1819.9	3.25	0	76.2	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1858.95	3.25	0	76.39	0	0.51	0	0	4.12	0	0	0	0	0	0	10.06	10.06
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1942.14	3.25	0	76.77	0	0.53	0	0	4.27	0	0	0	0	0	0	9.52	9.52
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2051.76	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.82	8.82
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2146.95	3.25	0	77.64	0	0.58	0	0	4.61	0	0	0	0	0	0	8.24	8.24
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2270.99	3.25	0	78.12	0	0.62	0	0	4.82	0	0	0	0	0	0	7.52	7.52
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2345.13	3.25	0	78.4	0	0.64	0	0	4.94	0	0	0	0	0	0	7.1	7.1
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2484.05	3.25	0	78.9	0	0.67	0	0	5.16	0	0	0	0	0	0	6.34	6.34
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2562.64	3.25	0	79.17	0	0.69	0	0	5.29	0	0	0	0	0	0	5.92	5.92
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2660.17	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.42	5.42
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2672.03	3.25	0	79.54	0	0.72	0	0	5.46	0	0	0	0	0	0	5.36	5.36
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2764.68	3.25	0	79.83	0	0.75	0	0	5.6	0	0	0	0	0	0	4.9	4.9
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2782.55	3.25	0	79.89	0	0.75	0	0	5.63	0	0	0	0	0	0	4.81	4.81
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2847.02	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.5	4.5
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2935.24	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.07	4.07
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2979.65	3.25	0	80.48	0	0.8	0	0	5.93	0	0	0	0	0	0	3.87	3.87

	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3069.27	3.25	0	80.74	0	0.82	0	0	6.06	0	0	0	0	0	0	3.45	3.45
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3123.61	3.25	0	80.89	0	0.84	0	0	6.14	0	0	0	0	0	0	3.21	3.21
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3202.03	3.25	0	81.11	0	0.85	0	0	6.26	0	0	0	0	0	0	2.86	2.86
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3342.88	3.77	0	81.48	0	-0.22	0	0	6.46	0	0	0	0	0	0	-0.75	-0.75
imit. Value D/N:	0	0																								
Level D/N:	29.6091	29.6091																								

Receiver: Existing Noise Receptor
ID: R50
X: 339273
Y: 4680923
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3262	4.15	0	81.27	0	-0.48	0	0	6.34	0	0	0	0	0	0	24.05	24.05
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1110.89	3.25	0	71.91	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.33	17.33
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1249.62	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.84	15.84
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1331.52	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1348.89	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.87	14.87
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1393.09	3.25	0	73.88	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.45	14.45
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1419.85	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1454.36	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1528.71	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1578.36	3.25	0	74.96	0	-0.01	0	0	12.52	0	0	0	0	0	0	12.84	12.84
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1664.97	3.25	0	75.43	0	0.02	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1665.36	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.13	12.13
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1759.02	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1788.41	3.25	0	76.05	0	0.07	0	0	13	0	0	0	0	0	0	11.19	11.19
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1870.22	3.25	0	76.44	0	0.09	0	0	13.18	0	0	0	0	0	0	10.6	10.6
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1972.54	3.25	0	76.9	0	0.12	0	0	13.4	0	0	0	0	0	0	9.89	9.89
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2070.33	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.23	9.23
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2196.04	3.25	0	77.83	0	0.18	0	0	13.87	0	0	0	0	0	0	8.43	8.43
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2273.56	3.25	0	78.13	0	0.2	0	0	14.02	0	0	0	0	0	0	7.96	7.96
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2414.89	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.12	7.12
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2502.04	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.63	6.63
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2596.61	3.25	0	79.29	0	0.28	0	0	14.64	0	0	0	0	0	0	6.11	6.11
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2608.13	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2711.41	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.49	5.49
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2714.62	3.25	0	79.67	0	0.3	0	0	14.86	0	0	0	0	0	0	5.47	5.47
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2789.56	3.25	0	79.91	0	0.32	0	0	15	0	0	0	0	0	0	5.09	5.09
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2874.25	3.25	0	80.17	0	0.34	0	0	15.15	0	0	0	0	0	0	4.66	4.66
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2918.72	3.25	0	80.3	0	0.35	0	0	15.23	0	0	0	0	0	0	4.43	4.43
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3004.2	3.25	0	80.55	0	0.36	0	0	15.38	0	0	0	0	0	0	4.02	4.02
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3071.14	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3146	3.25	0	80.96	0	0.39	0	0	15.63	0	0	0	0	0	0	3.34	3.34
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1113.74	3.25	0	71.94	0	0.31	0	0	2.75	0	0	0	0	0	0	16.08	16.08
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1251.93	3.25	0	72.95	0	0.34	0	0	3.02	0	0	0	0	0	0	14.76	14.76
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1334	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	14.03	14.03
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1349.79	3.25	0	73.61	0	0.37	0	0	3.2	0	0	0	0	0	0	13.9	13.9
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1394.93	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1422.76	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1456.75	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	13.01	13.01
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1531.15	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1574.7	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1666.96	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.4	11.4
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1668.02	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3285.29	3.5	0	81.33	0	3.46	0	0	2.46	0	0	0	0	0	0	9.38	9.38
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1756.04	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	10.76	10.76
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1785.73	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.56	10.56
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1873.33	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	9.97	9.97
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1974.72	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.31	9.31
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2072.89	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.69	8.69
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2198.81	3.25	0	77.84	0	0.6	0	0	4.7	0	0	0	0	0	0	7.94	7.94
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2276.13	3.25	0	78.14	0	0.62	0	0	4.83	0	0	0	0	0	0	7.49	7.49
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2417.66	3.25	0	78.67	0	0.65	0	0	5.06	0	0	0	0	0	0	6.7	6.7
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2499.07	3.25	0	78.96	0	0.68	0	0	5.19	0	0	0	0	0	0	6.26	6.26
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2593.32	3.25	0	79.28	0	0.7	0	0	5.34	0	0	0	0	0	0	5.76	5.76
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2611.96	3.25	0	79.34	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2707.38	3.25	0	79.65	0	0.73	0	0	5.51	0	0	0	0	0	0	5.18	5.18
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2718.1	3.25	0	79.69	0	0.73	0	0	5.53	0	0	0	0	0	0	5.13	5.13

	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2786.4	3.25	0	79.9	0	0.75	0	0	5.63	0	0	0	0	0	0	4.79	4.79
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2871.31	3.25	0	80.16	0	0.77	0	0	5.76	0	0	0	0	0	0	4.38	4.38
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2922.05	3.25	0	80.31	0	0.79	0	0	5.84	0	0	0	0	0	0	4.14	4.14
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3007.93	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.73	3.73
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3067.07	3.25	0	80.73	0	0.82	0	0	6.06	0	0	0	0	0	0	3.46	3.46
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3142.16	3.25	0	80.94	0	0.84	0	0	6.17	0	0	0	0	0	0	3.12	3.12
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3280	3.77	0	81.32	0	-0.23	0	0	6.37	0	0	0	0	0	0	-0.47	-0.47
imit. Value D/N:	0	0																								
Level D/N:	30.1086	30.1086																								

Receiver: Existing Noise Receptor
ID: R51
X: 339239
Y: 4680844
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3345.66	4.15	0	81.49	0	-0.47	0	0	6.46	0	0	0	0	0	0	23.69	23.69
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1196.6	3.25	0	72.56	0	-0.16	0	0	11.52	0	0	0	0	0	0	16.39	16.39
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1335.62	3.25	0	73.51	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.99	14.99
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1417.02	3.25	0	74.03	0	-0.06	0	0	12.11	0	0	0	0	0	0	14.23	14.23
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1432.84	3.25	0	74.12	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.09	14.09
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1478.72	3.25	0	74.4	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.68	13.68
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1504.04	3.25	0	74.55	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.46	13.46
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1540.36	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.15	13.15
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1614.3	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1661.8	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.16	12.16
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1750.42	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1750.98	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.47	11.47
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1842.82	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1874.28	3.25	0	76.46	0	0.09	0	0	13.19	0	0	0	0	0	0	10.57	10.57
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1955.43	3.25	0	76.82	0	0.12	0	0	13.37	0	0	0	0	0	0	10	10
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2058.49	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.31	9.31
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2156.3	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.68	8.68
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2281.84	3.25	0	78.17	0	0.2	0	0	14.04	0	0	0	0	0	0	7.91	7.91
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2358.83	3.25	0	78.45	0	0.22	0	0	14.19	0	0	0	0	0	0	7.45	7.45
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2499.55	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2585.83	3.25	0	79.25	0	0.28	0	0	14.62	0	0	0	0	0	0	6.16	6.16
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2681.34	3.25	0	79.57	0	0.3	0	0	14.8	0	0	0	0	0	0	5.65	5.65
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2690.79	3.25	0	79.6	0	0.3	0	0	14.81	0	0	0	0	0	0	5.6	5.6
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2792.9	3.25	0	79.92	0	0.32	0	0	15	0	0	0	0	0	0	5.07	5.07
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2798.75	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.04	5.04
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2872.35	3.25	0	80.16	0	0.34	0	0	15.14	0	0	0	0	0	0	4.67	4.67
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2958.17	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3000.43	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.03	4.03
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3087.33	3.25	0	80.79	0	0.38	0	0	15.53	0	0	0	0	0	0	3.62	3.62
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3152.35	3.25	0	80.97	0	0.39	0	0	15.64	0	0	0	0	0	0	3.31	3.31
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3228.53	3.25	0	81.18	0	0.4	0	0	15.77	0	0	0	0	0	0	2.96	2.96
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1199.41	3.25	0	72.58	0	0.33	0	0	2.92	0	0	0	0	0	0	15.25	15.25
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1337.93	3.25	0	73.53	0	0.37	0	0	3.18	0	0	0	0	0	0	14	14
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1419.47	3.25	0	74.04	0	0.39	0	0	3.33	0	0	0	0	0	0	13.31	13.31
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1433.81	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1480.59	3.25	0	74.41	0	0.4	0	0	3.45	0	0	0	0	0	0	12.82	12.82
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1506.9	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1542.75	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.33	12.33
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1616.71	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	11.77	11.77
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1658.2	3.25	0	75.39	0	0.45	0	0	3.77	0	0	0	0	0	0	11.46	11.46
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1752.96	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1753.05	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3368.8	3.5	0	81.55	0	3.48	0	0	2.5	0	0	0	0	0	0	9.1	9.1
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1839.88	3.25	0	76.3	0	0.5	0	0	4.09	0	0	0	0	0	0	10.19	10.19
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1871.61	3.25	0	76.44	0	0.51	0	0	4.15	0	0	0	0	0	0	9.98	9.98
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1958.52	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	9.41	9.41
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2060.69	3.25	0	77.28	0	0.56	0	0	4.47	0	0	0	0	0	0	8.77	8.77
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2158.85	3.25	0	77.68	0	0.59	0	0	4.63	0	0	0	0	0	0	8.17	8.17
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2284.59	3.25	0	78.18	0	0.62	0	0	4.84	0	0	0	0	0	0	7.44	7.44
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2361.38	3.25	0	78.46	0	0.64	0	0	4.97	0	0	0	0	0	0	7.01	7.01
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2502.3	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.24	6.24
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2582.88	3.25	0	79.24	0	0.7	0	0	5.32	0	0	0	0	0	0	5.82	5.82
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2678.08	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.33	5.33

	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2694.57	3.25	0	79.61	0	0.73	0	0	5.49	0	0	0	0	0	0	5.25	5.25
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2788.92	3.25	0	79.91	0	0.75	0	0	5.64	0	0	0	0	0	0	4.78	4.78
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2802.2	3.25	0	79.95	0	0.75	0	0	5.66	0	0	0	0	0	0	4.71	4.71
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2869.23	3.25	0	80.16	0	0.77	0	0	5.76	0	0	0	0	0	0	4.39	4.39
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2955.26	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.98	3.98
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3003.73	3.25	0	80.55	0	0.81	0	0	5.96	0	0	0	0	0	0	3.75	3.75
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3091.03	3.25	0	80.8	0	0.83	0	0	6.09	0	0	0	0	0	0	3.35	3.35
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3148.32	3.25	0	80.96	0	0.84	0	0	6.18	0	0	0	0	0	0	3.1	3.1
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3224.73	3.25	0	81.17	0	0.86	0	0	6.29	0	0	0	0	0	0	2.76	2.76
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3363.63	3.77	0	81.54	0	-0.21	0	0	6.49	0	0	0	0	0	0	-0.83	-0.83
imit. Value D/N:	0	0																								
Level D/N:	29.5113	29.5113																								

Receiver: Existing Noise Receptor
ID: R52
X: 339237
Y: 4680922
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3284.53	4.15	0	81.33	0	-0.48	0	0	6.38	0	0	0	0	0	0	23.95	23.95
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1129.22	3.25	0	72.06	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.12	17.12
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1264.72	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.69	15.69
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1350.55	3.25	0	73.61	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.85	14.85
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1356.79	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1405.41	3.25	0	73.96	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.34	14.34
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1441.82	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.01	14.01
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1469.92	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1547.39	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1601.41	3.25	0	75.09	0	0	0	0	12.57	0	0	0	0	0	0	12.65	12.65
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1680.46	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.02	12.02
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1685.57	3.25	0	75.53	0	0.03	0	0	12.77	0	0	0	0	0	0	11.98	11.98
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1781.52	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.25	11.25
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1805.71	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1889.98	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1986.81	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2086.79	3.25	0	77.39	0	0.15	0	0	13.64	0	0	0	0	0	0	9.13	9.13
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2213.71	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2293.13	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.84	7.84
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2435.83	3.25	0	78.73	0	0.24	0	0	14.34	0	0	0	0	0	0	7	7
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2524.44	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.5	6.5
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2617.38	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.99	5.99
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2631.98	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.91	5.91
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2736.47	3.25	0	79.74	0	0.31	0	0	14.9	0	0	0	0	0	0	5.36	5.36
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2736.47	3.25	0	79.74	0	0.31	0	0	14.9	0	0	0	0	0	0	5.36	5.36
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2813.23	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.96	4.96
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2896.42	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.55	4.55
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2943.55	3.25	0	80.38	0	0.35	0	0	15.27	0	0	0	0	0	0	4.31	4.31
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3027.45	3.25	0	80.62	0	0.37	0	0	15.42	0	0	0	0	0	0	3.9	3.9
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3096.44	3.25	0	80.82	0	0.38	0	0	15.54	0	0	0	0	0	0	3.57	3.57
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3169.94	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.23	3.23
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1132.21	3.25	0	72.08	0	0.31	0	0	2.78	0	0	0	0	0	0	15.9	15.9
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1267.16	3.25	0	73.06	0	0.35	0	0	3.05	0	0	0	0	0	0	14.62	14.62
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1353.13	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	13.87	13.87
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1357.82	3.25	0	73.66	0	0.37	0	0	3.22	0	0	0	0	0	0	13.83	13.83
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1407.39	3.25	0	73.97	0	0.38	0	0	3.31	0	0	0	0	0	0	13.41	13.41
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1444.81	3.25	0	74.2	0	0.39	0	0	3.38	0	0	0	0	0	0	13.1	13.1
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1472.43	3.25	0	74.36	0	0.4	0	0	3.43	0	0	0	0	0	0	12.88	12.88
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1549.91	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.27	12.27
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1597.66	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.91	11.91
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1682.53	3.25	0	75.52	0	0.46	0	0	3.81	0	0	0	0	0	0	11.28	11.28
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1688.3	3.25	0	75.55	0	0.46	0	0	3.82	0	0	0	0	0	0	11.24	11.24
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3308.01	3.5	0	81.39	0	3.47	0	0	2.47	0	0	0	0	0	0	9.3	9.3
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1778.48	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	10.61	10.61
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1802.93	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1893.19	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	9.83	9.83
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1989.09	3.25	0	76.97	0	0.54	0	0	4.35	0	0	0	0	0	0	9.21	9.21
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2089.43	3.25	0	77.4	0	0.57	0	0	4.52	0	0	0	0	0	0	8.59	8.59
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2216.55	3.25	0	77.91	0	0.6	0	0	4.73	0	0	0	0	0	0	7.83	7.83
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2295.76	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.38	7.38

Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2438.65	3.25	0	78.74	0	0.66	0	0	5.09	0	0	0	0	0	0	6.58	6.58
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2521.42	3.25	0	79.03	0	0.68	0	0	5.22	0	0	0	0	0	0	6.14	6.14
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2614.04	3.25	0	79.35	0	0.71	0	0	5.37	0	0	0	0	0	0	5.66	5.66
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2635.86	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.54	5.54
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2732.4	3.25	0	79.73	0	0.74	0	0	5.55	0	0	0	0	0	0	5.06	5.06
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2740.01	3.25	0	79.76	0	0.74	0	0	5.56	0	0	0	0	0	0	5.02	5.02
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2810.03	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.67	4.67
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2893.43	3.25	0	80.23	0	0.78	0	0	5.8	0	0	0	0	0	0	4.27	4.27
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2946.91	3.25	0	80.39	0	0.79	0	0	5.88	0	0	0	0	0	0	4.02	4.02
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3031.22	3.25	0	80.63	0	0.81	0	0	6	0	0	0	0	0	0	3.63	3.63
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3092.33	3.25	0	80.81	0	0.83	0	0	6.09	0	0	0	0	0	0	3.35	3.35
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3166.06	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3302.57	3.77	0	81.38	0	-0.23	0	0	6.4	0	0	0	0	0	0	-0.57	-0.57

imit. Value D/N: 0 0

Level D/N: 29.9777 29.9777

Receiver: Existing Noise Receptor
ID: R53
X: 339214
Y: 4680842
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3362.2	4.15	0	81.53	0	-0.46	0	0	6.49	0	0	0	0	0	0	23.62	23.62
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1210.23	3.25	0	72.66	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.25	16.25
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1347.22	3.25	0	73.59	0	-0.09	0	0	11.93	0	0	0	0	0	0	14.88	14.88
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1431.14	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.11	14.11
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1439.82	3.25	0	74.17	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.03	14.03
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1488.54	3.25	0	74.46	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.6	13.6
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1520.06	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1552.28	3.25	0	74.82	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.05	13.05
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1628.22	3.25	0	75.23	0	0.01	0	0	12.64	0	0	0	0	0	0	12.43	12.43
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1678.54	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1762.85	3.25	0	75.92	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1765.34	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.37	11.37
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1859.23	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.68	10.68
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1887.33	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.48	10.48
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1970.09	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.9	9.9
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2069.59	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2168.81	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.6	8.6
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2295.15	3.25	0	78.22	0	0.21	0	0	14.06	0	0	0	0	0	0	7.83	7.83
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2373.38	3.25	0	78.51	0	0.23	0	0	14.22	0	0	0	0	0	0	7.36	7.36
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2515.01	3.25	0	79.01	0	0.26	0	0	14.49	0	0	0	0	0	0	6.55	6.55
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2602.25	3.25	0	79.31	0	0.28	0	0	14.65	0	0	0	0	0	0	6.07	6.07
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2696.71	3.25	0	79.62	0	0.3	0	0	14.83	0	0	0	0	0	0	5.57	5.57
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2708.16	3.25	0	79.65	0	0.3	0	0	14.85	0	0	0	0	0	0	5.51	5.51
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2811.07	3.25	0	79.98	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2814.82	3.25	0	79.99	0	0.33	0	0	15.04	0	0	0	0	0	0	4.96	4.96
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2889.62	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.58	4.58
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2974.46	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.16	4.16
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3018.46	3.25	0	80.6	0	0.37	0	0	15.4	0	0	0	0	0	0	3.95	3.95
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3104.34	3.25	0	80.84	0	0.38	0	0	15.56	0	0	0	0	0	0	3.54	3.54
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3170.69	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.22	3.22
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3246	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.88	2.88
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1213.14	3.25	0	72.68	0	0.33	0	0	2.94	0	0	0	0	0	0	15.12	15.12
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1349.62	3.25	0	73.6	0	0.37	0	0	3.2	0	0	0	0	0	0	13.9	13.9
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1433.66	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1440.87	3.25	0	74.17	0	0.39	0	0	3.37	0	0	0	0	0	0	13.14	13.14
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1490.5	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	12.74	12.74
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1522.96	3.25	0	74.65	0	0.42	0	0	3.53	0	0	0	0	0	0	12.48	12.48
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1554.74	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	12.24	12.24
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1630.69	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	11.66	11.66
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1674.88	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1764.89	3.25	0	75.93	0	0.48	0	0	3.96	0	0	0	0	0	0	10.7	10.7
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1768.01	3.25	0	75.95	0	0.48	0	0	3.97	0	0	0	0	0	0	10.68	10.68
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3385.47	3.5	0	81.59	0	3.48	0	0	2.51	0	0	0	0	0	0	9.05	9.05
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1856.25	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	10.08	10.08
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1884.6	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.89	9.89
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1973.23	3.25	0	76.9	0	0.54	0	0	4.32	0	0	0	0	0	0	9.32	9.32
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2071.84	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.7	8.7

Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2171.42	3.25	0	77.73	0	0.59	0	0	4.65	0	0	0	0	0	0	8.1	8.1
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2297.95	3.25	0	78.23	0	0.62	0	0	4.86	0	0	0	0	0	0	7.36	7.36
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2375.97	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.93	6.93
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2517.79	3.25	0	79.02	0	0.68	0	0	5.22	0	0	0	0	0	0	6.16	6.16
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2599.27	3.25	0	79.3	0	0.7	0	0	5.34	0	0	0	0	0	0	5.73	5.73
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2693.41	3.25	0	79.61	0	0.73	0	0	5.49	0	0	0	0	0	0	5.25	5.25
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2711.98	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.16	5.16
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2807.05	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2818.31	3.25	0	80	0	0.76	0	0	5.68	0	0	0	0	0	0	4.63	4.63
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2886.47	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.31	4.31
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2971.52	3.25	0	80.46	0	0.8	0	0	5.92	0	0	0	0	0	0	3.9	3.9
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3021.78	3.25	0	80.61	0	0.81	0	0	5.99	0	0	0	0	0	0	3.67	3.67
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3108.06	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.28	3.28
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3166.63	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.01	3.01
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3242.17	3.25	0	81.22	0	0.86	0	0	6.31	0	0	0	0	0	0	2.68	2.68
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3380.2	3.77	0	81.58	0	-0.21	0	0	6.51	0	0	0	0	0	0	-0.9	-0.9

imit. Value D/N: 0 0

Level D/N: 29.418 29.418

Receiver: Existing Noise Receptor

ID: R54

X: 339207

Y: 4680928

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3298.09	4.15	0	81.37	0	-0.48	0	0	6.39	0	0	0	0	0	0	23.89	23.89
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1139.28	3.25	0	72.13	0	-0.18	0	0	11.35	0	0	0	0	0	0	17.01	17.01
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1271.75	3.25	0	73.09	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.62	15.62
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1357.41	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1361.15	3.25	0	73.68	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.75	14.75
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1409.89	3.25	0	73.98	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1455.14	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1477.28	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1557.58	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1615.71	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.53	12.53
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1687.66	3.25	0	75.55	0	0.03	0	0	12.77	0	0	0	0	0	0	11.96	11.96
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1697.13	3.25	0	75.59	0	0.04	0	0	12.8	0	0	0	0	0	0	11.89	11.89
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1795.24	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1814.53	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1901.09	3.25	0	76.58	0	0.1	0	0	13.25	0	0	0	0	0	0	10.38	10.38
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1992.84	3.25	0	76.99	0	0.13	0	0	13.45	0	0	0	0	0	0	9.75	9.75
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2094.78	3.25	0	77.42	0	0.16	0	0	13.66	0	0	0	0	0	0	9.07	9.07
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2222.79	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.27	8.27
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2303.97	3.25	0	78.25	0	0.21	0	0	14.08	0	0	0	0	0	0	7.77	7.77
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2447.95	3.25	0	78.78	0	0.25	0	0	14.36	0	0	0	0	0	0	6.93	6.93
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2537.95	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.43	6.43
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2629.31	3.25	0	79.4	0	0.29	0	0	14.7	0	0	0	0	0	0	5.93	5.93
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2646.89	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.83	5.83
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2749.42	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.29	5.29
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2752.56	3.25	0	79.79	0	0.31	0	0	14.93	0	0	0	0	0	0	5.28	5.28
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2827.94	3.25	0	80.03	0	0.33	0	0	15.06	0	0	0	0	0	0	4.89	4.89
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2909.66	3.25	0	80.28	0	0.34	0	0	15.21	0	0	0	0	0	0	4.48	4.48
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2959.39	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.23	4.23
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3041.73	3.25	0	80.66	0	0.37	0	0	15.45	0	0	0	0	0	0	3.83	3.83
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3112.73	3.25	0	80.86	0	0.38	0	0	15.57	0	0	0	0	0	0	3.5	3.5
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3184.88	3.25	0	81.06	0	0.4	0	0	15.7	0	0	0	0	0	0	3.16	3.16
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1142.41	3.25	0	72.16	0	0.32	0	0	2.8	0	0	0	0	0	0	15.8	15.8
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1274.33	3.25	0	73.11	0	0.35	0	0	3.06	0	0	0	0	0	0	14.56	14.56
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1358.55	3.25	0	73.66	0	0.37	0	0	3.22	0	0	0	0	0	0	13.82	13.82
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1363.82	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	13.78	13.78
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1411.99	3.25	0	74	0	0.39	0	0	3.32	0	0	0	0	0	0	13.37	13.37
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1458.2	3.25	0	74.28	0	0.4	0	0	3.41	0	0	0	0	0	0	12.99	12.99
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1479.9	3.25	0	74.4	0	0.4	0	0	3.45	0	0	0	0	0	0	12.82	12.82
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1560.18	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.19	12.19
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1611.88	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	11.8	11.8
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1689.82	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.23	11.23
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1699.93	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	11.16	11.16
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3321.75	3.5	0	81.43	0	3.47	0	0	2.48	0	0	0	0	0	0	9.26	9.26
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1792.14	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	10.51	10.51

Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1811.67	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.38	10.38
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1904.37	3.25	0	76.6	0	0.52	0	0	4.2	0	0	0	0	0	0	9.76	9.76
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1995.2	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	9.18	9.18
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2097.49	3.25	0	77.43	0	0.57	0	0	4.53	0	0	0	0	0	0	8.54	8.54
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2225.7	3.25	0	77.95	0	0.6	0	0	4.74	0	0	0	0	0	0	7.78	7.78
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2306.65	3.25	0	78.26	0	0.63	0	0	4.88	0	0	0	0	0	0	7.31	7.31
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2450.82	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.52	6.52
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2534.88	3.25	0	79.08	0	0.69	0	0	5.24	0	0	0	0	0	0	6.07	6.07
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2625.91	3.25	0	79.39	0	0.71	0	0	5.39	0	0	0	0	0	0	5.6	5.6
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2650.81	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.47	5.47
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2748.44	3.25	0	79.78	0	0.74	0	0	5.58	0	0	0	0	0	0	4.98	4.98
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2753.01	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.95	4.95
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2824.71	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.6	4.6
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2906.63	3.25	0	80.27	0	0.78	0	0	5.82	0	0	0	0	0	0	4.21	4.21
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2962.79	3.25	0	80.43	0	0.8	0	0	5.9	0	0	0	0	0	0	3.95	3.95
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3045.54	3.25	0	80.67	0	0.82	0	0	6.03	0	0	0	0	0	0	3.56	3.56
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3108.59	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.27	3.27
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3180.97	3.25	0	81.05	0	0.85	0	0	6.22	0	0	0	0	0	0	2.95	2.95
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3316.16	3.77	0	81.41	0	-0.23	0	0	6.42	0	0	0	0	0	0	-0.63	-0.63

imit. Value D/N: 0
0

Level D/N: 29.908
29.908

Receiver: Existing Noise Receptor
ID: R55
X: 339182
Y: 4680927
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3314.28	4.15	0	81.41	0	-0.47	0	0	6.42	0	0	0	0	0	0	23.82	23.82
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1153.29	3.25	0	72.24	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.86	16.86
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1283.52	3.25	0	73.17	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.5	15.5
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1364.27	3.25	0	73.7	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.72	14.72
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1375.47	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.62	14.62
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1419.7	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1471.33	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.75	13.75
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1489.23	3.25	0	74.46	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.59	13.59
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1571.56	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.89	12.89
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1632.53	3.25	0	75.26	0	0.01	0	0	12.65	0	0	0	0	0	0	12.4	12.4
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1699.45	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1712.06	3.25	0	75.67	0	0.04	0	0	12.83	0	0	0	0	0	0	11.77	11.77
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1811.65	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.02	11.02
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1827.48	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1915.66	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2003.7	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.68	9.68
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2107.07	3.25	0	77.47	0	0.16	0	0	13.68	0	0	0	0	0	0	8.99	8.99
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2235.87	3.25	0	77.99	0	0.19	0	0	13.94	0	0	0	0	0	0	8.19	8.19
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2318.3	3.25	0	78.3	0	0.21	0	0	14.11	0	0	0	0	0	0	7.69	7.69
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2463.18	3.25	0	78.83	0	0.25	0	0	14.39	0	0	0	0	0	0	6.85	6.85
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2554.13	3.25	0	79.14	0	0.27	0	0	14.56	0	0	0	0	0	0	6.34	6.34
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2644.4	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.85	5.85
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2664.03	3.25	0	79.51	0	0.29	0	0	14.77	0	0	0	0	0	0	5.74	5.74
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2765.21	3.25	0	79.83	0	0.32	0	0	14.95	0	0	0	0	0	0	5.21	5.21
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2770.49	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.18	5.18
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2844.94	3.25	0	80.08	0	0.33	0	0	15.1	0	0	0	0	0	0	4.8	4.8
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2925.64	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2977.15	3.25	0	80.48	0	0.36	0	0	15.33	0	0	0	0	0	0	4.15	4.15
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3058.42	3.25	0	80.71	0	0.37	0	0	15.48	0	0	0	0	0	0	3.75	3.75
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3130.79	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.41	3.41
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3202.03	3.25	0	81.11	0	0.4	0	0	15.73	0	0	0	0	0	0	3.08	3.08
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1156.51	3.25	0	72.26	0	0.32	0	0	2.83	0	0	0	0	0	0	15.66	15.66
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1286.19	3.25	0	73.19	0	0.35	0	0	3.08	0	0	0	0	0	0	14.45	14.45
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1365.5	3.25	0	73.71	0	0.37	0	0	3.23	0	0	0	0	0	0	13.76	13.76
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1378.2	3.25	0	73.79	0	0.38	0	0	3.26	0	0	0	0	0	0	13.66	13.66
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1421.89	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.29	13.29
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1474.44	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	12.86	12.86
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1491.93	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	12.73	12.73
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1574.21	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.09	12.09
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1628.66	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.68	11.68
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1701.66	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	11.15	11.15

	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1714.91	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.05	11.05
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3338.06	3.5	0	81.47	0	3.47	0	0	2.49	0	0	0	0	0	0	9.2	9.2
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1808.51	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1824.56	3.25	0	76.22	0	0.5	0	0	4.06	0	0	0	0	0	0	10.29	10.29
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1918.99	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	9.67	9.67
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2006.12	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.11	9.11
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2109.84	3.25	0	77.49	0	0.57	0	0	4.55	0	0	0	0	0	0	8.47	8.47
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2238.83	3.25	0	78	0	0.61	0	0	4.77	0	0	0	0	0	0	7.7	7.7
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2321.02	3.25	0	78.31	0	0.63	0	0	4.9	0	0	0	0	0	0	7.23	7.23
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2466.08	3.25	0	78.84	0	0.67	0	0	5.13	0	0	0	0	0	0	6.43	6.43
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2551.04	3.25	0	79.13	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2640.96	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.52	5.52
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2667.98	3.25	0	79.52	0	0.72	0	0	5.45	0	0	0	0	0	0	5.38	5.38
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2766.35	3.25	0	79.84	0	0.75	0	0	5.6	0	0	0	0	0	0	4.89	4.89
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2768.83	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.88	4.88
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2841.68	3.25	0	80.07	0	0.76	0	0	5.72	0	0	0	0	0	0	4.52	4.52
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2922.59	3.25	0	80.32	0	0.79	0	0	5.84	0	0	0	0	0	0	4.13	4.13
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2980.57	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.86	3.86
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3062.26	3.25	0	80.72	0	0.82	0	0	6.05	0	0	0	0	0	0	3.49	3.49
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3126.62	3.25	0	80.9	0	0.84	0	0	6.15	0	0	0	0	0	0	3.19	3.19
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3198.09	3.25	0	81.1	0	0.85	0	0	6.25	0	0	0	0	0	0	2.88	2.88
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3332.37	3.77	0	81.46	0	-0.22	0	0	6.44	0	0	0	0	0	0	-0.7	-0.7
imit. Value D/N:	0	0																									
Level D/N:	29.8116	29.8116																									

Receiver: Existing Noise Receptor
ID: R56
X: 339191
Y: 4680847
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3372.07	4.15	0	81.56	0	-0.46	0	0	6.5	0	0	0	0	0	0	23.58	23.58
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1217.16	3.25	0	72.71	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.18	16.18
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1351.98	3.25	0	73.62	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.84	14.84
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1438.53	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.04	14.04
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1439.93	3.25	0	74.17	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.03	14.03
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1491.46	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.57	13.57
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1529.48	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1557.31	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1635.35	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.37	12.37
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1688.74	3.25	0	75.55	0	0.03	0	0	12.78	0	0	0	0	0	0	11.95	11.95
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1767.8	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.35	11.35
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1773.52	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.3	11.3
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1869.04	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1893.49	3.25	0	76.55	0	0.1	0	0	13.23	0	0	0	0	0	0	10.43	10.43
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1977.96	3.25	0	76.92	0	0.12	0	0	13.42	0	0	0	0	0	0	9.85	9.85
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2073.69	3.25	0	77.33	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2174.39	3.25	0	77.75	0	0.18	0	0	13.82	0	0	0	0	0	0	8.57	8.57
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2301.55	3.25	0	78.24	0	0.21	0	0	14.07	0	0	0	0	0	0	7.79	7.79
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2381.11	3.25	0	78.54	0	0.23	0	0	14.23	0	0	0	0	0	0	7.32	7.32
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2523.71	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.51	6.51
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2612.01	3.25	0	79.34	0	0.28	0	0	14.67	0	0	0	0	0	0	6.02	6.02
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2705.29	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2719	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.45	5.45
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2822.81	3.25	0	80.01	0	0.33	0	0	15.06	0	0	0	0	0	0	4.92	4.92
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2824.19	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2900.33	3.25	0	80.25	0	0.34	0	0	15.19	0	0	0	0	0	0	4.53	4.53
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2984.06	3.25	0	80.5	0	0.36	0	0	15.34	0	0	0	0	0	0	4.11	4.11
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3030.04	3.25	0	80.63	0	0.37	0	0	15.43	0	0	0	0	0	0	3.89	3.89
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3114.73	3.25	0	80.87	0	0.38	0	0	15.57	0	0	0	0	0	0	3.49	3.49
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3182.63	3.25	0	81.06	0	0.4	0	0	15.69	0	0	0	0	0	0	3.17	3.17
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3256.91	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.83	2.83
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1220.16	3.25	0	72.73	0	0.34	0	0	2.96	0	0	0	0	0	0	15.06	15.06
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1354.47	3.25	0	73.64	0	0.37	0	0	3.21	0	0	0	0	0	0	13.86	13.86
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1441.06	3.25	0	74.17	0	0.39	0	0	3.38	0	0	0	0	0	0	13.13	13.13
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1441.11	3.25	0	74.17	0	0.39	0	0	3.38	0	0	0	0	0	0	13.13	13.13
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1493.51	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	12.71	12.71
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1532.45	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1559.86	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.2	12.2

Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1637.88	3.25	0	75.29	0	0.45	0	0	3.73	0	0	0	0	0	0	11.61	11.61
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1685.03	3.25	0	75.53	0	0.46	0	0	3.82	0	0	0	0	0	0	11.27	11.27
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1769.9	3.25	0	75.96	0	0.48	0	0	3.97	0	0	0	0	0	0	10.67	10.67
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1776.25	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.62	10.62
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3395.48	3.5	0	81.62	0	3.48	0	0	2.52	0	0	0	0	0	0	9.01	9.01
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1866.02	3.25	0	76.42	0	0.51	0	0	4.14	0	0	0	0	0	0	10.01	10.01
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1890.7	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1981.16	3.25	0	76.94	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2076.01	3.25	0	77.34	0	0.56	0	0	4.5	0	0	0	0	0	0	8.67	8.67
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2177.05	3.25	0	77.76	0	0.59	0	0	4.66	0	0	0	0	0	0	8.06	8.06
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2304.41	3.25	0	78.25	0	0.62	0	0	4.87	0	0	0	0	0	0	7.33	7.33
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2383.74	3.25	0	78.55	0	0.65	0	0	5	0	0	0	0	0	0	6.88	6.88
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2526.53	3.25	0	79.05	0	0.68	0	0	5.23	0	0	0	0	0	0	6.11	6.11
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2609	3.25	0	79.33	0	0.7	0	0	5.36	0	0	0	0	0	0	5.68	5.68
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2701.95	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.21	5.21
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2722.85	3.25	0	79.7	0	0.73	0	0	5.54	0	0	0	0	0	0	5.1	5.1
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2818.77	3.25	0	80	0	0.76	0	0	5.68	0	0	0	0	0	0	4.63	4.63
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2827.71	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.59	4.59
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2897.15	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.26	4.26
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2981.08	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.86	3.86
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3033.38	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.62	3.62
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3118.48	3.25	0	80.88	0	0.83	0	0	6.13	0	0	0	0	0	0	3.23	3.23
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3178.55	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.96	2.96
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3253.05	3.25	0	81.25	0	0.87	0	0	6.33	0	0	0	0	0	0	2.63	2.63
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3390.09	3.77	0	81.6	0	-0.21	0	0	6.53	0	0	0	0	0	0	-0.95	-0.95

imit. Value D/N: 0 0

Level D/N: 29.3709 29.3709

Receiver: Existing Noise Receptor

ID: R57

X: 339171

Y: 4680843

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3387.38	4.15	0	81.6	0	-0.46	0	0	6.52	0	0	0	0	0	0	23.51	23.51
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1230.7	3.25	0	72.8	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.04	16.04
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1363.99	3.25	0	73.7	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.72	14.72
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1448.44	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.95	13.95
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1452.34	3.25	0	74.24	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.92	13.92
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1502.11	3.25	0	74.53	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.48	13.48
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1544.6	3.25	0	74.78	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.12	13.12
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1569.48	3.25	0	74.92	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.91	12.91
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1648.97	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.26	12.26
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1704.33	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1779.89	3.25	0	76.01	0	0.06	0	0	12.98	0	0	0	0	0	0	11.26	11.26
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1787.82	3.25	0	76.05	0	0.07	0	0	13	0	0	0	0	0	0	11.2	11.2
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1884.38	3.25	0	76.5	0	0.1	0	0	13.21	0	0	0	0	0	0	10.5	10.5
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1906.42	3.25	0	76.6	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1992.04	3.25	0	76.99	0	0.13	0	0	13.45	0	0	0	0	0	0	9.75	9.75
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2085.15	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.14	9.14
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2186.88	3.25	0	77.8	0	0.18	0	0	13.85	0	0	0	0	0	0	8.49	8.49
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2314.62	3.25	0	78.29	0	0.21	0	0	14.1	0	0	0	0	0	0	7.71	7.71
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2395.07	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.24	7.24
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2538.31	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.42	6.42
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2627.27	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.94	5.94
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2719.8	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.45	5.45
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2734.92	3.25	0	79.74	0	0.31	0	0	14.9	0	0	0	0	0	0	5.37	5.37
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2839.19	3.25	0	80.06	0	0.33	0	0	15.09	0	0	0	0	0	0	4.83	4.83
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2839.28	3.25	0	80.06	0	0.33	0	0	15.09	0	0	0	0	0	0	4.83	4.83
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2916.17	3.25	0	80.3	0	0.35	0	0	15.22	0	0	0	0	0	0	4.45	4.45
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2999.2	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3046.41	3.25	0	80.68	0	0.37	0	0	15.45	0	0	0	0	0	0	3.81	3.81
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3130.38	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.41	3.41
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3199.2	3.25	0	81.1	0	0.4	0	0	15.72	0	0	0	0	0	0	3.09	3.09
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3272.88	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.75	2.75
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1233.77	3.25	0	72.82	0	0.34	0	0	2.98	0	0	0	0	0	0	14.93	14.93
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1366.55	3.25	0	73.71	0	0.37	0	0	3.24	0	0	0	0	0	0	13.75	13.75
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1449.64	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1454.97	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.02	13.02

Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1504.22	3.25	0	74.55	0	0.41	0	0	3.49	0	0	0	0	0	0	12.63	12.63
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1547.6	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.29	12.29
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1572.09	3.25	0	74.93	0	0.43	0	0	3.62	0	0	0	0	0	0	12.1	12.1
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1651.53	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1700.58	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	11.16	11.16
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1782.03	3.25	0	76.02	0	0.48	0	0	3.99	0	0	0	0	0	0	10.58	10.58
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1790.58	3.25	0	76.06	0	0.49	0	0	4.01	0	0	0	0	0	0	10.52	10.52
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3410.88	3.5	0	81.66	0	3.48	0	0	2.53	0	0	0	0	0	0	8.96	8.96
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1881.33	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	9.91	9.91
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1903.59	3.25	0	76.59	0	0.52	0	0	4.2	0	0	0	0	0	0	9.77	9.77
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1995.28	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	9.18	9.18
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2087.51	3.25	0	77.39	0	0.57	0	0	4.51	0	0	0	0	0	0	8.6	8.6
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2189.58	3.25	0	77.81	0	0.59	0	0	4.68	0	0	0	0	0	0	7.99	7.99
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2317.51	3.25	0	78.3	0	0.63	0	0	4.89	0	0	0	0	0	0	7.25	7.25
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2397.72	3.25	0	78.6	0	0.65	0	0	5.02	0	0	0	0	0	0	6.81	6.81
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2541.15	3.25	0	79.1	0	0.69	0	0	5.25	0	0	0	0	0	0	6.04	6.04
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2624.25	3.25	0	79.38	0	0.71	0	0	5.38	0	0	0	0	0	0	5.6	5.6
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2716.43	3.25	0	79.68	0	0.73	0	0	5.53	0	0	0	0	0	0	5.14	5.14
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2738.8	3.25	0	79.75	0	0.74	0	0	5.56	0	0	0	0	0	0	5.03	5.03
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2835.22	3.25	0	80.05	0	0.76	0	0	5.71	0	0	0	0	0	0	4.55	4.55
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2842.74	3.25	0	80.07	0	0.76	0	0	5.72	0	0	0	0	0	0	4.52	4.52
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2912.97	3.25	0	80.29	0	0.78	0	0	5.83	0	0	0	0	0	0	4.18	4.18
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2996.21	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.79	3.79
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3049.77	3.25	0	80.69	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3134.15	3.25	0	80.92	0	0.84	0	0	6.16	0	0	0	0	0	0	3.16	3.16
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3195.1	3.25	0	81.09	0	0.85	0	0	6.25	0	0	0	0	0	0	2.89	2.89
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3269	3.25	0	81.29	0	0.87	0	0	6.35	0	0	0	0	0	0	2.56	2.56
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3405.42	3.77	0	81.64	0	-0.2	0	0	6.55	0	0	0	0	0	0	-1.01	-1.01
imit. Value D/N:	0																								
Level D/N:	29.2805	29.2805																							

Receiver: Existing Noise Receptor
ID: R58
X: 339143
Y: 4680911
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3351.03	4.15	0	81.5	0	-0.47	0	0	6.47	0	0	0	0	0	0	23.67	23.67
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1187.9	3.25	0	72.5	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.49	16.49
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1315.43	3.25	0	73.38	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.19	15.19
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1389.72	3.25	0	73.86	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.48	14.48
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1410.35	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1449.08	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.95	13.95
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1508.24	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.43	13.43
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1521.27	3.25	0	74.64	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.32	13.32
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1606	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1670.08	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1731.24	3.25	0	75.77	0	0.05	0	0	12.87	0	0	0	0	0	0	11.62	11.62
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1747.56	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	11.5	11.5
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1848.74	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1860.67	3.25	0	76.39	0	0.09	0	0	13.16	0	0	0	0	0	0	10.67	10.67
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1950.72	3.25	0	76.8	0	0.12	0	0	13.36	0	0	0	0	0	0	10.04	10.04
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2034.26	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2139.42	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2269.15	3.25	0	78.12	0	0.2	0	0	14.01	0	0	0	0	0	0	7.98	7.98
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2353.05	3.25	0	78.43	0	0.22	0	0	14.18	0	0	0	0	0	0	7.48	7.48
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2498.92	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2590.92	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.14	6.14
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2679.98	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2701.81	3.25	0	79.63	0	0.3	0	0	14.83	0	0	0	0	0	0	5.54	5.54
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2801.56	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2809.04	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2882.56	3.25	0	80.2	0	0.34	0	0	15.16	0	0	0	0	0	0	4.61	4.61
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2962.18	3.25	0	80.43	0	0.35	0	0	15.31	0	0	0	0	0	0	4.22	4.22
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3015.53	3.25	0	80.59	0	0.36	0	0	15.4	0	0	0	0	0	0	3.96	3.96
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3095.72	3.25	0	80.82	0	0.38	0	0	15.54	0	0	0	0	0	0	3.58	3.58
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3169.45	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.23	3.23
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3239.79	3.25	0	81.21	0	0.41	0	0	15.79	0	0	0	0	0	0	2.91	2.91
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1191.22	3.25	0	72.52	0	0.33	0	0	2.9	0	0	0	0	0	0	15.33	15.33

Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1318.2	3.25	0	73.4	0	0.36	0	0	3.14	0	0	0	0	0	0	14.17	14.17
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1391.06	3.25	0	73.87	0	0.38	0	0	3.28	0	0	0	0	0	0	13.55	13.55
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1413.15	3.25	0	74	0	0.39	0	0	3.32	0	0	0	0	0	0	13.36	13.36
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1451.39	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1511.4	3.25	0	74.59	0	0.41	0	0	3.5	0	0	0	0	0	0	12.57	12.57
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1524.07	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1608.72	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.83	11.83
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1666.15	3.25	0	75.43	0	0.45	0	0	3.79	0	0	0	0	0	0	11.4	11.4
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1733.53	3.25	0	75.78	0	0.47	0	0	3.9	0	0	0	0	0	0	10.92	10.92
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1750.46	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	10.8	10.8
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3374.95	3.5	0	81.57	0	3.48	0	0	2.51	0	0	0	0	0	0	9.08	9.08
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1845.55	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.15	10.15
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1857.67	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.07	10.07
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1954.11	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	9.44	9.44
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2036.76	3.25	0	77.18	0	0.55	0	0	4.43	0	0	0	0	0	0	8.92	8.92
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2142.26	3.25	0	77.62	0	0.58	0	0	4.61	0	0	0	0	0	0	8.27	8.27
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2272.17	3.25	0	78.13	0	0.62	0	0	4.82	0	0	0	0	0	0	7.51	7.51
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2355.82	3.25	0	78.44	0	0.64	0	0	4.96	0	0	0	0	0	0	7.04	7.04
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2501.86	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.24	6.24
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2587.8	3.25	0	79.26	0	0.7	0	0	5.33	0	0	0	0	0	0	5.79	5.79
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2676.5	3.25	0	79.55	0	0.72	0	0	5.47	0	0	0	0	0	0	5.34	5.34
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2705.79	3.25	0	79.65	0	0.73	0	0	5.51	0	0	0	0	0	0	5.19	5.19
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2804.87	3.25	0	79.96	0	0.76	0	0	5.66	0	0	0	0	0	0	4.7	4.7
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2805.22	3.25	0	79.96	0	0.76	0	0	5.66	0	0	0	0	0	0	4.7	4.7
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2879.28	3.25	0	80.19	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2959.11	3.25	0	80.42	0	0.79	0	0	5.9	0	0	0	0	0	0	3.96	3.96
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3018.97	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.68	3.68
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3099.59	3.25	0	80.83	0	0.83	0	0	6.11	0	0	0	0	0	0	3.32	3.32
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3165.26	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3235.82	3.25	0	81.2	0	0.86	0	0	6.3	0	0	0	0	0	0	2.71	2.71
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3369.14	3.77	0	81.55	0	-0.21	0	0	6.5	0	0	0	0	0	0	-0.86	-0.86
imit. Value D/N:	0	0																							
Level D/N:	29.5749	29.5749																							

Receiver: Existing Noise Receptor
ID: R59
X: 339150
Y: 4680842
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3400.98	4.15	0	81.63	0	-0.46	0	0	6.54	0	0	0	0	0	0	23.46	23.46
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1242.38	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.92	15.92
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1373.94	3.25	0	73.76	0	-0.08	0	0	12	0	0	0	0	0	0	14.63	14.63
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1454.54	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1464.3	3.25	0	74.31	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.81	13.81
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1510.52	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1558.06	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1579.58	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.83	12.83
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1660.68	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1718.33	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.72	11.72
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1789.87	3.25	0	76.06	0	0.07	0	0	13.01	0	0	0	0	0	0	11.18	11.18
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1800.3	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1898.06	3.25	0	76.57	0	0.1	0	0	13.24	0	0	0	0	0	0	10.4	10.4
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1917.34	3.25	0	76.65	0	0.11	0	0	13.29	0	0	0	0	0	0	10.27	10.27
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2004.26	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2094.39	3.25	0	77.42	0	0.16	0	0	13.66	0	0	0	0	0	0	9.08	9.08
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2197.28	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2325.65	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.64	7.64
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2407.12	3.25	0	78.63	0	0.24	0	0	14.28	0	0	0	0	0	0	7.17	7.17
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2551.09	3.25	0	79.13	0	0.27	0	0	14.55	0	0	0	0	0	0	6.35	6.35
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2640.84	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2732.47	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.38	5.38
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2749.27	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.29	5.29
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2852.45	3.25	0	80.1	0	0.33	0	0	15.11	0	0	0	0	0	0	4.77	4.77
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2854.29	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.76	4.76
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2930.42	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.38	4.38
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3012.62	3.25	0	80.58	0	0.36	0	0	15.39	0	0	0	0	0	0	3.97	3.97
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3061.28	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3144.38	3.25	0	80.95	0	0.39	0	0	15.63	0	0	0	0	0	0	3.35	3.35

Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3214.33	3.25	0	81.14	0	0.4	0	0	15.75	0	0	0	0	0	0	3.02	3.02
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3287.26	3.25	0	81.34	0	0.41	0	0	15.87	0	0	0	0	0	0	2.69	2.69
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1245.52	3.25	0	72.91	0	0.34	0	0	3.01	0	0	0	0	0	0	14.82	14.82
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1376.57	3.25	0	73.78	0	0.38	0	0	3.25	0	0	0	0	0	0	13.67	13.67
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1455.81	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.01	13.01
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1466.98	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	12.92	12.92
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1512.71	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	12.56	12.56
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1561.11	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	12.19	12.19
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1582.24	3.25	0	74.99	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1663.29	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1714.53	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.06	11.06
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1792.06	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	10.51	10.51
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1803.1	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3424.59	3.5	0	81.69	0	3.48	0	0	2.53	0	0	0	0	0	0	8.92	8.92
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1894.98	3.25	0	76.55	0	0.52	0	0	4.19	0	0	0	0	0	0	9.82	9.82
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1914.45	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.69	9.69
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2007.54	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.1	9.1
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2096.81	3.25	0	77.43	0	0.57	0	0	4.53	0	0	0	0	0	0	8.55	8.55
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2200.03	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2328.58	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.19	7.19
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2409.81	3.25	0	78.64	0	0.65	0	0	5.04	0	0	0	0	0	0	6.74	6.74
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2553.96	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.97	5.97
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2637.79	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.53	5.53
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2729.08	3.25	0	79.72	0	0.74	0	0	5.55	0	0	0	0	0	0	5.07	5.07
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2753.17	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.95	4.95
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2850.2	3.25	0	80.1	0	0.77	0	0	5.73	0	0	0	0	0	0	4.48	4.48
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2856.03	3.25	0	80.12	0	0.77	0	0	5.74	0	0	0	0	0	0	4.45	4.45
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2927.2	3.25	0	80.33	0	0.79	0	0	5.85	0	0	0	0	0	0	4.11	4.11
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3009.61	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.73	3.73
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3064.66	3.25	0	80.73	0	0.82	0	0	6.05	0	0	0	0	0	0	3.47	3.47
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3148.18	3.25	0	80.96	0	0.84	0	0	6.18	0	0	0	0	0	0	3.1	3.1
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3210.21	3.25	0	81.13	0	0.86	0	0	6.27	0	0	0	0	0	0	2.82	2.82
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3283.36	3.25	0	81.33	0	0.87	0	0	6.37	0	0	0	0	0	0	2.5	2.5
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3419.04	3.77	0	81.68	0	-0.2	0	0	6.57	0	0	0	0	0	0	-1.07	-1.07

imit. Value D/N: 0 0

Level D/N: 29.2036 29.2036

Receiver: Existing Noise Receptor
ID: R60
X: 339126
Y: 4680849
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3410.21	4.15	0	81.66	0	-0.45	0	0	6.56	0	0	0	0	0	0	23.42	23.42
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1249.16	3.25	0	72.93	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.85	15.85
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1378.34	3.25	0	73.79	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.59	14.59
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1454	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1471.4	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.75	13.75
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1512.89	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.39	13.39
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1567.25	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1584.13	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.79	12.79
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1667.4	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1728.26	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.65	11.65
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1794.23	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.15	11.15
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1808.07	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1907.52	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1922.92	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.23	10.23
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2011.62	3.25	0	77.07	0	0.13	0	0	13.49	0	0	0	0	0	0	9.62	9.62
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2097.74	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.06	9.06
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2202.14	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.39	8.39
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2331.36	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.61	7.61
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2414.22	3.25	0	78.66	0	0.24	0	0	14.29	0	0	0	0	0	0	7.13	7.13
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2559.2	3.25	0	79.16	0	0.27	0	0	14.57	0	0	0	0	0	0	6.31	6.31
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2650.06	3.25	0	79.47	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2740.41	3.25	0	79.76	0	0.31	0	0	14.91	0	0	0	0	0	0	5.34	5.34
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2759.63	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.24	5.24
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2861.21	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.72	4.72
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2865.6	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.7	4.7
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2940.6	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.33	4.33

Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3021.61	3.25	0	80.6	0	0.37	0	0	15.41	0	0	0	0	0	0	3.93	3.93
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3072.39	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3154.21	3.25	0	80.98	0	0.39	0	0	15.64	0	0	0	0	0	0	3.3	3.3
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3225.81	3.25	0	81.17	0	0.4	0	0	15.77	0	0	0	0	0	0	2.97	2.97
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3297.63	3.25	0	81.36	0	0.42	0	0	15.89	0	0	0	0	0	0	2.64	2.64
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1252.4	3.25	0	72.95	0	0.34	0	0	3.02	0	0	0	0	0	0	14.76	14.76
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1381.07	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	13.63	13.63
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1455.35	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.02	13.02
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1474.14	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	12.87	12.87
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1515.17	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	12.54	12.54
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1570.35	3.25	0	74.92	0	0.43	0	0	3.61	0	0	0	0	0	0	12.12	12.12
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1586.88	3.25	0	75.01	0	0.43	0	0	3.64	0	0	0	0	0	0	11.99	11.99
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1670.07	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1724.4	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	10.99	10.99
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1796.48	3.25	0	76.09	0	0.49	0	0	4.02	0	0	0	0	0	0	10.48	10.48
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1810.92	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3433.97	3.5	0	81.72	0	3.49	0	0	2.54	0	0	0	0	0	0	8.89	8.89
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1904.39	3.25	0	76.6	0	0.52	0	0	4.2	0	0	0	0	0	0	9.76	9.76
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1919.97	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	9.66	9.66
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2014.96	3.25	0	77.09	0	0.55	0	0	4.39	0	0	0	0	0	0	9.05	9.05
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2100.22	3.25	0	77.45	0	0.57	0	0	4.54	0	0	0	0	0	0	8.53	8.53
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2204.95	3.25	0	77.87	0	0.6	0	0	4.71	0	0	0	0	0	0	7.9	7.9
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2334.34	3.25	0	78.36	0	0.63	0	0	4.92	0	0	0	0	0	0	7.16	7.16
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2416.95	3.25	0	78.67	0	0.65	0	0	5.06	0	0	0	0	0	0	6.7	6.7
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2562.1	3.25	0	79.17	0	0.69	0	0	5.29	0	0	0	0	0	0	5.93	5.93
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2646.98	3.25	0	79.46	0	0.71	0	0	5.42	0	0	0	0	0	0	5.49	5.49
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2736.97	3.25	0	79.75	0	0.74	0	0	5.56	0	0	0	0	0	0	5.03	5.03
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2763.56	3.25	0	79.83	0	0.74	0	0	5.6	0	0	0	0	0	0	4.9	4.9
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2861.49	3.25	0	80.13	0	0.77	0	0	5.75	0	0	0	0	0	0	4.43	4.43
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2864.82	3.25	0	80.14	0	0.77	0	0	5.75	0	0	0	0	0	0	4.41	4.41
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2937.36	3.25	0	80.36	0	0.79	0	0	5.86	0	0	0	0	0	0	4.06	4.06
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3018.56	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.69	3.69
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3075.8	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3158.04	3.25	0	80.99	0	0.84	0	0	6.19	0	0	0	0	0	0	3.05	3.05
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3221.66	3.25	0	81.16	0	0.86	0	0	6.28	0	0	0	0	0	0	2.77	2.77
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3293.7	3.25	0	81.35	0	0.88	0	0	6.39	0	0	0	0	0	0	2.46	2.46
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3428.29	3.77	0	81.7	0	-0.2	0	0	6.58	0	0	0	0	0	0	-1.11	-1.11
imit. Value D/N:	0	0																							
Level D/N:	29.1604	29.1604																							

Receiver: Existing Noise Receptor
ID: R61
X: 339115
Y: 4680927
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3356.11	4.15	0	81.52	0	-0.46	0	0	6.48	0	0	0	0	0	0	23.65	23.65
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1190.43	3.25	0	72.51	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.46	16.46
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1314.55	3.25	0	73.38	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.2	15.2
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1382.15	3.25	0	73.81	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.56	14.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1413.12	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.27	14.27
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1445.36	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.98	13.98
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1513.86	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1520.46	3.25	0	74.64	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.32	13.32
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1608.11	3.25	0	75.13	0	0.01	0	0	12.59	0	0	0	0	0	0	12.59	12.59
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1676.65	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1730.06	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1751.04	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.47	11.47
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1854.54	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1861.11	3.25	0	76.4	0	0.09	0	0	13.16	0	0	0	0	0	0	10.66	10.66
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1953.56	3.25	0	76.82	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2031.61	3.25	0	77.16	0	0.14	0	0	13.53	0	0	0	0	0	0	9.49	9.49
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2138.77	3.25	0	77.6	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2269.61	3.25	0	78.12	0	0.2	0	0	14.01	0	0	0	0	0	0	7.98	7.98
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2355.39	3.25	0	78.44	0	0.22	0	0	14.18	0	0	0	0	0	0	7.47	7.47
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2502.61	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2596.14	3.25	0	79.29	0	0.28	0	0	14.64	0	0	0	0	0	0	6.11	6.11
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2683.4	3.25	0	79.57	0	0.3	0	0	14.8	0	0	0	0	0	0	5.64	5.64
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2708.59	3.25	0	79.65	0	0.3	0	0	14.85	0	0	0	0	0	0	5.51	5.51

Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2806.09	3.25	0	79.96	0	0.32	0	0	15.03	0	0	0	0	0	0	5	5
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2817.17	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2889.07	3.25	0	80.22	0	0.34	0	0	15.17	0	0	0	0	0	0	4.58	4.58
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2966.99	3.25	0	80.45	0	0.36	0	0	15.31	0	0	0	0	0	0	4.2	4.2
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3023.32	3.25	0	80.61	0	0.37	0	0	15.41	0	0	0	0	0	0	3.92	3.92
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3101.68	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.55	3.55
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3177.74	3.25	0	81.04	0	0.4	0	0	15.68	0	0	0	0	0	0	3.19	3.19
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3246.49	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.87	2.87
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1193.88	3.25	0	72.54	0	0.33	0	0	2.91	0	0	0	0	0	0	15.3	15.3
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1317.46	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.18	14.18
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1383.6	3.25	0	73.82	0	0.38	0	0	3.27	0	0	0	0	0	0	13.61	13.61
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1416.02	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.34	13.34
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1447.78	3.25	0	74.21	0	0.4	0	0	3.39	0	0	0	0	0	0	13.08	13.08
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1517.11	3.25	0	74.62	0	0.41	0	0	3.52	0	0	0	0	0	0	12.53	12.53
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1523.37	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.48	12.48
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1610.92	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1672.64	3.25	0	75.47	0	0.46	0	0	3.8	0	0	0	0	0	0	11.36	11.36
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1732.43	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	10.93	10.93
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1754.02	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3380.24	3.5	0	81.58	0	3.48	0	0	2.51	0	0	0	0	0	0	9.06	9.06
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1851.29	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1858.02	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.07	10.07
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1957.04	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	9.42	9.42
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2034.2	3.25	0	77.17	0	0.55	0	0	4.42	0	0	0	0	0	0	8.93	8.93
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2141.69	3.25	0	77.62	0	0.58	0	0	4.61	0	0	0	0	0	0	8.27	8.27
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2272.71	3.25	0	78.13	0	0.62	0	0	4.82	0	0	0	0	0	0	7.51	7.51
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2358.21	3.25	0	78.45	0	0.64	0	0	4.96	0	0	0	0	0	0	7.03	7.03
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2505.6	3.25	0	78.98	0	0.68	0	0	5.2	0	0	0	0	0	0	6.22	6.22
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2592.97	3.25	0	79.28	0	0.7	0	0	5.33	0	0	0	0	0	0	5.77	5.77
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2679.86	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.32	5.32
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2712.62	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.16	5.16
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2809.8	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.68	4.68
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2812.95	3.25	0	79.98	0	0.76	0	0	5.68	0	0	0	0	0	0	4.66	4.66
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2885.75	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.31	4.31
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2963.87	3.25	0	80.44	0	0.8	0	0	5.9	0	0	0	0	0	0	3.94	3.94
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3026.8	3.25	0	80.62	0	0.81	0	0	6	0	0	0	0	0	0	3.65	3.65
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3105.59	3.25	0	80.84	0	0.83	0	0	6.11	0	0	0	0	0	0	3.29	3.29
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3173.51	3.25	0	81.03	0	0.85	0	0	6.21	0	0	0	0	0	0	2.98	2.98
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3242.47	3.25	0	81.22	0	0.86	0	0	6.31	0	0	0	0	0	0	2.68	2.68
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3374.25	3.77	0	81.56	0	-0.21	0	0	6.5	0	0	0	0	0	0	-0.88	-0.88
imit. Value D/N:	0	0																							
Level D/N:	29.5635	29.5635																							

Receiver: Existing Noise Receptor
ID: R62
X: 339098
Y: 4680851
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3426	4.15	0	81.7	0	-0.45	0	0	6.58	0	0	0	0	0	0	23.35	23.35
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1262.78	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1389.47	3.25	0	73.86	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.49	14.49
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1459.83	3.25	0	74.29	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1485.26	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.63	13.63
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1521.84	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1583.18	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1595.36	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1680.83	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1744.89	3.25	0	75.84	0	0.05	0	0	12.9	0	0	0	0	0	0	11.52	11.52
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1805.2	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1822.53	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1923.65	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1935.15	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.14	10.14
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2025.65	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.53	9.53
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2107.6	3.25	0	77.48	0	0.16	0	0	13.69	0	0	0	0	0	0	8.99	8.99
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2213.58	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2343.65	3.25	0	78.4	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2427.93	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.05	7.05
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2573.92	3.25	0	79.21	0	0.27	0	0	14.6	0	0	0	0	0	0	6.23	6.23

Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2665.89	3.25	0	79.52	0	0.29	0	0	14.77	0	0	0	0	0	0	5.73	5.73
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2754.95	3.25	0	79.8	0	0.31	0	0	14.93	0	0	0	0	0	0	5.26	5.26
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2776.56	3.25	0	79.87	0	0.32	0	0	14.97	0	0	0	0	0	0	5.15	5.15
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2876.56	3.25	0	80.18	0	0.34	0	0	15.15	0	0	0	0	0	0	4.64	4.64
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2883.47	3.25	0	80.2	0	0.34	0	0	15.16	0	0	0	0	0	0	4.61	4.61
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2957.37	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3037.17	3.25	0	80.65	0	0.37	0	0	15.44	0	0	0	0	0	0	3.86	3.86
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3090.05	3.25	0	80.8	0	0.38	0	0	15.53	0	0	0	0	0	0	3.6	3.6
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3170.6	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.22	3.22
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3243.83	3.25	0	81.22	0	0.41	0	0	15.8	0	0	0	0	0	0	2.89	2.89
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3314.55	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.57	2.57
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1266.11	3.25	0	73.05	0	0.35	0	0	3.04	0	0	0	0	0	0	14.63	14.63
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1392.3	3.25	0	73.87	0	0.38	0	0	3.28	0	0	0	0	0	0	13.54	13.54
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1461.26	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1488.08	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	12.76	12.76
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1524.22	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.47	12.47
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1586.33	3.25	0	75.01	0	0.43	0	0	3.64	0	0	0	0	0	0	11.99	11.99
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1598.19	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.91	11.91
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1683.57	3.25	0	75.52	0	0.46	0	0	3.82	0	0	0	0	0	0	11.28	11.28
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1740.98	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	10.87	10.87
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1807.52	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.41	10.41
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3449.9	3.5	0	81.76	0	3.49	0	0	2.55	0	0	0	0	0	0	8.84	8.84
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1825.44	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.29	10.29
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1920.47	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	9.66	9.66
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1932.14	3.25	0	76.72	0	0.53	0	0	4.25	0	0	0	0	0	0	9.58	9.58
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2029.05	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2110.15	3.25	0	77.49	0	0.57	0	0	4.55	0	0	0	0	0	0	8.46	8.46
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2216.45	3.25	0	77.91	0	0.6	0	0	4.73	0	0	0	0	0	0	7.83	7.83
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2346.69	3.25	0	78.41	0	0.64	0	0	4.94	0	0	0	0	0	0	7.09	7.09
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2430.7	3.25	0	78.71	0	0.66	0	0	5.08	0	0	0	0	0	0	6.63	6.63
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2576.86	3.25	0	79.22	0	0.7	0	0	5.31	0	0	0	0	0	0	5.85	5.85
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2662.77	3.25	0	79.51	0	0.72	0	0	5.44	0	0	0	0	0	0	5.41	5.41
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2751.47	3.25	0	79.79	0	0.74	0	0	5.58	0	0	0	0	0	0	4.96	4.96
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2780.54	3.25	0	79.88	0	0.75	0	0	5.63	0	0	0	0	0	0	4.82	4.82
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2879.32	3.25	0	80.19	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2880.21	3.25	0	80.19	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2954.09	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3034.1	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3093.48	3.25	0	80.81	0	0.83	0	0	6.1	0	0	0	0	0	0	3.34	3.34
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3174.46	3.25	0	81.03	0	0.85	0	0	6.22	0	0	0	0	0	0	2.98	2.98
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3239.65	3.25	0	81.21	0	0.86	0	0	6.31	0	0	0	0	0	0	2.69	2.69
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3310.59	3.25	0	81.4	0	0.88	0	0	6.41	0	0	0	0	0	0	2.38	2.38
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3444.11	3.77	0	81.74	0	-0.2	0	0	6.6	0	0	0	0	0	0	-1.17	-1.17
imit. Value D/N:	0	0																							
Level D/N:	29.0735	29.0735																							

Receiver: Existing Noise Receptor
ID: R63
X: 339080
Y: 4680929
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3376.75	4.15	0	81.57	0	-0.46	0	0	6.51	0	0	0	0	0	0	23.56	23.56
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1209.24	3.25	0	72.65	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.26	16.26
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1330.08	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.05	15.05
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1390.78	3.25	0	73.87	0	-0.08	0	0	12.05	0	0	0	0	0	0	14.48	14.48
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1432.03	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1457.99	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1535.27	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1535.95	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1626.35	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.45	12.45
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1698.83	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1745.12	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1770.49	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.33	11.33
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1876.01	3.25	0	76.46	0	0.09	0	0	13.2	0	0	0	0	0	0	10.56	10.56
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1877.68	3.25	0	76.47	0	0.09	0	0	13.2	0	0	0	0	0	0	10.55	10.55
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1972.37	3.25	0	76.9	0	0.12	0	0	13.4	0	0	0	0	0	0	9.89	9.89
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2045.12	3.25	0	77.21	0	0.14	0	0	13.56	0	0	0	0	0	0	9.4	9.4
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2154.24	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.69	8.69

Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2286.12	3.25	0	78.18	0	0.21	0	0	14.04	0	0	0	0	0	0	7.88	7.88
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2373.64	3.25	0	78.51	0	0.23	0	0	14.22	0	0	0	0	0	0	7.36	7.36
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2522.09	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.51	6.51
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2616.97	3.25	0	79.36	0	0.28	0	0	14.68	0	0	0	0	0	0	5.99	5.99
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2702.6	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.54	5.54
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2730.76	3.25	0	79.73	0	0.31	0	0	14.89	0	0	0	0	0	0	5.39	5.39
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2826.28	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.9	4.9
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2840.46	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.83	4.83
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2910.99	3.25	0	80.28	0	0.34	0	0	15.21	0	0	0	0	0	0	4.47	4.47
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2987.41	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.1	4.1
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3046.32	3.25	0	80.68	0	0.37	0	0	15.45	0	0	0	0	0	0	3.81	3.81
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3123.1	3.25	0	80.89	0	0.39	0	0	15.59	0	0	0	0	0	0	3.45	3.45
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3201.15	3.25	0	81.11	0	0.4	0	0	15.72	0	0	0	0	0	0	3.08	3.08
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3268.54	3.25	0	81.29	0	0.41	0	0	15.84	0	0	0	0	0	0	2.77	2.77
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1212.81	3.25	0	72.68	0	0.33	0	0	2.94	0	0	0	0	0	0	15.12	15.12
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1333.11	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	14.04	14.04
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1392.35	3.25	0	73.87	0	0.38	0	0	3.28	0	0	0	0	0	0	13.54	13.54
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1435.01	3.25	0	74.14	0	0.39	0	0	3.36	0	0	0	0	0	0	13.18	13.18
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1460.54	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.98	12.98
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1538.59	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	12.36	12.36
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1538.97	3.25	0	74.74	0	0.42	0	0	3.56	0	0	0	0	0	0	12.36	12.36
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1629.23	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.67	11.67
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1694.74	3.25	0	75.58	0	0.46	0	0	3.84	0	0	0	0	0	0	11.2	11.2
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1747.57	3.25	0	75.85	0	0.48	0	0	3.93	0	0	0	0	0	0	10.82	10.82
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1773.53	3.25	0	75.98	0	0.48	0	0	3.98	0	0	0	0	0	0	10.64	10.64
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3401.05	3.5	0	81.63	0	3.48	0	0	2.52	0	0	0	0	0	0	9	9
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1872.7	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	9.97	9.97
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1874.51	3.25	0	76.46	0	0.51	0	0	4.15	0	0	0	0	0	0	9.96	9.96
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1975.91	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.3	9.3
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2047.79	3.25	0	77.23	0	0.56	0	0	4.45	0	0	0	0	0	0	8.85	8.85
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2157.24	3.25	0	77.68	0	0.59	0	0	4.63	0	0	0	0	0	0	8.18	8.18
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2289.28	3.25	0	78.19	0	0.62	0	0	4.85	0	0	0	0	0	0	7.41	7.41
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2376.52	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.92	6.92
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2525.12	3.25	0	79.05	0	0.68	0	0	5.23	0	0	0	0	0	0	6.12	6.12
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2613.75	3.25	0	79.35	0	0.71	0	0	5.37	0	0	0	0	0	0	5.66	5.66
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2699.01	3.25	0	79.62	0	0.73	0	0	5.5	0	0	0	0	0	0	5.22	5.22
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2734.84	3.25	0	79.74	0	0.74	0	0	5.56	0	0	0	0	0	0	5.05	5.05
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2830.04	3.25	0	80.04	0	0.76	0	0	5.7	0	0	0	0	0	0	4.58	4.58
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2836.21	3.25	0	80.05	0	0.76	0	0	5.71	0	0	0	0	0	0	4.55	4.55
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2907.63	3.25	0	80.27	0	0.78	0	0	5.82	0	0	0	0	0	0	4.21	4.21
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2984.26	3.25	0	80.5	0	0.8	0	0	5.93	0	0	0	0	0	0	3.84	3.84
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3049.83	3.25	0	80.69	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3127.06	3.25	0	80.9	0	0.84	0	0	6.15	0	0	0	0	0	0	3.19	3.19
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3196.88	3.25	0	81.09	0	0.85	0	0	6.25	0	0	0	0	0	0	2.88	2.88
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3264.49	3.25	0	81.28	0	0.87	0	0	6.35	0	0	0	0	0	0	2.58	2.58
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3394.92	3.77	0	81.62	0	-0.21	0	0	6.53	0	0	0	0	0	0	-0.97	-0.97

imit. Value D/N: 0 0

Level D/N: 29.4421 29.4421

Receiver: Existing Noise Receptor
ID: R64
X: 339079
Y: 4680851
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3437.86	4.15	0	81.73	0	-0.45	0	0	6.59	0	0	0	0	0	0	23.3	23.3
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1273.41	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.6	15.6
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1398.49	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1465.37	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1496.01	3.25	0	74.5	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.53	13.53
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1529.42	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1595.22	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1604.4	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1691.28	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.93	11.93
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1757.36	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.43	11.43
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1814.06	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11.01	11.01
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1833.63	3.25	0	76.27	0	0.08	0	0	13.1	0	0	0	0	0	0	10.86	10.86
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1935.8	3.25	0	76.74	0	0.11	0	0	13.33	0	0	0	0	0	0	10.14	10.14
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1944.81	3.25	0	76.78	0	0.11	0	0	13.34	0	0	0	0	0	0	10.08	10.08

Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2036.45	3.25	0	77.18	0	0.14	0	0	13.54	0	0	0	0	0	0	9.46	9.46
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2115.7	3.25	0	77.51	0	0.16	0	0	13.7	0	0	0	0	0	0	8.94	8.94
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2222.7	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.27	8.27
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2353.32	3.25	0	78.43	0	0.22	0	0	14.18	0	0	0	0	0	0	7.48	7.48
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2438.5	3.25	0	78.74	0	0.24	0	0	14.34	0	0	0	0	0	0	6.99	6.99
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2585.12	3.25	0	79.25	0	0.28	0	0	14.62	0	0	0	0	0	0	6.17	6.17
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2677.8	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.67	5.67
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2766.04	3.25	0	79.84	0	0.32	0	0	14.95	0	0	0	0	0	0	5.21	5.21
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2789.17	3.25	0	79.91	0	0.32	0	0	14.99	0	0	0	0	0	0	5.09	5.09
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2888.16	3.25	0	80.21	0	0.34	0	0	15.17	0	0	0	0	0	0	4.59	4.59
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2896.66	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.54	4.54
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2969.86	3.25	0	80.45	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3048.9	3.25	0	80.68	0	0.37	0	0	15.46	0	0	0	0	0	0	3.8	3.8
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3103.11	3.25	0	80.84	0	0.38	0	0	15.55	0	0	0	0	0	0	3.54	3.54
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3182.85	3.25	0	81.06	0	0.4	0	0	15.69	0	0	0	0	0	0	3.17	3.17
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3257.1	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.83	2.83
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3327.14	3.25	0	81.44	0	0.42	0	0	15.94	0	0	0	0	0	0	2.51	2.51
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1276.81	3.25	0	73.12	0	0.35	0	0	3.07	0	0	0	0	0	0	14.54	14.54
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1401.38	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	13.46	13.46
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1466.86	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1498.87	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	12.67	12.67
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1531.86	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1598.42	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.9	11.9
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1607.29	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	11.84	11.84
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1694.06	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	11.2	11.2
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1753.41	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1816.42	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3461.86	3.5	0	81.79	0	3.49	0	0	2.55	0	0	0	0	0	0	8.8	8.8
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1836.57	3.25	0	76.28	0	0.5	0	0	4.09	0	0	0	0	0	0	10.21	10.21
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1932.59	3.25	0	76.72	0	0.53	0	0	4.25	0	0	0	0	0	0	9.58	9.58
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1941.74	3.25	0	76.76	0	0.53	0	0	4.27	0	0	0	0	0	0	9.52	9.52
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2039.89	3.25	0	77.19	0	0.55	0	0	4.43	0	0	0	0	0	0	8.9	8.9
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2118.29	3.25	0	77.52	0	0.58	0	0	4.57	0	0	0	0	0	0	8.42	8.42
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2225.61	3.25	0	77.95	0	0.6	0	0	4.74	0	0	0	0	0	0	7.78	7.78
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2356.39	3.25	0	78.44	0	0.64	0	0	4.96	0	0	0	0	0	0	7.04	7.04
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2441.29	3.25	0	78.75	0	0.66	0	0	5.09	0	0	0	0	0	0	6.57	6.57
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2588.09	3.25	0	79.26	0	0.7	0	0	5.33	0	0	0	0	0	0	5.79	5.79
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2674.65	3.25	0	79.55	0	0.72	0	0	5.46	0	0	0	0	0	0	5.35	5.35
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2762.53	3.25	0	79.83	0	0.74	0	0	5.6	0	0	0	0	0	0	4.91	4.91
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2793.17	3.25	0	79.92	0	0.75	0	0	5.64	0	0	0	0	0	0	4.76	4.76
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2891.84	3.25	0	80.22	0	0.78	0	0	5.8	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2892.49	3.25	0	80.23	0	0.78	0	0	5.8	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2966.56	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3045.81	3.25	0	80.67	0	0.82	0	0	6.03	0	0	0	0	0	0	3.56	3.56
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3106.55	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.28	3.28
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3186.74	3.25	0	81.07	0	0.85	0	0	6.23	0	0	0	0	0	0	2.93	2.93
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3252.9	3.25	0	81.25	0	0.87	0	0	6.33	0	0	0	0	0	0	2.63	2.63
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3323.16	3.25	0	81.43	0	0.88	0	0	6.43	0	0	0	0	0	0	2.33	2.33
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3455.98	3.77	0	81.77	0	-0.19	0	0	6.62	0	0	0	0	0	0	-1.22	-1.22

imit. Value D/N: 0 0

Level D/N: 29.0061 29.0061

Receiver: Existing Noise Receptor

ID: R65

X: 339050

Y: 4680932

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3393.64	4.15	0	81.61	0	-0.46	0	0	6.53	0	0	0	0	0	0	23.49	23.49
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1224.91	3.25	0	72.76	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.1	16.1
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1342.88	3.25	0	73.56	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.92	14.92
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1397.62	3.25	0	73.91	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.41	14.41
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1447.7	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1468.24	3.25	0	74.34	0	-0.05	0	0	12.25	0	0	0	0	0	0	13.78	13.78
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1548.64	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.08	13.08
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1553.07	3.25	0	74.82	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.05	13.05
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1641.37	3.25	0	75.3	0	0.02	0	0	12.67	0	0	0	0	0	0	12.32	12.32
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1717.25	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.73	11.73
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1757.36	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.43	11.43

	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1786.52	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	11.21	11.21
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1891.21	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.45	10.45
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1893.78	3.25	0	76.55	0	0.1	0	0	13.23	0	0	0	0	0	0	10.43	10.43
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1987.8	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	9.78	9.78
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2055.96	3.25	0	77.26	0	0.15	0	0	13.58	0	0	0	0	0	0	9.33	9.33
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2166.76	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2299.52	3.25	0	78.23	0	0.21	0	0	14.07	0	0	0	0	0	0	7.8	7.8
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2388.55	3.25	0	78.56	0	0.23	0	0	14.24	0	0	0	0	0	0	7.27	7.27
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2538.03	3.25	0	79.09	0	0.27	0	0	14.53	0	0	0	0	0	0	6.43	6.43
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2634.08	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.9	5.9
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2718.3	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.46	5.46
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2749.04	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.3	5.3
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2842.82	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.81	4.81
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2859.73	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.73	4.73
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2929.04	3.25	0	80.33	0	0.35	0	0	15.25	0	0	0	0	0	0	4.38	4.38
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3004.14	3.25	0	80.55	0	0.36	0	0	15.38	0	0	0	0	0	0	4.02	4.02
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3065.31	3.25	0	80.73	0	0.37	0	0	15.49	0	0	0	0	0	0	3.72	3.72
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3140.7	3.25	0	80.94	0	0.39	0	0	15.62	0	0	0	0	0	0	3.36	3.36
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3220.48	3.25	0	81.16	0	0.4	0	0	15.76	0	0	0	0	0	0	2.99	2.99
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3286.69	3.25	0	81.34	0	0.41	0	0	15.87	0	0	0	0	0	0	2.69	2.69
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1228.59	3.25	0	72.79	0	0.34	0	0	2.97	0	0	0	0	0	0	14.98	14.98
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1346.02	3.25	0	73.58	0	0.37	0	0	3.2	0	0	0	0	0	0	13.93	13.93
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1399.3	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.48	13.48
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1450.75	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1470.9	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	12.89	12.89
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1551.75	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1556.44	3.25	0	74.84	0	0.42	0	0	3.59	0	0	0	0	0	0	12.22	12.22
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1644.32	3.25	0	75.32	0	0.45	0	0	3.75	0	0	0	0	0	0	11.56	11.56
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1713.11	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.07	11.07
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1759.88	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1789.62	3.25	0	76.06	0	0.49	0	0	4	0	0	0	0	0	0	10.53	10.53
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3418.1	3.5	0	81.68	0	3.48	0	0	2.53	0	0	0	0	0	0	8.94	8.94
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1887.97	3.25	0	76.52	0	0.51	0	0	4.17	0	0	0	0	0	0	9.87	9.87
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1890.42	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1991.41	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	9.2	9.2
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2058.71	3.25	0	77.27	0	0.56	0	0	4.47	0	0	0	0	0	0	8.78	8.78
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2169.82	3.25	0	77.73	0	0.59	0	0	4.65	0	0	0	0	0	0	8.11	8.11
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2302.74	3.25	0	78.24	0	0.62	0	0	4.87	0	0	0	0	0	0	7.34	7.34
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2391.46	3.25	0	78.57	0	0.65	0	0	5.01	0	0	0	0	0	0	6.84	6.84
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2541.11	3.25	0	79.1	0	0.69	0	0	5.25	0	0	0	0	0	0	6.04	6.04
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2630.83	3.25	0	79.4	0	0.71	0	0	5.39	0	0	0	0	0	0	5.57	5.57
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2714.66	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.15	5.15
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2753.16	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.95	4.95
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2846.62	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.5	4.5
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2855.44	3.25	0	80.11	0	0.77	0	0	5.74	0	0	0	0	0	0	4.45	4.45
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2925.65	3.25	0	80.32	0	0.79	0	0	5.85	0	0	0	0	0	0	4.12	4.12
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3000.95	3.25	0	80.55	0	0.8	0	0	5.96	0	0	0	0	0	0	3.77	3.77
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3068.84	3.25	0	80.74	0	0.82	0	0	6.06	0	0	0	0	0	0	3.46	3.46
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3144.69	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.11	3.11
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3216.18	3.25	0	81.15	0	0.86	0	0	6.28	0	0	0	0	0	0	2.8	2.8
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3282.6	3.25	0	81.32	0	0.87	0	0	6.37	0	0	0	0	0	0	2.51	2.51
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3411.83	3.77	0	81.66	0	-0.2	0	0	6.56	0	0	0	0	0	0	-1.04	-1.04
imit. Value D/N:	0	0																								
Level D/N:	29.3433	29.3433																								

Receiver: Existing Noise Receptor
ID: R66
X: 339033
Y: 4680855
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3463.75	4.15	0	81.79	0	-0.44	0	0	6.63	0	0	0	0	0	0	23.2	23.2
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1296.7	3.25	0	73.26	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.37	15.37
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1417.68	3.25	0	74.03	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.23	14.23
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1475.93	3.25	0	74.38	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.71	13.71
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1519.48	3.25	0	74.63	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1544.97	3.25	0	74.78	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.12	13.12
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1621.91	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1623.55	3.25	0	75.21	0	0.01	0	0	12.62	0	0	0	0	0	0	12.47	12.47

Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1713.92	3.25	0	75.68	0	0.04	0	0	12.83	0	0	0	0	0	0	11.76	11.76
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1785.08	3.25	0	76.03	0	0.06	0	0	13	0	0	0	0	0	0	11.22	11.22
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1832.65	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1857.83	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	10.69	10.69
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1962.63	3.25	0	76.86	0	0.12	0	0	13.38	0	0	0	0	0	0	9.95	9.95
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1965.34	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.94	9.94
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2059.85	3.25	0	77.28	0	0.15	0	0	13.59	0	0	0	0	0	0	9.3	9.3
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2132.32	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.83	8.83
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2241.82	3.25	0	78.01	0	0.19	0	0	13.96	0	0	0	0	0	0	8.15	8.15
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2373.78	3.25	0	78.51	0	0.23	0	0	14.22	0	0	0	0	0	0	7.36	7.36
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2461.22	3.25	0	78.82	0	0.25	0	0	14.38	0	0	0	0	0	0	6.86	6.86
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2609.44	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2703.88	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.53	5.53
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2790.02	3.25	0	79.91	0	0.32	0	0	15	0	0	0	0	0	0	5.08	5.08
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2817.04	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.95	4.95
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2913.43	3.25	0	80.29	0	0.35	0	0	15.22	0	0	0	0	0	0	4.46	4.46
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2926.03	3.25	0	80.33	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2997.41	3.25	0	80.53	0	0.36	0	0	15.37	0	0	0	0	0	0	4.05	4.05
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3074.49	3.25	0	80.76	0	0.38	0	0	15.5	0	0	0	0	0	0	3.68	3.68
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3132.09	3.25	0	80.92	0	0.39	0	0	15.6	0	0	0	0	0	0	3.4	3.4
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3209.77	3.25	0	81.13	0	0.4	0	0	15.74	0	0	0	0	0	0	3.04	3.04
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3286.63	3.25	0	81.34	0	0.41	0	0	15.87	0	0	0	0	0	0	2.69	2.69
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3354.89	3.25	0	81.51	0	0.43	0	0	15.99	0	0	0	0	0	0	2.39	2.39
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1300.25	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	14.33	14.33
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1420.73	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.3	13.3
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1477.57	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.84	12.84
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1522.45	3.25	0	74.65	0	0.42	0	0	3.53	0	0	0	0	0	0	12.49	12.49
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1547.56	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.29	12.29
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1625.19	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.7	11.7
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1626.57	3.25	0	75.23	0	0.44	0	0	3.71	0	0	0	0	0	0	11.69	11.69
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1716.79	3.25	0	75.69	0	0.47	0	0	3.88	0	0	0	0	0	0	11.04	11.04
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1781.04	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	10.59	10.59
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1835.11	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	10.22	10.22
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3487.98	3.5	0	81.85	0	3.49	0	0	2.57	0	0	0	0	0	0	8.72	8.72
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1860.86	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.05	10.05
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1959.35	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	9.4	9.4
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1962.17	3.25	0	76.85	0	0.53	0	0	4.3	0	0	0	0	0	0	9.39	9.39
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2063.38	3.25	0	77.29	0	0.56	0	0	4.47	0	0	0	0	0	0	8.75	8.75
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2135.01	3.25	0	77.59	0	0.58	0	0	4.59	0	0	0	0	0	0	8.31	8.31
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2244.83	3.25	0	78.02	0	0.61	0	0	4.78	0	0	0	0	0	0	7.67	7.67
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2376.94	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.92	6.92
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2464.09	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.45	6.45
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2612.46	3.25	0	79.34	0	0.71	0	0	5.37	0	0	0	0	0	0	5.66	5.66
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2700.69	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.22	5.22
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2786.44	3.25	0	79.9	0	0.75	0	0	5.63	0	0	0	0	0	0	4.79	4.79
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2821.09	3.25	0	80.01	0	0.76	0	0	5.69	0	0	0	0	0	0	4.62	4.62
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2917.17	3.25	0	80.3	0	0.78	0	0	5.83	0	0	0	0	0	0	4.16	4.16
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2921.8	3.25	0	80.31	0	0.79	0	0	5.84	0	0	0	0	0	0	4.14	4.14
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2994.07	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3071.34	3.25	0	80.75	0	0.82	0	0	6.06	0	0	0	0	0	0	3.44	3.44
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3135.58	3.25	0	80.93	0	0.84	0	0	6.16	0	0	0	0	0	0	3.15	3.15
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3213.7	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.81	2.81
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3282.39	3.25	0	81.32	0	0.87	0	0	6.37	0	0	0	0	0	0	2.51	2.51
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3350.86	3.25	0	81.5	0	0.89	0	0	6.47	0	0	0	0	0	0	2.21	2.21
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3481.91	3.77	0	81.84	0	-0.19	0	0	6.66	0	0	0	0	0	0	-1.33	-1.33

imit. Value D/N: 0 0

Level D/N: 28.8622 28.8622

Receiver: Existing Noise Receptor
ID: R67
X: 339017
Y: 4680933
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3414.18	4.15	0	81.67	0	-0.45	0	0	6.56	0	0	0	0	0	0	23.4	23.4
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1244.56	3.25	0	72.9	0	-0.13	0	0	11.65	0	0	0	0	0	0	15.89	15.89
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1359.53	3.25	0	73.67	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.77	14.77
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1408.01	3.25	0	73.97	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.32	14.32
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1467.26	3.25	0	74.33	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.78	13.78

Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1482.19	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.65	13.65
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1565.09	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1574.76	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1660.21	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1739.53	3.25	0	75.81	0	0.05	0	0	12.89	0	0	0	0	0	0	11.56	11.56
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1773.3	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.31	11.31
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1806.36	3.25	0	76.14	0	0.07	0	0	13.04	0	0	0	0	0	0	11.06	11.06
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1908.45	3.25	0	76.61	0	0.1	0	0	13.27	0	0	0	0	0	0	10.33	10.33
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1915.37	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2006.99	3.25	0	77.05	0	0.13	0	0	13.48	0	0	0	0	0	0	9.65	9.65
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2070.36	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.23	9.23
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2182.89	3.25	0	77.78	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2316.54	3.25	0	78.3	0	0.21	0	0	14.1	0	0	0	0	0	0	7.7	7.7
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2407.12	3.25	0	78.63	0	0.24	0	0	14.28	0	0	0	0	0	0	7.17	7.17
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2557.67	3.25	0	79.16	0	0.27	0	0	14.57	0	0	0	0	0	0	6.32	6.32
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2654.91	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.79	5.79
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2737.65	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.35	5.35
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2771.05	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.18	5.18
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2863.03	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2882.72	3.25	0	80.2	0	0.34	0	0	15.16	0	0	0	0	0	0	4.61	4.61
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2950.8	3.25	0	80.4	0	0.35	0	0	15.28	0	0	0	0	0	0	4.28	4.28
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3024.54	3.25	0	80.61	0	0.37	0	0	15.42	0	0	0	0	0	0	3.92	3.92
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3088.01	3.25	0	80.79	0	0.38	0	0	15.53	0	0	0	0	0	0	3.61	3.61
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3161.98	3.25	0	81	0	0.39	0	0	15.66	0	0	0	0	0	0	3.26	3.26
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3243.53	3.25	0	81.22	0	0.41	0	0	15.8	0	0	0	0	0	0	2.89	2.89
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3308.52	3.25	0	81.39	0	0.42	0	0	15.91	0	0	0	0	0	0	2.59	2.59
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1248.33	3.25	0	72.93	0	0.34	0	0	3.01	0	0	0	0	0	0	14.8	14.8
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1362.77	3.25	0	73.69	0	0.37	0	0	3.23	0	0	0	0	0	0	13.79	13.79
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1409.79	3.25	0	73.98	0	0.39	0	0	3.32	0	0	0	0	0	0	13.39	13.39
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1470.38	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	12.9	12.9
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1484.95	3.25	0	74.43	0	0.41	0	0	3.46	0	0	0	0	0	0	12.78	12.78
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1568.3	3.25	0	74.91	0	0.43	0	0	3.61	0	0	0	0	0	0	12.13	12.13
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1578.19	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	12.06	12.06
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1663.22	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1735.32	3.25	0	75.79	0	0.47	0	0	3.91	0	0	0	0	0	0	10.91	10.91
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1775.88	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1809.52	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3438.8	3.5	0	81.73	0	3.49	0	0	2.54	0	0	0	0	0	0	8.87	8.87
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1905.13	3.25	0	76.6	0	0.52	0	0	4.2	0	0	0	0	0	0	9.76	9.76
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1911.97	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	9.71	9.71
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2010.66	3.25	0	77.07	0	0.55	0	0	4.38	0	0	0	0	0	0	9.08	9.08
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2073.18	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.69	8.69
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2186.02	3.25	0	77.79	0	0.59	0	0	4.68	0	0	0	0	0	0	8.01	8.01
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2319.83	3.25	0	78.31	0	0.63	0	0	4.9	0	0	0	0	0	0	7.24	7.24
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2410.08	3.25	0	78.64	0	0.65	0	0	5.04	0	0	0	0	0	0	6.74	6.74
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2560.78	3.25	0	79.17	0	0.69	0	0	5.28	0	0	0	0	0	0	5.93	5.93
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2651.62	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2733.97	3.25	0	79.74	0	0.74	0	0	5.55	0	0	0	0	0	0	5.05	5.05
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2775.21	3.25	0	79.87	0	0.75	0	0	5.62	0	0	0	0	0	0	4.85	4.85
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2866.88	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.4	4.4
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2878.4	3.25	0	80.18	0	0.77	0	0	5.77	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2947.38	3.25	0	80.39	0	0.79	0	0	5.88	0	0	0	0	0	0	4.02	4.02
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3021.32	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.67	3.67
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3091.58	3.25	0	80.8	0	0.83	0	0	6.09	0	0	0	0	0	0	3.35	3.35
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3166.01	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3239.2	3.25	0	81.21	0	0.86	0	0	6.31	0	0	0	0	0	0	2.69	2.69
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3304.4	3.25	0	81.38	0	0.88	0	0	6.4	0	0	0	0	0	0	2.41	2.41
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3432.39	3.77	0	81.71	0	-0.2	0	0	6.59	0	0	0	0	0	0	-1.12	-1.12

imit. Value D/N: 0 0
Level D/N: 29.2201 29.2201

Receiver: Existing Noise Receptor
ID: R68
X: 338995
Y: 4680936
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3426.21	4.15	0	81.7	0	-0.45	0	0	6.58	0	0	0	0	0	0	23.35	23.35
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1256.17	3.25	0	72.98	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.78	15.78

Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1369.01	3.25	0	73.73	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.68	14.68
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1413.15	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.27	14.27
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1478.75	3.25	0	74.4	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.68	13.68
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1489.77	3.25	0	74.46	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.59	13.59
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1574.39	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1587.75	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1671.16	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	12.09	12.09
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1752.93	3.25	0	75.88	0	0.05	0	0	12.92	0	0	0	0	0	0	11.46	11.46
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1782.2	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.24	11.24
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1818	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.98	10.98
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1918.24	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1928.25	3.25	0	76.7	0	0.11	0	0	13.31	0	0	0	0	0	0	10.19	10.19
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2018.14	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.58	9.58
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2078.14	3.25	0	77.35	0	0.15	0	0	13.62	0	0	0	0	0	0	9.18	9.18
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2191.87	3.25	0	77.82	0	0.18	0	0	13.86	0	0	0	0	0	0	8.46	8.46
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2326.14	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.64	7.64
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2417.81	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.1	7.1
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2569.09	3.25	0	79.2	0	0.27	0	0	14.59	0	0	0	0	0	0	6.26	6.26
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2667.18	3.25	0	79.52	0	0.29	0	0	14.77	0	0	0	0	0	0	5.73	5.73
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2748.87	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.3	5.3
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2784.17	3.25	0	79.89	0	0.32	0	0	14.99	0	0	0	0	0	0	5.11	5.11
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2874.86	3.25	0	80.17	0	0.34	0	0	15.15	0	0	0	0	0	0	4.65	4.65
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2896.56	3.25	0	80.24	0	0.34	0	0	15.19	0	0	0	0	0	0	4.54	4.54
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2963.73	3.25	0	80.44	0	0.35	0	0	15.31	0	0	0	0	0	0	4.21	4.21
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3036.49	3.25	0	80.65	0	0.37	0	0	15.44	0	0	0	0	0	0	3.86	3.86
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3101.62	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.55	3.55
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3174.56	3.25	0	81.03	0	0.39	0	0	15.68	0	0	0	0	0	0	3.21	3.21
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3257.39	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.82	2.82
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3321.49	3.25	0	81.43	0	0.42	0	0	15.93	0	0	0	0	0	0	2.53	2.53
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1260.02	3.25	0	73.01	0	0.35	0	0	3.03	0	0	0	0	0	0	14.69	14.69
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1372.33	3.25	0	73.75	0	0.38	0	0	3.25	0	0	0	0	0	0	13.7	13.7
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1415	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.35	13.35
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1481.93	3.25	0	74.42	0	0.4	0	0	3.45	0	0	0	0	0	0	12.8	12.8
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1492.6	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	12.72	12.72
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1577.66	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	12.06	12.06
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1591.22	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	11.96	11.96
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1674.22	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1748.68	3.25	0	75.85	0	0.48	0	0	3.93	0	0	0	0	0	0	10.81	10.81
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1784.83	3.25	0	76.03	0	0.49	0	0	4	0	0	0	0	0	0	10.56	10.56
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3450.95	3.5	0	81.76	0	3.49	0	0	2.55	0	0	0	0	0	0	8.83	8.83
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1821.2	3.25	0	76.21	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1914.87	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.69	9.69
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1924.81	3.25	0	76.69	0	0.52	0	0	4.24	0	0	0	0	0	0	9.63	9.63
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2021.86	3.25	0	77.12	0	0.55	0	0	4.4	0	0	0	0	0	0	9.01	9.01
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2081.02	3.25	0	77.37	0	0.57	0	0	4.5	0	0	0	0	0	0	8.64	8.64
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2195.05	3.25	0	77.83	0	0.6	0	0	4.69	0	0	0	0	0	0	7.96	7.96
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2329.47	3.25	0	78.35	0	0.63	0	0	4.91	0	0	0	0	0	0	7.19	7.19
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2420.8	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.68	6.68
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2572.24	3.25	0	79.21	0	0.7	0	0	5.3	0	0	0	0	0	0	5.87	5.87
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2663.87	3.25	0	79.51	0	0.72	0	0	5.45	0	0	0	0	0	0	5.4	5.4
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2745.15	3.25	0	79.77	0	0.74	0	0	5.57	0	0	0	0	0	0	4.99	4.99
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2788.36	3.25	0	79.91	0	0.75	0	0	5.64	0	0	0	0	0	0	4.78	4.78
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2878.73	3.25	0	80.18	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2892.21	3.25	0	80.22	0	0.78	0	0	5.8	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2960.28	3.25	0	80.43	0	0.79	0	0	5.9	0	0	0	0	0	0	3.96	3.96
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3033.25	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.62	3.62
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3105.21	3.25	0	80.84	0	0.83	0	0	6.11	0	0	0	0	0	0	3.29	3.29
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3178.61	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.96	2.96
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3253.04	3.25	0	81.25	0	0.87	0	0	6.33	0	0	0	0	0	0	2.63	2.63
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3317.35	3.25	0	81.42	0	0.88	0	0	6.42	0	0	0	0	0	0	2.36	2.36
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3444.44	3.77	0	81.74	0	-0.2	0	0	6.6	0	0	0	0	0	0	-1.17	-1.17

imit. Value D/N: 0 0

Level D/N: 29.1496 29.1496

Receiver: Existing Noise Receptor
ID: R69
X: 338986
Y: 4680864
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3486.87	4.15	0	81.85	0	-0.44	0	0	6.66	0	0	0	0	0	0	23.1	23.1
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1317.87	3.25	0	73.4	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.17	15.17
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1434.4	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.08	14.08
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1483.52	3.25	0	74.43	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1540.64	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.15	13.15
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1557.73	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1640.04	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1646.44	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.28	12.28
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1734.05	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1810.63	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.03	11.03
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1848.42	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.76	10.76
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1879.56	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.53	10.53
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1983.11	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1987.14	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2080.63	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.17	9.17
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2145.84	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.75	8.75
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2257.96	3.25	0	78.07	0	0.2	0	0	13.99	0	0	0	0	0	0	8.05	8.05
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2391.3	3.25	0	78.57	0	0.23	0	0	14.25	0	0	0	0	0	0	7.26	7.26
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2481.13	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.74	6.74
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2631.02	3.25	0	79.4	0	0.29	0	0	14.7	0	0	0	0	0	0	5.92	5.92
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2727.36	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.41	5.41
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2811.19	3.25	0	79.98	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2842.42	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2935.98	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2953.03	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.26	4.26
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3022.42	3.25	0	80.61	0	0.37	0	0	15.41	0	0	0	0	0	0	3.93	3.93
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3097.34	3.25	0	80.82	0	0.38	0	0	15.54	0	0	0	0	0	0	3.57	3.57
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3158.65	3.25	0	80.99	0	0.39	0	0	15.65	0	0	0	0	0	0	3.28	3.28
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3234.04	3.25	0	81.19	0	0.41	0	0	15.78	0	0	0	0	0	0	2.93	2.93
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3313.77	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.57	2.57
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3380.06	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.27	2.27
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1321.58	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	14.14	14.14
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1437.6	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.16	13.16
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1485.31	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	12.78	12.78
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1543.72	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1560.48	3.25	0	74.87	0	0.43	0	0	3.59	0	0	0	0	0	0	12.19	12.19
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1643.21	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	11.57	11.57
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1649.81	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	11.52	11.52
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1737.03	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.9	10.9
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1806.48	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.42	10.42
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1850.99	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3511.36	3.5	0	81.91	0	3.5	0	0	2.58	0	0	0	0	0	0	8.64	8.64
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1882.68	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.9	9.9
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1979.82	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1983.79	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.25	9.25
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2084.26	3.25	0	77.38	0	0.57	0	0	4.51	0	0	0	0	0	0	8.62	8.62
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2148.65	3.25	0	77.64	0	0.58	0	0	4.62	0	0	0	0	0	0	8.23	8.23
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2261.07	3.25	0	78.09	0	0.61	0	0	4.8	0	0	0	0	0	0	7.57	7.57
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2394.56	3.25	0	78.58	0	0.65	0	0	5.02	0	0	0	0	0	0	6.82	6.82
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2484.07	3.25	0	78.9	0	0.67	0	0	5.16	0	0	0	0	0	0	6.34	6.34
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2634.11	3.25	0	79.41	0	0.71	0	0	5.4	0	0	0	0	0	0	5.55	5.55
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2724.11	3.25	0	79.7	0	0.73	0	0	5.54	0	0	0	0	0	0	5.1	5.1
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2807.54	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2846.54	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.5	4.5
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2939.78	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.05	4.05
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2948.75	3.25	0	80.39	0	0.79	0	0	5.88	0	0	0	0	0	0	4.01	4.01
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3019.03	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.68	3.68
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3094.15	3.25	0	80.81	0	0.83	0	0	6.1	0	0	0	0	0	0	3.34	3.34
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3162.18	3.25	0	81	0	0.84	0	0	6.2	0	0	0	0	0	0	3.03	3.03
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3238.04	3.25	0	81.21	0	0.86	0	0	6.31	0	0	0	0	0	0	2.7	2.7
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3309.48	3.25	0	81.4	0	0.88	0	0	6.41	0	0	0	0	0	0	2.39	2.39
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3375.98	3.25	0	81.57	0	0.9	0	0	6.51	0	0	0	0	0	0	2.11	2.11
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3505.07	3.77	0	81.89	0	-0.18	0	0	6.69	0	0	0	0	0	0	-1.43	-1.43
imit. Value D/N:	0	0																									
Level D/N:	28.7365	28.7365																									

Receiver: Existing Noise Receptor
ID: R70
X: 338963
Y: 4680857

Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3507.06	4.15	0	81.9	0	-0.43	0	0	6.69	0	0	0	0	0	0	23.02	23.02
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1337.63	3.25	0	73.53	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.97	14.97
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1452.66	3.25	0	74.24	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.91	13.91
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1498.39	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1560.35	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1574.55	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1658.18	3.25	0	75.39	0	0.02	0	0	12.71	0	0	0	0	0	0	12.19	12.19
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1667.16	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1753.4	3.25	0	75.88	0	0.05	0	0	12.92	0	0	0	0	0	0	11.46	11.46
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1831.63	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1866.28	3.25	0	76.42	0	0.09	0	0	13.18	0	0	0	0	0	0	10.63	10.63
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1899.4	3.25	0	76.57	0	0.1	0	0	13.25	0	0	0	0	0	0	10.39	10.39
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2001.64	3.25	0	77.03	0	0.13	0	0	13.47	0	0	0	0	0	0	9.69	9.69
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2007.83	3.25	0	77.05	0	0.13	0	0	13.48	0	0	0	0	0	0	9.65	9.65
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2100.15	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.04	9.04
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2162.84	3.25	0	77.7	0	0.17	0	0	13.8	0	0	0	0	0	0	8.64	8.64
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2275.9	3.25	0	78.14	0	0.2	0	0	14.02	0	0	0	0	0	0	7.94	7.94
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2409.7	3.25	0	78.64	0	0.24	0	0	14.29	0	0	0	0	0	0	7.15	7.15
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2500.34	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.64	6.64
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2650.76	3.25	0	79.47	0	0.29	0	0	14.74	0	0	0	0	0	0	5.81	5.81
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2747.69	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.3	5.3
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2830.79	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.88	4.88
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2863.31	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2956	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.25	4.25
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2974.37	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.16	4.16
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3043.19	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.83	3.83
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3117.46	3.25	0	80.88	0	0.38	0	0	15.58	0	0	0	0	0	0	3.47	3.47
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3179.87	3.25	0	81.05	0	0.4	0	0	15.69	0	0	0	0	0	0	3.18	3.18
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3254.59	3.25	0	81.25	0	0.41	0	0	15.82	0	0	0	0	0	0	2.84	2.84
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3335.15	3.25	0	81.46	0	0.42	0	0	15.95	0	0	0	0	0	0	2.47	2.47
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3400.88	3.25	0	81.63	0	0.43	0	0	16.06	0	0	0	0	0	0	2.18	2.18
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1341.38	3.25	0	73.55	0	0.37	0	0	3.19	0	0	0	0	0	0	13.97	13.97
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1455.92	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.01	13.01
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1500.23	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	12.66	12.66
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1563.46	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	12.17	12.17
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1577.36	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	12.06	12.06
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1661.4	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	11.44	11.44
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1670.56	3.25	0	75.46	0	0.45	0	0	3.79	0	0	0	0	0	0	11.37	11.37
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1756.41	3.25	0	75.89	0	0.48	0	0	3.95	0	0	0	0	0	0	10.76	10.76
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1827.46	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	10.27	10.27
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3531.63	3.5	0	81.96	0	3.5	0	0	2.59	0	0	0	0	0	0	8.58	8.58
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1868.88	3.25	0	76.43	0	0.51	0	0	4.14	0	0	0	0	0	0	9.99	9.99
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1902.55	3.25	0	76.59	0	0.52	0	0	4.2	0	0	0	0	0	0	9.77	9.77
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1998.31	3.25	0	77.01	0	0.54	0	0	4.36	0	0	0	0	0	0	9.16	9.16
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2004.45	3.25	0	77.04	0	0.54	0	0	4.37	0	0	0	0	0	0	9.12	9.12
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2103.81	3.25	0	77.46	0	0.57	0	0	4.54	0	0	0	0	0	0	8.5	8.5
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2165.7	3.25	0	77.71	0	0.59	0	0	4.64	0	0	0	0	0	0	8.13	8.13
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2279.04	3.25	0	78.16	0	0.62	0	0	4.83	0	0	0	0	0	0	7.47	7.47
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2412.99	3.25	0	78.65	0	0.65	0	0	5.05	0	0	0	0	0	0	6.72	6.72
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2503.3	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.24	6.24
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2653.87	3.25	0	79.48	0	0.72	0	0	5.43	0	0	0	0	0	0	5.45	5.45
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2744.41	3.25	0	79.77	0	0.74	0	0	5.57	0	0	0	0	0	0	5	5
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2827.12	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.59	4.59
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2867.45	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.4	4.4
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2959.83	3.25	0	80.43	0	0.79	0	0	5.9	0	0	0	0	0	0	3.96	3.96
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2970.08	3.25	0	80.46	0	0.8	0	0	5.91	0	0	0	0	0	0	3.91	3.91
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3039.79	3.25	0	80.66	0	0.81	0	0	6.02	0	0	0	0	0	0	3.59	3.59
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3114.25	3.25	0	80.87	0	0.83	0	0	6.13	0	0	0	0	0	0	3.25	3.25
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3183.41	3.25	0	81.06	0	0.85	0	0	6.23	0	0	0	0	0	0	2.94	2.94
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3258.6	3.25	0	81.26	0	0.87	0	0	6.34	0	0	0	0	0	0	2.61	2.61
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3330.84	3.25	0	81.45	0	0.89	0	0	6.44	0	0	0	0	0	0	2.3	2.3
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3396.78	3.25	0	81.62	0	0.9	0	0	6.54	0	0	0	0	0	0	2.02	2.02
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3525.27	3.77	0	81.94	0	-0.18	0	0	6.72	0	0	0	0	0	0	-1.51	-1.51
imit. Value D/N:	0	0																									
Level D/N:	28.6148	28.6148																									

Receiver: Existing Noise Receptor

ID: R71
X: 338965
Y: 4680929
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3451.14	4.15	0	81.76	0	-0.44	0	0	6.61	0	0	0	0	0	0	23.25	23.25
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1280.87	3.25	0	73.15	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.53	15.53
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1391.56	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.47	14.47
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1430.93	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.11	14.11
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1503.3	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.47	13.47
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1510.26	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1596.71	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.69	12.69
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1613.68	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1695.14	3.25	0	75.58	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1779.21	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.26	11.26
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1804.06	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1842.64	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1941.01	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1954.04	3.25	0	76.82	0	0.12	0	0	13.36	0	0	0	0	0	0	10.01	10.01
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2042.29	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.42	9.42
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2098.76	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.05	9.05
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2213.77	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2348.67	3.25	0	78.42	0	0.22	0	0	14.17	0	0	0	0	0	0	7.51	7.51
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2441.45	3.25	0	78.75	0	0.24	0	0	14.35	0	0	0	0	0	0	6.97	6.97
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2593.46	3.25	0	79.28	0	0.28	0	0	14.63	0	0	0	0	0	0	6.12	6.12
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2692.36	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2773.02	3.25	0	79.86	0	0.32	0	0	14.97	0	0	0	0	0	0	5.17	5.17
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2810.15	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2899.61	3.25	0	80.25	0	0.34	0	0	15.19	0	0	0	0	0	0	4.53	4.53
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2923.17	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.41	4.41
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2989.52	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.09	4.09
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3061.35	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3128.03	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.42	3.42
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3200.01	3.25	0	81.1	0	0.4	0	0	15.72	0	0	0	0	0	0	3.09	3.09
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3284.01	3.25	0	81.33	0	0.41	0	0	15.87	0	0	0	0	0	0	2.7	2.7
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3347.3	3.25	0	81.49	0	0.43	0	0	15.97	0	0	0	0	0	0	2.42	2.42
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1284.78	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.47	14.47
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1394.95	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1432.85	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1506.52	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1513.17	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	12.56	12.56
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1600.04	3.25	0	75.08	0	0.44	0	0	3.67	0	0	0	0	0	0	11.89	11.89
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1617.19	3.25	0	75.18	0	0.44	0	0	3.7	0	0	0	0	0	0	11.76	11.76
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1698.25	3.25	0	75.6	0	0.46	0	0	3.84	0	0	0	0	0	0	11.17	11.17
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1774.92	3.25	0	75.98	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1806.74	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.41	10.41
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3475.99	3.5	0	81.82	0	3.49	0	0	2.56	0	0	0	0	0	0	8.75	8.75
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1845.88	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.15	10.15
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1937.59	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	9.54	9.54
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1950.58	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	9.46	9.46
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2046.05	3.25	0	77.22	0	0.56	0	0	4.44	0	0	0	0	0	0	8.86	8.86
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2101.7	3.25	0	77.45	0	0.57	0	0	4.54	0	0	0	0	0	0	8.52	8.52
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2216.99	3.25	0	77.92	0	0.6	0	0	4.73	0	0	0	0	0	0	7.83	7.83
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2352.05	3.25	0	78.43	0	0.64	0	0	4.95	0	0	0	0	0	0	7.06	7.06
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2444.48	3.25	0	78.76	0	0.66	0	0	5.1	0	0	0	0	0	0	6.55	6.55
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2596.64	3.25	0	79.29	0	0.7	0	0	5.34	0	0	0	0	0	0	5.75	5.75
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2689.03	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.27	5.27
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2769.28	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.87	4.87
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2814.36	3.25	0	79.99	0	0.76	0	0	5.68	0	0	0	0	0	0	4.65	4.65
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2903.51	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.22	4.22
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2918.8	3.25	0	80.3	0	0.78	0	0	5.84	0	0	0	0	0	0	4.15	4.15
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2986.05	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.84	3.84
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3058.08	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.5	3.5
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3131.63	3.25	0	80.92	0	0.84	0	0	6.15	0	0	0	0	0	0	3.17	3.17
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3204.09	3.25	0	81.11	0	0.86	0	0	6.26	0	0	0	0	0	0	2.85	2.85
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3279.64	3.25	0	81.32	0	0.87	0	0	6.37	0	0	0	0	0	0	2.52	2.52
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3343.14	3.25	0	81.48	0	0.89	0	0	6.46	0	0	0	0	0	0	2.25	2.25
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3469.38	3.77	0	81.81	0	-0.19	0	0	6.64	0	0	0	0	0	0	-1.28	-1.28

imit. Value D/N: 0 0

Level D/N: 28.9939 28.9939

Receiver: Existing Noise Receptor
ID: R72
X: 338920
Y: 4680926
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3483.1	4.15	0	81.84	0	-0.44	0	0	6.66	0	0	0	0	0	0	23.12	23.12
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1312.81	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.21	15.21
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1419.86	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1451.55	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1534.88	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1535.16	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.2	13.2
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1624.54	3.25	0	75.21	0	0.01	0	0	12.63	0	0	0	0	0	0	12.46	12.46
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1647.63	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.28	12.28
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1725.72	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.67	11.67
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1813.74	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11.01	11.01
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1831.07	3.25	0	76.25	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1874.3	3.25	0	76.46	0	0.09	0	0	13.19	0	0	0	0	0	0	10.57	10.57
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1969.5	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.91	9.91
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1987.68	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	9.78	9.78
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2073.05	3.25	0	77.33	0	0.15	0	0	13.61	0	0	0	0	0	0	9.22	9.22
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2123.67	3.25	0	77.54	0	0.16	0	0	13.72	0	0	0	0	0	0	8.89	8.89
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2240.74	3.25	0	78.01	0	0.19	0	0	13.95	0	0	0	0	0	0	8.16	8.16
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2376.68	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.34	7.34
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2471.3	3.25	0	78.86	0	0.25	0	0	14.4	0	0	0	0	0	0	6.8	6.8
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2624.53	3.25	0	79.38	0	0.28	0	0	14.69	0	0	0	0	0	0	5.95	5.95
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2724.83	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.42	5.42
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2803.7	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.01	5.01
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2843.99	3.25	0	80.08	0	0.33	0	0	15.09	0	0	0	0	0	0	4.81	4.81
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2931.29	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.37	4.37
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2958.15	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3023.02	3.25	0	80.61	0	0.37	0	0	15.41	0	0	0	0	0	0	3.92	3.92
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3093.21	3.25	0	80.81	0	0.38	0	0	15.54	0	0	0	0	0	0	3.59	3.59
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3162.63	3.25	0	81	0	0.39	0	0	15.66	0	0	0	0	0	0	3.26	3.26
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3232.91	3.25	0	81.19	0	0.41	0	0	15.78	0	0	0	0	0	0	2.94	2.94
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3319	3.25	0	81.42	0	0.42	0	0	15.93	0	0	0	0	0	0	2.55	2.55
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3380.83	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.27	2.27
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1316.83	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.18	14.18
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1423.38	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1453.61	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	13.03	13.03
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1538.18	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	12.36	12.36
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1538.2	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	12.36	12.36
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1627.98	3.25	0	75.23	0	0.44	0	0	3.72	0	0	0	0	0	0	11.68	11.68
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1651.21	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1728.9	3.25	0	75.76	0	0.47	0	0	3.9	0	0	0	0	0	0	10.95	10.95
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1809.38	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1833.84	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	10.23	10.23
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3508.13	3.5	0	81.9	0	3.5	0	0	2.58	0	0	0	0	0	0	8.65	8.65
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1877.6	3.25	0	76.47	0	0.51	0	0	4.16	0	0	0	0	0	0	9.94	9.94
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1965.99	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	9.36	9.36
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1984.16	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.25	9.25
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2076.89	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.67	8.67
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2126.7	3.25	0	77.55	0	0.58	0	0	4.58	0	0	0	0	0	0	8.36	8.36
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2244.05	3.25	0	78.02	0	0.61	0	0	4.77	0	0	0	0	0	0	7.67	7.67
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2380.12	3.25	0	78.53	0	0.64	0	0	5	0	0	0	0	0	0	6.9	6.9
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2474.38	3.25	0	78.87	0	0.67	0	0	5.15	0	0	0	0	0	0	6.39	6.39
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2627.75	3.25	0	79.39	0	0.71	0	0	5.39	0	0	0	0	0	0	5.59	5.59
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2721.45	3.25	0	79.7	0	0.73	0	0	5.53	0	0	0	0	0	0	5.11	5.11
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2799.9	3.25	0	79.94	0	0.75	0	0	5.66	0	0	0	0	0	0	4.72	4.72
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2848.24	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.49	4.49
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2935.24	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.07	4.07
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2953.74	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3019.52	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.68	3.68
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3089.91	3.25	0	80.8	0	0.83	0	0	6.09	0	0	0	0	0	0	3.36	3.36
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3166.26	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3237.03	3.25	0	81.2	0	0.86	0	0	6.31	0	0	0	0	0	0	2.7	2.7
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3314.59	3.25	0	81.41	0	0.88	0	0	6.42	0	0	0	0	0	0	2.37	2.37

	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3376.63	3.25	0	81.57	0	0.9	0	0	6.51	0	0	0	0	0	0	2.1	2.1
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3501.36	3.77	0	81.88	0	-0.18	0	0	6.68	0	0	0	0	0	0	-1.41	-1.41
imit. Value D/N:	0	0																								
Level D/N:	28.7995	28.7995																								

Receiver: Existing Noise Receptor
ID: R73
X: 338924
Y: 4680874
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3519.55	4.15	0	81.93	0	-0.43	0	0	6.71	0	0	0	0	0	0	22.97	22.97
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1349.32	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.86	14.86
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1460.1	3.25	0	74.29	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1497.55	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1571.78	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.89	12.89
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1578.26	3.25	0	74.96	0	-0.01	0	0	12.52	0	0	0	0	0	0	12.84	12.84
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1665.21	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1681.67	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1763.72	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1847	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.77	10.77
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1872.47	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1911.11	3.25	0	76.63	0	0.1	0	0	13.27	0	0	0	0	0	0	10.31	10.31
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2009.58	3.25	0	77.06	0	0.13	0	0	13.48	0	0	0	0	0	0	9.64	9.64
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2022.11	3.25	0	77.12	0	0.14	0	0	13.51	0	0	0	0	0	0	9.55	9.55
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2110.85	3.25	0	77.49	0	0.16	0	0	13.69	0	0	0	0	0	0	8.97	8.97
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2166.79	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2282.19	3.25	0	78.17	0	0.2	0	0	14.04	0	0	0	0	0	0	7.9	7.9
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2417.21	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.11	7.11
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2510.05	3.25	0	78.99	0	0.26	0	0	14.48	0	0	0	0	0	0	6.58	6.58
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2661.99	3.25	0	79.5	0	0.29	0	0	14.76	0	0	0	0	0	0	5.75	5.75
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2760.69	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.23	5.23
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2841.58	3.25	0	80.07	0	0.33	0	0	15.09	0	0	0	0	0	0	4.82	4.82
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2878.13	3.25	0	80.18	0	0.34	0	0	15.16	0	0	0	0	0	0	4.64	4.64
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2968.06	3.25	0	80.45	0	0.36	0	0	15.32	0	0	0	0	0	0	4.19	4.19
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2990.74	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3057.59	3.25	0	80.71	0	0.37	0	0	15.47	0	0	0	0	0	0	3.76	3.76
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3129.78	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.42	3.42
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3195.75	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.11	3.11
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3268.24	3.25	0	81.29	0	0.41	0	0	15.84	0	0	0	0	0	0	2.78	2.78
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3351.57	3.25	0	81.5	0	0.43	0	0	15.98	0	0	0	0	0	0	2.4	2.4
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3415.37	3.25	0	81.67	0	0.44	0	0	16.09	0	0	0	0	0	0	2.12	2.12
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1353.21	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	13.87	13.87
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1463.5	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	12.95	12.95
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1499.53	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	12.66	12.66
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1575	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1581.21	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.03	12.03
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1668.56	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1685.16	3.25	0	75.53	0	0.46	0	0	3.82	0	0	0	0	0	0	11.27	11.27
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1766.82	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.69	10.69
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1842.74	3.25	0	76.31	0	0.5	0	0	4.1	0	0	0	0	0	0	10.17	10.17
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3544.36	3.5	0	81.99	0	3.5	0	0	2.6	0	0	0	0	0	0	8.54	8.54
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1875.17	3.25	0	76.46	0	0.51	0	0	4.15	0	0	0	0	0	0	9.95	9.95
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1914.34	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.7	9.7
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2006.15	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.11	9.11
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2018.66	3.25	0	77.1	0	0.55	0	0	4.4	0	0	0	0	0	0	9.03	9.03
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2114.6	3.25	0	77.5	0	0.57	0	0	4.56	0	0	0	0	0	0	8.44	8.44
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2169.75	3.25	0	77.73	0	0.59	0	0	4.65	0	0	0	0	0	0	8.11	8.11
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2285.42	3.25	0	78.18	0	0.62	0	0	4.84	0	0	0	0	0	0	7.44	7.44
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2420.59	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.68	6.68
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2513.07	3.25	0	79	0	0.68	0	0	5.21	0	0	0	0	0	0	6.18	6.18
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2665.16	3.25	0	79.51	0	0.72	0	0	5.45	0	0	0	0	0	0	5.4	5.4
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2757.36	3.25	0	79.81	0	0.74	0	0	5.59	0	0	0	0	0	0	4.93	4.93
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2837.84	3.25	0	80.06	0	0.76	0	0	5.71	0	0	0	0	0	0	4.54	4.54
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2882.32	3.25	0	80.19	0	0.78	0	0	5.78	0	0	0	0	0	0	4.33	4.33
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2971.95	3.25	0	80.46	0	0.8	0	0	5.92	0	0	0	0	0	0	3.9	3.9
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2986.38	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.83	3.83
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3054.14	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.52	3.52
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3126.51	3.25	0	80.9	0	0.84	0	0	6.15	0	0	0	0	0	0	3.19	3.19

	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3199.33	3.25	0	81.1	0	0.85	0	0	6.25	0	0	0	0	0	0	2.87	2.87
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3272.31	3.25	0	81.3	0	0.87	0	0	6.36	0	0	0	0	0	0	2.55	2.55
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3347.22	3.25	0	81.49	0	0.89	0	0	6.47	0	0	0	0	0	0	2.23	2.23
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3411.22	3.25	0	81.66	0	0.9	0	0	6.56	0	0	0	0	0	0	1.96	1.96
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3537.79	3.77	0	81.97	0	-0.17	0	0	6.74	0	0	0	0	0	0	-1.56	-1.56
imit. Value D/N:	0	0																								
Level D/N:	28.5536	28.5536																								

Receiver: Existing Noise Receptor
ID: R74
X: 338896
Y: 4680862
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3546.99	4.15	0	82	0	-0.42	0	0	6.75	0	0	0	0	0	0	22.86	22.86
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1376.67	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.61	14.61
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1485.93	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1519.77	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1599.01	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.67	12.67
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1602.55	3.25	0	75.1	0	0	0	0	12.57	0	0	0	0	0	0	12.64	12.64
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1690.84	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1709.83	3.25	0	75.66	0	0.04	0	0	12.82	0	0	0	0	0	0	11.79	11.79
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1790.53	3.25	0	76.06	0	0.07	0	0	13.01	0	0	0	0	0	0	11.18	11.18
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1875.39	3.25	0	76.46	0	0.09	0	0	13.2	0	0	0	0	0	0	10.56	10.56
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1897.74	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.4	10.4
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1938.38	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2035.51	3.25	0	77.17	0	0.14	0	0	13.54	0	0	0	0	0	0	9.46	9.46
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2050.17	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.37	9.37
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2137.76	3.25	0	77.6	0	0.17	0	0	13.75	0	0	0	0	0	0	8.8	8.8
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2191.09	3.25	0	77.81	0	0.18	0	0	13.86	0	0	0	0	0	0	8.46	8.46
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2307.44	3.25	0	78.26	0	0.21	0	0	14.09	0	0	0	0	0	0	7.75	7.75
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2442.93	3.25	0	78.76	0	0.24	0	0	14.35	0	0	0	0	0	0	6.96	6.96
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2536.58	3.25	0	79.08	0	0.27	0	0	14.53	0	0	0	0	0	0	6.43	6.43
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2689.05	3.25	0	79.59	0	0.3	0	0	14.81	0	0	0	0	0	0	5.61	5.61
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2788.32	3.25	0	79.91	0	0.32	0	0	14.99	0	0	0	0	0	0	5.09	5.09
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2868.48	3.25	0	80.15	0	0.34	0	0	15.14	0	0	0	0	0	0	4.69	4.69
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2906.3	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.5	4.5
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2995.38	3.25	0	80.53	0	0.36	0	0	15.36	0	0	0	0	0	0	4.06	4.06
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3019.33	3.25	0	80.6	0	0.37	0	0	15.41	0	0	0	0	0	0	3.94	3.94
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3085.64	3.25	0	80.79	0	0.38	0	0	15.52	0	0	0	0	0	0	3.62	3.62
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3157.17	3.25	0	80.99	0	0.39	0	0	15.65	0	0	0	0	0	0	3.29	3.29
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3224.21	3.25	0	81.17	0	0.4	0	0	15.76	0	0	0	0	0	0	2.98	2.98
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3296.05	3.25	0	81.36	0	0.42	0	0	15.89	0	0	0	0	0	0	2.65	2.65
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3380.18	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.27	2.27
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3443.43	3.25	0	81.74	0	0.44	0	0	16.14	0	0	0	0	0	0	1.99	1.99
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1380.61	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	13.63	13.63
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1489.38	3.25	0	74.46	0	0.41	0	0	3.46	0	0	0	0	0	0	12.75	12.75
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1521.82	3.25	0	74.65	0	0.42	0	0	3.52	0	0	0	0	0	0	12.49	12.49
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1602.25	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.87	11.87
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1605.55	3.25	0	75.11	0	0.44	0	0	3.68	0	0	0	0	0	0	11.85	11.85
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1694.23	3.25	0	75.58	0	0.46	0	0	3.84	0	0	0	0	0	0	11.2	11.2
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1713.35	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.06	11.06
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1793.67	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	10.5	10.5
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1871.1	3.25	0	76.44	0	0.51	0	0	4.15	0	0	0	0	0	0	9.98	9.98
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3571.88	3.5	0	82.06	0	3.51	0	0	2.61	0	0	0	0	0	0	8.45	8.45
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1900.47	3.25	0	76.58	0	0.52	0	0	4.2	0	0	0	0	0	0	9.79	9.79
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1941.64	3.25	0	76.76	0	0.53	0	0	4.27	0	0	0	0	0	0	9.52	9.52
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2032.04	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.94	8.94
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2046.7	3.25	0	77.22	0	0.56	0	0	4.45	0	0	0	0	0	0	8.85	8.85
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2141.55	3.25	0	77.61	0	0.58	0	0	4.6	0	0	0	0	0	0	8.28	8.28
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2194.08	3.25	0	77.83	0	0.6	0	0	4.69	0	0	0	0	0	0	7.96	7.96
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2310.71	3.25	0	78.27	0	0.63	0	0	4.88	0	0	0	0	0	0	7.29	7.29
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2446.34	3.25	0	78.77	0	0.66	0	0	5.1	0	0	0	0	0	0	6.54	6.54
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2539.63	3.25	0	79.1	0	0.69	0	0	5.25	0	0	0	0	0	0	6.04	6.04
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2692.24	3.25	0	79.6	0	0.73	0	0	5.49	0	0	0	0	0	0	5.26	5.26
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2784.98	3.25	0	79.9	0	0.75	0	0	5.63	0	0	0	0	0	0	4.8	4.8
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2864.71	3.25	0	80.14	0	0.77	0	0	5.75	0	0	0	0	0	0	4.41	4.41
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2910.51	3.25	0	80.28	0	0.78	0	0	5.82	0	0	0	0	0	0	4.19	4.19
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2999.29	3.25	0	80.54	0	0.8	0	0	5.96	0	0	0	0	0	0	3.77	3.77

	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3014.97	3.25	0	80.59	0	0.81	0	0	5.98	0	0	0	0	0	0	3.7	3.7
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3082.17	3.25	0	80.78	0	0.83	0	0	6.08	0	0	0	0	0	0	3.39	3.39
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3153.89	3.25	0	80.98	0	0.84	0	0	6.19	0	0	0	0	0	0	3.07	3.07
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3227.81	3.25	0	81.18	0	0.86	0	0	6.29	0	0	0	0	0	0	2.74	2.74
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3300.14	3.25	0	81.37	0	0.88	0	0	6.4	0	0	0	0	0	0	2.43	2.43
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3375.81	3.25	0	81.57	0	0.9	0	0	6.51	0	0	0	0	0	0	2.11	2.11
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3439.26	3.25	0	81.73	0	0.91	0	0	6.6	0	0	0	0	0	0	1.84	1.84
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3565.24	3.77	0	82.04	0	-0.17	0	0	6.77	0	0	0	0	0	0	-1.67	-1.67
imit. Value D/N:	0	0																								
Level D/N:	28.3875	28.3875																								

Receiver: Existing Noise Receptor
ID: R75
X: 338859
Y: 4680865
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3569.21	4.15	0	82.05	0	-0.42	0	0	6.78	0	0	0	0	0	0	22.77	22.77
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1398.96	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1505.08	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.46	13.46
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1532.5	3.25	0	74.71	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.22	13.22
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1618.79	3.25	0	75.18	0	0.01	0	0	12.61	0	0	0	0	0	0	12.51	12.51
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1620.98	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1709.54	3.25	0	75.66	0	0.04	0	0	12.82	0	0	0	0	0	0	11.79	11.79
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1733.9	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1811.6	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.02	11.02
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1899.97	3.25	0	76.57	0	0.1	0	0	13.25	0	0	0	0	0	0	10.39	10.39
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1915.7	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1960.39	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.97	9.97
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2054.72	3.25	0	77.26	0	0.14	0	0	13.58	0	0	0	0	0	0	9.34	9.34
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2073.95	3.25	0	77.34	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2158.96	3.25	0	77.68	0	0.17	0	0	13.79	0	0	0	0	0	0	8.66	8.66
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2207.2	3.25	0	77.88	0	0.19	0	0	13.89	0	0	0	0	0	0	8.36	8.36
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2325.31	3.25	0	78.33	0	0.22	0	0	14.12	0	0	0	0	0	0	7.65	7.65
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2461.68	3.25	0	78.82	0	0.25	0	0	14.39	0	0	0	0	0	0	6.85	6.85
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2556.94	3.25	0	79.15	0	0.27	0	0	14.57	0	0	0	0	0	0	6.32	6.32
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2710.49	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.5	5.5
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2811.02	3.25	0	79.98	0	0.32	0	0	15.03	0	0	0	0	0	0	4.98	4.98
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2889.57	3.25	0	80.22	0	0.34	0	0	15.18	0	0	0	0	0	0	4.58	4.58
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2930.26	3.25	0	80.34	0	0.35	0	0	15.25	0	0	0	0	0	0	4.38	4.38
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3017.36	3.25	0	80.59	0	0.37	0	0	15.4	0	0	0	0	0	0	3.95	3.95
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3044.35	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.82	3.82
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3109.28	3.25	0	80.85	0	0.38	0	0	15.56	0	0	0	0	0	0	3.51	3.51
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3179.32	3.25	0	81.05	0	0.4	0	0	15.69	0	0	0	0	0	0	3.18	3.18
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3248.87	3.25	0	81.23	0	0.41	0	0	15.81	0	0	0	0	0	0	2.86	2.86
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3319.14	3.25	0	81.42	0	0.42	0	0	15.93	0	0	0	0	0	0	2.55	2.55
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3405.19	3.25	0	81.64	0	0.44	0	0	16.07	0	0	0	0	0	0	2.16	2.16
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3467.09	3.25	0	81.8	0	0.45	0	0	16.18	0	0	0	0	0	0	1.89	1.89
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1403	3.25	0	73.94	0	0.38	0	0	3.3	0	0	0	0	0	0	13.45	13.45
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1508.64	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	12.59	12.59
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1534.65	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	12.39	12.39
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1621.9	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.73	11.73
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1624.29	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	11.71	11.71
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1713.03	3.25	0	75.68	0	0.47	0	0	3.87	0	0	0	0	0	0	11.07	11.07
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1737.47	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1814.8	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.36	10.36
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1895.62	3.25	0	76.56	0	0.52	0	0	4.19	0	0	0	0	0	0	9.82	9.82
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3594.27	3.5	0	82.11	0	3.51	0	0	2.63	0	0	0	0	0	0	8.38	8.38
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1918.5	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	9.67	9.67
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1963.7	3.25	0	76.86	0	0.53	0	0	4.3	0	0	0	0	0	0	9.38	9.38
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2051.18	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.83	8.83
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2070.43	3.25	0	77.32	0	0.56	0	0	4.49	0	0	0	0	0	0	8.71	8.71
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2162.81	3.25	0	77.7	0	0.59	0	0	4.64	0	0	0	0	0	0	8.15	8.15
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2210.28	3.25	0	77.89	0	0.6	0	0	4.72	0	0	0	0	0	0	7.87	7.87
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2328.65	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.19	7.19
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2465.15	3.25	0	78.84	0	0.67	0	0	5.13	0	0	0	0	0	0	6.44	6.44
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2560.04	3.25	0	79.16	0	0.69	0	0	5.28	0	0	0	0	0	0	5.94	5.94
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2713.72	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.15	5.15
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2807.64	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69

Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2885.75	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.31	4.31
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2934.51	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.08	4.08
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3021.32	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.67	3.67
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3039.94	3.25	0	80.66	0	0.81	0	0	6.02	0	0	0	0	0	0	3.59	3.59
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3105.78	3.25	0	80.84	0	0.83	0	0	6.11	0	0	0	0	0	0	3.29	3.29
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3176.01	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.97	2.97
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3252.5	3.25	0	81.24	0	0.87	0	0	6.33	0	0	0	0	0	0	2.64	2.64
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3323.26	3.25	0	81.43	0	0.88	0	0	6.43	0	0	0	0	0	0	2.33	2.33
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3400.79	3.25	0	81.63	0	0.9	0	0	6.54	0	0	0	0	0	0	2	2
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3462.89	3.25	0	81.79	0	0.92	0	0	6.63	0	0	0	0	0	0	1.74	1.74
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3587.48	3.77	0	82.1	0	-0.16	0	0	6.8	0	0	0	0	0	0	-1.76	-1.76

imit. Value D/N: 0 0

Level D/N: 28.2605 28.2605

Receiver: Existing Noise Receptor

ID: R76

X: 338877

Y: 4680946

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3496.96	4.15	0	81.87	0	-0.43	0	0	6.68	0	0	0	0	0	0	23.06	23.06
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1327.47	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.07	15.07
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1429.53	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1451.71	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1540.4	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.15	13.15
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1548.87	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.08	13.08
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1633.43	3.25	0	75.26	0	0.01	0	0	12.65	0	0	0	0	0	0	12.39	12.39
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1664.91	3.25	0	75.43	0	0.02	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1738.19	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1831.78	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1838.77	3.25	0	76.29	0	0.08	0	0	13.11	0	0	0	0	0	0	10.83	10.83
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1888.17	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.47	10.47
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1979.04	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.84	9.84
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2004.33	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2085.6	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.13	9.13
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2128.56	3.25	0	77.56	0	0.16	0	0	13.73	0	0	0	0	0	0	8.86	8.86
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2248.2	3.25	0	78.04	0	0.2	0	0	13.97	0	0	0	0	0	0	8.11	8.11
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2385.41	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.29	7.29
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2482.45	3.25	0	78.9	0	0.25	0	0	14.42	0	0	0	0	0	0	6.74	6.74
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2637.32	3.25	0	79.42	0	0.29	0	0	14.72	0	0	0	0	0	0	5.89	5.89
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2739.56	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.34	5.34
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2815.9	3.25	0	79.99	0	0.33	0	0	15.04	0	0	0	0	0	0	4.95	4.95
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2860.69	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.72	4.72
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2944.86	3.25	0	80.38	0	0.35	0	0	15.27	0	0	0	0	0	0	4.31	4.31
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2976.53	3.25	0	80.47	0	0.36	0	0	15.33	0	0	0	0	0	0	4.15	4.15
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3039.19	3.25	0	80.66	0	0.37	0	0	15.44	0	0	0	0	0	0	3.85	3.85
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3107.01	3.25	0	80.85	0	0.38	0	0	15.56	0	0	0	0	0	0	3.52	3.52
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3180.4	3.25	0	81.05	0	0.4	0	0	15.69	0	0	0	0	0	0	3.18	3.18
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3248.15	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.87	2.87
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3337.32	3.25	0	81.47	0	0.42	0	0	15.96	0	0	0	0	0	0	2.46	2.46
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3396.97	3.25	0	81.62	0	0.43	0	0	16.06	0	0	0	0	0	0	2.2	2.2
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1331.64	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	14.05	14.05
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1433.2	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.2	13.2
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1453.92	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	13.03	13.03
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1543.6	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	12.32	12.32
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1552.28	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.25	12.25
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1637.01	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.62	11.62
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1668.57	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1741.47	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	10.87	10.87
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1827.32	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	10.27	10.27
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1841.64	3.25	0	76.3	0	0.5	0	0	4.09	0	0	0	0	0	0	10.18	10.18
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3522.26	3.5	0	81.94	0	3.5	0	0	2.59	0	0	0	0	0	0	8.61	8.61
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1891.56	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	9.84	9.84
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1975.41	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.3	9.3
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2000.73	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2089.54	3.25	0	77.4	0	0.57	0	0	4.52	0	0	0	0	0	0	8.59	8.59
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2131.7	3.25	0	77.57	0	0.58	0	0	4.59	0	0	0	0	0	0	8.33	8.33
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2251.61	3.25	0	78.05	0	0.61	0	0	4.79	0	0	0	0	0	0	7.63	7.63
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2388.95	3.25	0	78.56	0	0.65	0	0	5.01	0	0	0	0	0	0	6.85	6.85

	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2485.61	3.25	0	78.91	0	0.67	0	0	5.16	0	0	0	0	0	0	6.33	6.33
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2640.6	3.25	0	79.43	0	0.71	0	0	5.41	0	0	0	0	0	0	5.52	5.52
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2736.12	3.25	0	79.74	0	0.74	0	0	5.56	0	0	0	0	0	0	5.04	5.04
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2812.02	3.25	0	79.98	0	0.76	0	0	5.67	0	0	0	0	0	0	4.67	4.67
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2865.01	3.25	0	80.14	0	0.77	0	0	5.75	0	0	0	0	0	0	4.41	4.41
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2948.88	3.25	0	80.39	0	0.79	0	0	5.88	0	0	0	0	0	0	4.01	4.01
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2972.07	3.25	0	80.46	0	0.8	0	0	5.92	0	0	0	0	0	0	3.9	3.9
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3035.63	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3103.65	3.25	0	80.84	0	0.83	0	0	6.11	0	0	0	0	0	0	3.3	3.3
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3184.08	3.25	0	81.06	0	0.85	0	0	6.23	0	0	0	0	0	0	2.94	2.94
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3252.33	3.25	0	81.24	0	0.87	0	0	6.33	0	0	0	0	0	0	2.64	2.64
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3332.86	3.25	0	81.46	0	0.89	0	0	6.44	0	0	0	0	0	0	2.29	2.29
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3392.71	3.25	0	81.61	0	0.9	0	0	6.53	0	0	0	0	0	0	2.03	2.03
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3515.26	3.77	0	81.92	0	-0.18	0	0	6.7	0	0	0	0	0	0	-1.47	-1.47
imit. Value D/N:	0	0																								
Level D/N:	28.7256	28.7256																								

Receiver: Existing Noise Receptor
ID: R77
X: 338833
Y: 4680866
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3585.8	4.15	0	82.09	0	-0.42	0	0	6.8	0	0	0	0	0	0	22.7	22.7
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1415.81	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.25	14.25
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1519.82	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1542.91	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.13	13.13
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1631.55	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.4	12.4
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1637.56	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1723.94	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1751.85	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.47	11.47
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1827.55	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1918.25	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1929.56	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	10.18	10.18
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1976.94	3.25	0	76.92	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2069.4	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2091.67	3.25	0	77.41	0	0.15	0	0	13.65	0	0	0	0	0	0	9.09	9.09
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2174.96	3.25	0	77.75	0	0.18	0	0	13.82	0	0	0	0	0	0	8.56	8.56
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2219.77	3.25	0	77.93	0	0.19	0	0	13.91	0	0	0	0	0	0	8.28	8.28
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2339.05	3.25	0	78.38	0	0.22	0	0	14.15	0	0	0	0	0	0	7.56	7.56
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2476	3.25	0	78.87	0	0.25	0	0	14.41	0	0	0	0	0	0	6.77	6.77
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2572.34	3.25	0	79.21	0	0.27	0	0	14.59	0	0	0	0	0	0	6.24	6.24
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2726.6	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.41	5.41
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2827.97	3.25	0	80.03	0	0.33	0	0	15.06	0	0	0	0	0	0	4.89	4.89
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2905.42	3.25	0	80.26	0	0.34	0	0	15.2	0	0	0	0	0	0	4.5	4.5
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2948.03	3.25	0	80.39	0	0.35	0	0	15.28	0	0	0	0	0	0	4.29	4.29
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3033.82	3.25	0	80.64	0	0.37	0	0	15.43	0	0	0	0	0	0	3.87	3.87
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3062.82	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.73	3.73
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3126.84	3.25	0	80.9	0	0.39	0	0	15.59	0	0	0	0	0	0	3.43	3.43
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3195.87	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.11	3.11
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3267.1	3.25	0	81.28	0	0.41	0	0	15.84	0	0	0	0	0	0	2.78	2.78
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3336.31	3.25	0	81.47	0	0.42	0	0	15.96	0	0	0	0	0	0	2.47	2.47
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3423.65	3.25	0	81.69	0	0.44	0	0	16.1	0	0	0	0	0	0	2.08	2.08
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3484.65	3.25	0	81.84	0	0.45	0	0	16.21	0	0	0	0	0	0	1.81	1.81
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1419.91	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	13.31	13.31
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1523.44	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.48	12.48
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1545.13	3.25	0	74.78	0	0.42	0	0	3.57	0	0	0	0	0	0	12.31	12.31
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1634.74	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.63	11.63
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1640.92	3.25	0	75.3	0	0.45	0	0	3.74	0	0	0	0	0	0	11.59	11.59
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1727.48	3.25	0	75.75	0	0.47	0	0	3.89	0	0	0	0	0	0	10.96	10.96
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1755.46	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	10.77	10.77
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1830.79	3.25	0	76.25	0	0.5	0	0	4.08	0	0	0	0	0	0	10.25	10.25
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3610.98	3.5	0	82.15	0	3.51	0	0	2.63	0	0	0	0	0	0	8.33	8.33
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1913.86	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.7	9.7
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1932.41	3.25	0	76.72	0	0.53	0	0	4.25	0	0	0	0	0	0	9.58	9.58
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1980.29	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2065.81	3.25	0	77.3	0	0.56	0	0	4.48	0	0	0	0	0	0	8.74	8.74
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2088.11	3.25	0	77.4	0	0.57	0	0	4.52	0	0	0	0	0	0	8.6	8.6
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2178.85	3.25	0	77.76	0	0.59	0	0	4.67	0	0	0	0	0	0	8.05	8.05

Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2222.9	3.25	0	77.94	0	0.6	0	0	4.74	0	0	0	0	0	0	7.8	7.8
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2342.44	3.25	0	78.39	0	0.63	0	0	4.93	0	0	0	0	0	0	7.11	7.11
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2479.51	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.36	6.36
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2575.47	3.25	0	79.22	0	0.7	0	0	5.31	0	0	0	0	0	0	5.86	5.86
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2729.86	3.25	0	79.72	0	0.74	0	0	5.55	0	0	0	0	0	0	5.07	5.07
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2824.56	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.6	4.6
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2901.57	3.25	0	80.25	0	0.78	0	0	5.81	0	0	0	0	0	0	4.23	4.23
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2952.31	3.25	0	80.4	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3037.81	3.25	0	80.65	0	0.81	0	0	6.01	0	0	0	0	0	0	3.6	3.6
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3058.39	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.5	3.5
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3123.32	3.25	0	80.89	0	0.84	0	0	6.14	0	0	0	0	0	0	3.21	3.21
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3192.54	3.25	0	81.08	0	0.85	0	0	6.24	0	0	0	0	0	0	2.9	2.9
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3270.75	3.25	0	81.29	0	0.87	0	0	6.36	0	0	0	0	0	0	2.56	2.56
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3340.46	3.25	0	81.48	0	0.89	0	0	6.46	0	0	0	0	0	0	2.26	2.26
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3419.23	3.25	0	81.68	0	0.91	0	0	6.57	0	0	0	0	0	0	1.92	1.92
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3480.42	3.25	0	81.83	0	0.92	0	0	6.65	0	0	0	0	0	0	1.67	1.67
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3604.09	3.77	0	82.14	0	-0.16	0	0	6.83	0	0	0	0	0	0	-1.83	-1.83

imit. Value D/N: 0 0

Level D/N: 28.1651 28.1651

Receiver: Existing Noise Receptor

ID: R78

X: 338844

Y: 4680949

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3517.05	4.15	0	81.92	0	-0.43	0	0	6.71	0	0	0	0	0	0	22.98	22.98
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1348.46	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.87	14.87
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1447.58	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1463.85	3.25	0	74.31	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.81	13.81
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1555.7	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.03	13.03
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1569.37	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.91	12.91
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1650.92	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1687.21	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.96	11.96
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1757.75	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.42	11.42
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1854.45	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1855.47	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1908.49	3.25	0	76.61	0	0.1	0	0	13.27	0	0	0	0	0	0	10.33	10.33
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1996.81	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.72	9.72
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2026.2	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.52	9.52
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2105.12	3.25	0	77.47	0	0.16	0	0	13.68	0	0	0	0	0	0	9.01	9.01
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2143.45	3.25	0	77.62	0	0.17	0	0	13.76	0	0	0	0	0	0	8.76	8.76
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2264.64	3.25	0	78.1	0	0.2	0	0	14	0	0	0	0	0	0	8.01	8.01
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2402.6	3.25	0	78.61	0	0.23	0	0	14.27	0	0	0	0	0	0	7.19	7.19
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2501.08	3.25	0	78.96	0	0.26	0	0	14.46	0	0	0	0	0	0	6.63	6.63
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2656.88	3.25	0	79.49	0	0.29	0	0	14.75	0	0	0	0	0	0	5.78	5.78
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2760.22	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.24	5.24
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2835.1	3.25	0	80.05	0	0.33	0	0	15.08	0	0	0	0	0	0	4.85	4.85
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2882.45	3.25	0	80.2	0	0.34	0	0	15.16	0	0	0	0	0	0	4.61	4.61
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2964.84	3.25	0	80.44	0	0.36	0	0	15.31	0	0	0	0	0	0	4.21	4.21
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2999.22	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3060.63	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3127.1	3.25	0	80.9	0	0.39	0	0	15.6	0	0	0	0	0	0	3.43	3.43
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3202.73	3.25	0	81.11	0	0.4	0	0	15.73	0	0	0	0	0	0	3.08	3.08
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3269.06	3.25	0	81.29	0	0.41	0	0	15.84	0	0	0	0	0	0	2.77	2.77
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3359.94	3.25	0	81.53	0	0.43	0	0	16	0	0	0	0	0	0	2.36	2.36
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3418.37	3.25	0	81.68	0	0.44	0	0	16.09	0	0	0	0	0	0	2.1	2.1
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1352.71	3.25	0	73.62	0	0.37	0	0	3.21	0	0	0	0	0	0	13.87	13.87
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1451.34	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1466.15	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1559	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.2	12.2
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1572.84	3.25	0	74.93	0	0.43	0	0	3.62	0	0	0	0	0	0	12.1	12.1
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1654.58	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1690.92	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.22	11.22
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1761.09	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	10.73	10.73
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1849.94	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	10.12	10.12
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1858.4	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.06	10.06
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3542.5	3.5	0	81.99	0	3.5	0	0	2.6	0	0	0	0	0	0	8.54	8.54
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1911.93	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	9.71	9.71

Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1993.12	3.25	0	76.99	0	0.54	0	0	4.35	0	0	0	0	0	0	9.19	9.19
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2022.56	3.25	0	77.12	0	0.55	0	0	4.4	0	0	0	0	0	0	9	9
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2109.11	3.25	0	77.48	0	0.57	0	0	4.55	0	0	0	0	0	0	8.47	8.47
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2146.66	3.25	0	77.64	0	0.58	0	0	4.61	0	0	0	0	0	0	8.25	8.25
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2268.11	3.25	0	78.11	0	0.62	0	0	4.81	0	0	0	0	0	0	7.53	7.53
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2406.2	3.25	0	78.63	0	0.65	0	0	5.04	0	0	0	0	0	0	6.76	6.76
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2504.27	3.25	0	78.97	0	0.68	0	0	5.19	0	0	0	0	0	0	6.23	6.23
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2660.2	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.42	5.42
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2756.75	3.25	0	79.81	0	0.74	0	0	5.59	0	0	0	0	0	0	4.94	4.94
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2831.17	3.25	0	80.04	0	0.76	0	0	5.7	0	0	0	0	0	0	4.57	4.57
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2886.81	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.3	4.3
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2968.89	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.92	3.92
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2994.72	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3057.05	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.51	3.51
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3123.71	3.25	0	80.89	0	0.84	0	0	6.14	0	0	0	0	0	0	3.21	3.21
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3206.44	3.25	0	81.12	0	0.86	0	0	6.26	0	0	0	0	0	0	2.84	2.84
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3273.27	3.25	0	81.3	0	0.87	0	0	6.36	0	0	0	0	0	0	2.55	2.55
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3355.45	3.25	0	81.52	0	0.89	0	0	6.48	0	0	0	0	0	0	2.19	2.19
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3414.08	3.25	0	81.67	0	0.91	0	0	6.56	0	0	0	0	0	0	1.94	1.94
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3535.37	3.77	0	81.97	0	-0.17	0	0	6.73	0	0	0	0	0	0	-1.55	-1.55
imit. Value D/N:	0	0																							
Level D/N:	28.6048	28.6048																							

Receiver: Existing Noise Receptor
ID: R79
X: 338826
Y: 4680941
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3535.15	4.15	0	81.97	0	-0.43	0	0	6.73	0	0	0	0	0	0	22.9	22.9
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1366.86	3.25	0	73.71	0	-0.08	0	0	11.98	0	0	0	0	0	0	14.7	14.7
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1465.11	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1479.26	3.25	0	74.4	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.68	13.68
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1572.3	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.89	12.89
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1587.63	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1668.25	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.11	12.11
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1705.94	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.82	11.82
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1775.73	3.25	0	75.99	0	0.06	0	0	12.97	0	0	0	0	0	0	11.29	11.29
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1872.53	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1873.26	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1926.69	3.25	0	76.7	0	0.11	0	0	13.31	0	0	0	0	0	0	10.2	10.2
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2014.22	3.25	0	77.08	0	0.13	0	0	13.49	0	0	0	0	0	0	9.6	9.6
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2044.81	3.25	0	77.21	0	0.14	0	0	13.56	0	0	0	0	0	0	9.4	9.4
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2123.08	3.25	0	77.54	0	0.16	0	0	13.72	0	0	0	0	0	0	8.89	8.89
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2159.86	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.66	8.66
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2281.59	3.25	0	78.16	0	0.2	0	0	14.04	0	0	0	0	0	0	7.91	7.91
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2419.81	3.25	0	78.68	0	0.24	0	0	14.3	0	0	0	0	0	0	7.09	7.09
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2518.75	3.25	0	79.02	0	0.26	0	0	14.49	0	0	0	0	0	0	6.53	6.53
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2674.83	3.25	0	79.55	0	0.3	0	0	14.79	0	0	0	0	0	0	5.68	5.68
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2778.5	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.14	5.14
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2852.94	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.76	4.76
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2901.03	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2982.91	3.25	0	80.49	0	0.36	0	0	15.34	0	0	0	0	0	0	4.12	4.12
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3018.02	3.25	0	80.59	0	0.37	0	0	15.4	0	0	0	0	0	0	3.95	3.95
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3079.12	3.25	0	80.77	0	0.38	0	0	15.51	0	0	0	0	0	0	3.66	3.66
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3145.2	3.25	0	80.95	0	0.39	0	0	15.63	0	0	0	0	0	0	3.34	3.34
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3221.44	3.25	0	81.16	0	0.4	0	0	15.76	0	0	0	0	0	0	2.99	2.99
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3287.4	3.25	0	81.34	0	0.41	0	0	15.87	0	0	0	0	0	0	2.69	2.69
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3378.73	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.28	2.28
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3436.84	3.25	0	81.72	0	0.44	0	0	16.13	0	0	0	0	0	0	2.02	2.02
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1371.14	3.25	0	73.74	0	0.38	0	0	3.24	0	0	0	0	0	0	13.72	13.72
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1468.9	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	12.91	12.91
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1481.59	3.25	0	74.41	0	0.4	0	0	3.45	0	0	0	0	0	0	12.81	12.81
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1575.63	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1591.12	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	11.96	11.96
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1671.94	3.25	0	75.46	0	0.46	0	0	3.8	0	0	0	0	0	0	11.36	11.36
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1709.66	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1779.09	3.25	0	76	0	0.48	0	0	3.99	0	0	0	0	0	0	10.6	10.6
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1868.74	3.25	0	76.43	0	0.51	0	0	4.14	0	0	0	0	0	0	10	10

Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1875.49	3.25	0	76.46	0	0.51	0	0	4.15	0	0	0	0	0	0	9.95	9.95
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3560.64	3.5	0	82.03	0	3.51	0	0	2.61	0	0	0	0	0	0	8.49	8.49
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1930.15	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	9.59	9.59
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2010.51	3.25	0	77.07	0	0.55	0	0	4.38	0	0	0	0	0	0	9.08	9.08
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2041.16	3.25	0	77.2	0	0.55	0	0	4.44	0	0	0	0	0	0	8.89	8.89
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2127.09	3.25	0	77.56	0	0.58	0	0	4.58	0	0	0	0	0	0	8.36	8.36
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2163.09	3.25	0	77.7	0	0.59	0	0	4.64	0	0	0	0	0	0	8.15	8.15
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2285.09	3.25	0	78.18	0	0.62	0	0	4.84	0	0	0	0	0	0	7.44	7.44
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2423.43	3.25	0	78.69	0	0.66	0	0	5.07	0	0	0	0	0	0	6.67	6.67
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2521.96	3.25	0	79.03	0	0.68	0	0	5.22	0	0	0	0	0	0	6.14	6.14
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2678.17	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.33	5.33
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2775.01	3.25	0	79.87	0	0.75	0	0	5.62	0	0	0	0	0	0	4.85	4.85
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2849	3.25	0	80.09	0	0.77	0	0	5.73	0	0	0	0	0	0	4.49	4.49
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2905.39	3.25	0	80.26	0	0.78	0	0	5.82	0	0	0	0	0	0	4.22	4.22
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2986.98	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.83	3.83
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3013.52	3.25	0	80.58	0	0.81	0	0	5.98	0	0	0	0	0	0	3.71	3.71
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3075.53	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3141.8	3.25	0	80.94	0	0.84	0	0	6.17	0	0	0	0	0	0	3.13	3.13
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3225.16	3.25	0	81.17	0	0.86	0	0	6.29	0	0	0	0	0	0	2.76	2.76
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3291.62	3.25	0	81.35	0	0.88	0	0	6.39	0	0	0	0	0	0	2.47	2.47
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3374.23	3.25	0	81.56	0	0.9	0	0	6.5	0	0	0	0	0	0	2.11	2.11
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3432.54	3.25	0	81.71	0	0.91	0	0	6.59	0	0	0	0	0	0	1.87	1.87
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3553.47	3.77	0	82.01	0	-0.17	0	0	6.76	0	0	0	0	0	0	-1.62	-1.62

imit. Value D/N: 0 0

Level D/N: 28.4925 28.4925

Receiver: Existing Noise Receptor

ID: R80

X: 338802

Y: 4680866

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3606.6	4.15	0	82.14	0	-0.41	0	0	6.83	0	0	0	0	0	0	22.61	22.61
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1437.12	3.25	0	74.15	0	-0.06	0	0	12.17	0	0	0	0	0	0	14.05	14.05
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1538.72	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1556.87	3.25	0	74.85	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1648.18	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.27	12.27
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1658.52	3.25	0	75.39	0	0.02	0	0	12.71	0	0	0	0	0	0	12.19	12.19
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1742.4	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.54	11.54
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1774.33	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.3	11.3
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1847.77	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.76	10.76
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1941.07	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1947.38	3.25	0	76.79	0	0.11	0	0	13.35	0	0	0	0	0	0	10.06	10.06
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1997.82	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.71	9.71
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2088.14	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.12	9.12
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2113.85	3.25	0	77.5	0	0.16	0	0	13.7	0	0	0	0	0	0	8.95	8.95
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2195.18	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.44	8.44
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2236.07	3.25	0	77.99	0	0.19	0	0	13.95	0	0	0	0	0	0	8.18	8.18
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2356.69	3.25	0	78.45	0	0.22	0	0	14.18	0	0	0	0	0	0	7.46	7.46
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2494.28	3.25	0	78.94	0	0.26	0	0	14.45	0	0	0	0	0	0	6.67	6.67
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2591.84	3.25	0	79.27	0	0.28	0	0	14.63	0	0	0	0	0	0	6.13	6.13
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2746.91	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2849.21	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.78	4.78
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2925.43	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2970.22	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3054.5	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.77	3.77
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3085.79	3.25	0	80.79	0	0.38	0	0	15.52	0	0	0	0	0	0	3.62	3.62
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3148.77	3.25	0	80.96	0	0.39	0	0	15.63	0	0	0	0	0	0	3.33	3.33
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3216.66	3.25	0	81.15	0	0.4	0	0	15.75	0	0	0	0	0	0	3.01	3.01
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3289.78	3.25	0	81.34	0	0.42	0	0	15.88	0	0	0	0	0	0	2.68	2.68
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3357.8	3.25	0	81.52	0	0.43	0	0	15.99	0	0	0	0	0	0	2.37	2.37
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3446.59	3.25	0	81.75	0	0.44	0	0	16.14	0	0	0	0	0	0	1.98	1.98
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3506.56	3.25	0	81.9	0	0.45	0	0	16.24	0	0	0	0	0	0	1.72	1.72
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1441.29	3.25	0	74.18	0	0.39	0	0	3.38	0	0	0	0	0	0	13.13	13.13
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1542.42	3.25	0	74.76	0	0.42	0	0	3.56	0	0	0	0	0	0	12.33	12.33
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1559.16	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.2	12.2
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1651.44	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1661.93	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	11.43	11.43
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1746.02	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	10.83	10.83

Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1777.98	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	10.61	10.61
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1851.06	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3631.91	3.5	0	82.2	0	3.52	0	0	2.65	0	0	0	0	0	0	8.27	8.27
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1936.63	3.25	0	76.74	0	0.53	0	0	4.26	0	0	0	0	0	0	9.55	9.55
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1950.29	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	9.46	9.46
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2001.21	3.25	0	77.03	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2084.49	3.25	0	77.38	0	0.57	0	0	4.51	0	0	0	0	0	0	8.62	8.62
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2110.26	3.25	0	77.49	0	0.57	0	0	4.55	0	0	0	0	0	0	8.46	8.46
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2199.13	3.25	0	77.84	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2239.26	3.25	0	78	0	0.61	0	0	4.77	0	0	0	0	0	0	7.7	7.7
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2360.13	3.25	0	78.46	0	0.64	0	0	4.96	0	0	0	0	0	0	7.01	7.01
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2497.84	3.25	0	78.95	0	0.68	0	0	5.18	0	0	0	0	0	0	6.26	6.26
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2595.01	3.25	0	79.28	0	0.7	0	0	5.34	0	0	0	0	0	0	5.75	5.75
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2750.2	3.25	0	79.79	0	0.74	0	0	5.58	0	0	0	0	0	0	4.97	4.97
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2845.77	3.25	0	80.08	0	0.77	0	0	5.73	0	0	0	0	0	0	4.5	4.5
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2921.54	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.14	4.14
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2974.53	3.25	0	80.47	0	0.8	0	0	5.92	0	0	0	0	0	0	3.89	3.89
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3058.52	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.5	3.5
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3081.33	3.25	0	80.77	0	0.82	0	0	6.08	0	0	0	0	0	0	3.4	3.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3145.22	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.11	3.11
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3213.29	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.81	2.81
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3293.45	3.25	0	81.35	0	0.88	0	0	6.39	0	0	0	0	0	0	2.46	2.46
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3361.97	3.25	0	81.53	0	0.89	0	0	6.49	0	0	0	0	0	0	2.16	2.16
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3442.14	3.25	0	81.74	0	0.91	0	0	6.6	0	0	0	0	0	0	1.83	1.83
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3502.3	3.25	0	81.89	0	0.93	0	0	6.69	0	0	0	0	0	0	1.58	1.58
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3624.9	3.77	0	82.19	0	-0.15	0	0	6.86	0	0	0	0	0	0	-1.91	-1.91
imit. Value D/N: 0	0																								
Level D/N: 28.0451	28.0451																								

Receiver: Existing Noise Receptor
ID: R81
X: 338799
Y: 4680953
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3544.84	4.15	0	81.99	0	-0.42	0	0	6.75	0	0	0	0	0	0	22.86	22.86
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1377.9	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.59	14.59
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1473.1	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.73	13.73
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1481.51	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.66	13.66
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1577.54	3.25	0	74.96	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.84	12.84
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1598.07	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.67	12.67
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1675.6	3.25	0	75.48	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1718.24	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.72	11.72
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1785.14	3.25	0	76.03	0	0.06	0	0	13	0	0	0	0	0	0	11.22	11.22
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1879.01	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.54	10.54
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1885.92	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.49	10.49
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1936.85	3.25	0	76.74	0	0.11	0	0	13.33	0	0	0	0	0	0	10.13	10.13
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2021.73	3.25	0	77.11	0	0.14	0	0	13.51	0	0	0	0	0	0	9.55	9.55
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2056.56	3.25	0	77.26	0	0.15	0	0	13.58	0	0	0	0	0	0	9.32	9.32
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2132.35	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.83	8.83
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2164.48	3.25	0	77.71	0	0.17	0	0	13.8	0	0	0	0	0	0	8.63	8.63
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2287.72	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2426.66	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.05	7.05
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2527.02	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.49	6.49
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2684.04	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.64	5.64
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2788.85	3.25	0	79.91	0	0.32	0	0	14.99	0	0	0	0	0	0	5.09	5.09
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2861.75	3.25	0	80.13	0	0.33	0	0	15.13	0	0	0	0	0	0	4.72	4.72
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2912.54	3.25	0	80.29	0	0.34	0	0	15.22	0	0	0	0	0	0	4.46	4.46
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2992.52	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.07	4.07
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3030.53	3.25	0	80.63	0	0.37	0	0	15.43	0	0	0	0	0	0	3.89	3.89
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3090.28	3.25	0	80.8	0	0.38	0	0	15.53	0	0	0	0	0	0	3.6	3.6
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3154.92	3.25	0	80.98	0	0.39	0	0	15.64	0	0	0	0	0	0	3.3	3.3
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3233.54	3.25	0	81.19	0	0.41	0	0	15.78	0	0	0	0	0	0	2.93	2.93
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3297.96	3.25	0	81.36	0	0.42	0	0	15.89	0	0	0	0	0	0	2.64	2.64
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3391.13	3.25	0	81.61	0	0.43	0	0	16.05	0	0	0	0	0	0	2.22	2.22
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3447.92	3.25	0	81.75	0	0.44	0	0	16.14	0	0	0	0	0	0	1.97	1.97
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1382.26	3.25	0	73.81	0	0.38	0	0	3.27	0	0	0	0	0	0	13.62	13.62
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1476.98	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.84	12.84
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1483.93	3.25	0	74.43	0	0.41	0	0	3.45	0	0	0	0	0	0	12.79	12.79

Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1580.96	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	12.04	12.04
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1601.62	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1679.37	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.31	11.31
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1722.02	3.25	0	75.72	0	0.47	0	0	3.88	0	0	0	0	0	0	11	11
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1788.55	3.25	0	76.05	0	0.49	0	0	4	0	0	0	0	0	0	10.54	10.54
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1881.34	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	9.91	9.91
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1882.03	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	9.91	9.91
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3570.48	3.5	0	82.05	0	3.51	0	0	2.61	0	0	0	0	0	0	8.46	8.46
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1940.35	3.25	0	76.76	0	0.53	0	0	4.26	0	0	0	0	0	0	9.53	9.53
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2017.95	3.25	0	77.1	0	0.55	0	0	4.4	0	0	0	0	0	0	9.03	9.03
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2052.86	3.25	0	77.25	0	0.56	0	0	4.46	0	0	0	0	0	0	8.82	8.82
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2136.41	3.25	0	77.59	0	0.58	0	0	4.6	0	0	0	0	0	0	8.31	8.31
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2167.78	3.25	0	77.72	0	0.59	0	0	4.65	0	0	0	0	0	0	8.12	8.12
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2291.28	3.25	0	78.2	0	0.62	0	0	4.85	0	0	0	0	0	0	7.4	7.4
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2430.33	3.25	0	78.71	0	0.66	0	0	5.08	0	0	0	0	0	0	6.63	6.63
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2530.28	3.25	0	79.06	0	0.68	0	0	5.24	0	0	0	0	0	0	6.09	6.09
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2687.42	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.28	5.28
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2785.33	3.25	0	79.9	0	0.75	0	0	5.63	0	0	0	0	0	0	4.8	4.8
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2857.77	3.25	0	80.12	0	0.77	0	0	5.74	0	0	0	0	0	0	4.44	4.44
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2916.95	3.25	0	80.3	0	0.78	0	0	5.83	0	0	0	0	0	0	4.16	4.16
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2996.63	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.79	3.79
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3025.99	3.25	0	80.62	0	0.81	0	0	6	0	0	0	0	0	0	3.65	3.65
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3086.66	3.25	0	80.79	0	0.83	0	0	6.09	0	0	0	0	0	0	3.37	3.37
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3151.48	3.25	0	80.97	0	0.84	0	0	6.18	0	0	0	0	0	0	3.08	3.08
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3237.28	3.25	0	81.2	0	0.86	0	0	6.31	0	0	0	0	0	0	2.7	2.7
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3302.21	3.25	0	81.38	0	0.88	0	0	6.4	0	0	0	0	0	0	2.42	2.42
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3386.61	3.25	0	81.6	0	0.9	0	0	6.52	0	0	0	0	0	0	2.06	2.06
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3443.59	3.25	0	81.74	0	0.91	0	0	6.6	0	0	0	0	0	0	1.82	1.82
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3563.17	3.77	0	82.04	0	-0.17	0	0	6.77	0	0	0	0	0	0	-1.66	-1.66

imit. Value D/N: 0 0

Level D/N: 28.4377 28.4377

Receiver: Existing Noise Receptor

ID: R82

X: 338767

Y: 4680874

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3624.4	4.15	0	82.18	0	-0.41	0	0	6.86	0	0	0	0	0	0	22.54	22.54
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1455.94	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1554.32	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1566.17	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.94	12.94
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1660.81	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1676.8	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.04	12.04
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1757.37	3.25	0	75.9	0	0.06	0	0	12.93	0	0	0	0	0	0	11.43	11.43
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1794.63	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.15	11.15
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1865	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1961.46	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1961.8	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2015.9	3.25	0	77.09	0	0.13	0	0	13.5	0	0	0	0	0	0	9.59	9.59
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2103.37	3.25	0	77.46	0	0.16	0	0	13.68	0	0	0	0	0	0	9.02	9.02
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2133.67	3.25	0	77.58	0	0.17	0	0	13.74	0	0	0	0	0	0	8.82	8.82
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2212.35	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.33	8.33
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2248.12	3.25	0	78.04	0	0.2	0	0	13.97	0	0	0	0	0	0	8.11	8.11
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2370.43	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.38	7.38
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2508.84	3.25	0	78.99	0	0.26	0	0	14.47	0	0	0	0	0	0	6.59	6.59
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2607.99	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2764.1	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.22	5.22
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2867.67	3.25	0	80.15	0	0.34	0	0	15.14	0	0	0	0	0	0	4.69	4.69
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2942.21	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.32	4.32
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2989.93	3.25	0	80.51	0	0.36	0	0	15.35	0	0	0	0	0	0	4.08	4.08
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3072.16	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3106.58	3.25	0	80.85	0	0.38	0	0	15.56	0	0	0	0	0	0	3.52	3.52
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3168.12	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.24	3.24
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3234.45	3.25	0	81.2	0	0.41	0	0	15.78	0	0	0	0	0	0	2.93	2.93
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3310.16	3.25	0	81.4	0	0.42	0	0	15.91	0	0	0	0	0	0	2.59	2.59
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3376.53	3.25	0	81.57	0	0.43	0	0	16.02	0	0	0	0	0	0	2.29	2.29
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3467.32	3.25	0	81.8	0	0.45	0	0	16.18	0	0	0	0	0	0	1.89	1.89
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3525.86	3.25	0	81.95	0	0.46	0	0	16.27	0	0	0	0	0	0	1.64	1.64

Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1460.19	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.98	12.98
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1558.12	3.25	0	74.85	0	0.42	0	0	3.59	0	0	0	0	0	0	12.21	12.21
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1568.56	3.25	0	74.91	0	0.43	0	0	3.61	0	0	0	0	0	0	12.13	12.13
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1664.17	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1680.28	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1761.07	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	10.73	10.73
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1798.33	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1868.35	3.25	0	76.43	0	0.51	0	0	4.14	0	0	0	0	0	0	10	10
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3649.88	3.5	0	82.25	0	3.52	0	0	2.66	0	0	0	0	0	0	8.21	8.21
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1957.3	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	9.42	9.42
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1964.43	3.25	0	76.86	0	0.53	0	0	4.31	0	0	0	0	0	0	9.37	9.37
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2019.35	3.25	0	77.1	0	0.55	0	0	4.4	0	0	0	0	0	0	9.02	9.02
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2099.65	3.25	0	77.44	0	0.57	0	0	4.53	0	0	0	0	0	0	8.53	8.53
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2130.03	3.25	0	77.57	0	0.58	0	0	4.59	0	0	0	0	0	0	8.34	8.34
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2216.36	3.25	0	77.91	0	0.6	0	0	4.73	0	0	0	0	0	0	7.83	7.83
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2251.39	3.25	0	78.05	0	0.61	0	0	4.79	0	0	0	0	0	0	7.63	7.63
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2373.94	3.25	0	78.51	0	0.64	0	0	4.99	0	0	0	0	0	0	6.94	6.94
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2512.47	3.25	0	79	0	0.68	0	0	5.21	0	0	0	0	0	0	6.19	6.19
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2611.21	3.25	0	79.34	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2767.44	3.25	0	79.84	0	0.75	0	0	5.61	0	0	0	0	0	0	4.88	4.88
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2864.19	3.25	0	80.14	0	0.77	0	0	5.75	0	0	0	0	0	0	4.41	4.41
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2938.27	3.25	0	80.36	0	0.79	0	0	5.87	0	0	0	0	0	0	4.06	4.06
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2994.29	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.8	3.8
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3076.23	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3102.09	3.25	0	80.83	0	0.83	0	0	6.11	0	0	0	0	0	0	3.3	3.3
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3164.54	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3231.05	3.25	0	81.19	0	0.86	0	0	6.3	0	0	0	0	0	0	2.73	2.73
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3313.86	3.25	0	81.41	0	0.88	0	0	6.42	0	0	0	0	0	0	2.37	2.37
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3380.74	3.25	0	81.58	0	0.9	0	0	6.51	0	0	0	0	0	0	2.09	2.09
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3462.83	3.25	0	81.79	0	0.92	0	0	6.63	0	0	0	0	0	0	1.74	1.74
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3521.57	3.25	0	81.93	0	0.93	0	0	6.71	0	0	0	0	0	0	1.5	1.5
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3642.72	3.77	0	82.23	0	-0.15	0	0	6.88	0	0	0	0	0	0	-1.99	-1.99
imit. Value D/N:	0	0																							
Level D/N:	27.9453	27.9453																							

Receiver: Existing Noise Receptor
ID: R83
X: 338774
Y: 4680946
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3567.11	4.15	0	82.05	0	-0.42	0	0	6.78	0	0	0	0	0	0	22.77	22.77
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1400.9	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1494.66	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1499.83	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.5	13.5
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1597.61	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.68	12.68
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1620.78	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1696.8	3.25	0	75.59	0	0.04	0	0	12.8	0	0	0	0	0	0	11.89	11.89
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1741.74	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.54	11.54
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1807.36	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1899.74	3.25	0	76.57	0	0.1	0	0	13.25	0	0	0	0	0	0	10.39	10.39
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1909.55	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.32	10.32
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1959.4	3.25	0	76.84	0	0.12	0	0	13.38	0	0	0	0	0	0	9.98	9.98
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2042.98	3.25	0	77.21	0	0.14	0	0	13.55	0	0	0	0	0	0	9.41	9.41
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2079.82	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.17	9.17
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2154.47	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.69	8.69
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2184.14	3.25	0	77.79	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2308.21	3.25	0	78.27	0	0.21	0	0	14.09	0	0	0	0	0	0	7.75	7.75
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2447.53	3.25	0	78.77	0	0.24	0	0	14.36	0	0	0	0	0	0	6.93	6.93
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2548.64	3.25	0	79.13	0	0.27	0	0	14.55	0	0	0	0	0	0	6.37	6.37
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2706.11	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2811.46	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.97	4.97
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2883.62	3.25	0	80.2	0	0.34	0	0	15.17	0	0	0	0	0	0	4.61	4.61
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2935.66	3.25	0	80.35	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3014.77	3.25	0	80.59	0	0.36	0	0	15.4	0	0	0	0	0	0	3.96	3.96
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3054.06	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.77	3.77
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3113.23	3.25	0	80.86	0	0.38	0	0	15.57	0	0	0	0	0	0	3.49	3.49
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3177.21	3.25	0	81.04	0	0.4	0	0	15.68	0	0	0	0	0	0	3.19	3.19
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3256.9	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.83	2.83

Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3320.64	3.25	0	81.42	0	0.42	0	0	15.93	0	0	0	0	0	0	2.54	2.54
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3414.61	3.25	0	81.67	0	0.44	0	0	16.09	0	0	0	0	0	0	2.12	2.12
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3470.83	3.25	0	81.81	0	0.45	0	0	16.18	0	0	0	0	0	0	1.87	1.87
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1405.29	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	13.43	13.43
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1498.58	3.25	0	74.51	0	0.41	0	0	3.48	0	0	0	0	0	0	12.67	12.67
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1502.31	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	12.64	12.64
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1601.08	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	11.88	11.88
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1624.36	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	11.71	11.71
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1700.61	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	11.15	11.15
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1745.53	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	10.84	10.84
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1810.8	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3592.83	3.5	0	82.11	0	3.51	0	0	2.62	0	0	0	0	0	0	8.39	8.39
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1902.79	3.25	0	76.59	0	0.52	0	0	4.2	0	0	0	0	0	0	9.77	9.77
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1904.95	3.25	0	76.6	0	0.52	0	0	4.2	0	0	0	0	0	0	9.76	9.76
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1962.93	3.25	0	76.86	0	0.53	0	0	4.3	0	0	0	0	0	0	9.38	9.38
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2039.17	3.25	0	77.19	0	0.55	0	0	4.43	0	0	0	0	0	0	8.9	8.9
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2076.1	3.25	0	77.34	0	0.56	0	0	4.5	0	0	0	0	0	0	8.67	8.67
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2158.57	3.25	0	77.68	0	0.59	0	0	4.63	0	0	0	0	0	0	8.17	8.17
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2187.48	3.25	0	77.8	0	0.59	0	0	4.68	0	0	0	0	0	0	8	8
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2311.8	3.25	0	78.28	0	0.63	0	0	4.89	0	0	0	0	0	0	7.29	7.29
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2451.24	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.52	6.52
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2551.91	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2709.51	3.25	0	79.66	0	0.73	0	0	5.52	0	0	0	0	0	0	5.17	5.17
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2807.92	3.25	0	79.97	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2879.61	3.25	0	80.19	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2940.08	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.05	4.05
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3018.9	3.25	0	80.6	0	0.81	0	0	5.99	0	0	0	0	0	0	3.68	3.68
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3049.5	3.25	0	80.68	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3109.6	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.27	3.27
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3173.76	3.25	0	81.03	0	0.85	0	0	6.21	0	0	0	0	0	0	2.98	2.98
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3260.65	3.25	0	81.27	0	0.87	0	0	6.34	0	0	0	0	0	0	2.6	2.6
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3324.91	3.25	0	81.44	0	0.88	0	0	6.43	0	0	0	0	0	0	2.32	2.32
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3410.07	3.25	0	81.66	0	0.9	0	0	6.56	0	0	0	0	0	0	1.96	1.96
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3466.49	3.25	0	81.8	0	0.92	0	0	6.63	0	0	0	0	0	0	1.73	1.73
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3585.45	3.77	0	82.09	0	-0.16	0	0	6.8	0	0	0	0	0	0	-1.75	-1.75

imit. Value D/N: 0 0

Level D/N: 28.3018 28.3018

Receiver: Existing Noise Receptor

ID: R84

X: 338754

Y: 4680942

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3583.8	4.15	0	82.09	0	-0.42	0	0	6.8	0	0	0	0	0	0	22.71	22.71
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1418.29	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1510.8	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1513.27	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1612.49	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1637.91	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1712.62	3.25	0	75.67	0	0.04	0	0	12.83	0	0	0	0	0	0	11.77	11.77
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1759.55	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1824.04	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1915.15	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1927.48	3.25	0	76.7	0	0.11	0	0	13.31	0	0	0	0	0	0	10.2	10.2
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1976.38	3.25	0	76.92	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2058.84	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.31	9.31
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2097.4	3.25	0	77.43	0	0.16	0	0	13.66	0	0	0	0	0	0	9.06	9.06
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2171.07	3.25	0	77.73	0	0.18	0	0	13.81	0	0	0	0	0	0	8.59	8.59
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2198.63	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2323.41	3.25	0	78.32	0	0.22	0	0	14.12	0	0	0	0	0	0	7.66	7.66
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2463.05	3.25	0	78.83	0	0.25	0	0	14.39	0	0	0	0	0	0	6.85	6.85
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2564.78	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2722.65	3.25	0	79.7	0	0.31	0	0	14.87	0	0	0	0	0	0	5.43	5.43
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2828.46	3.25	0	80.03	0	0.33	0	0	15.07	0	0	0	0	0	0	4.89	4.89
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2899.97	3.25	0	80.25	0	0.34	0	0	15.19	0	0	0	0	0	0	4.53	4.53
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2953.11	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.26	4.26
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3031.45	3.25	0	80.63	0	0.37	0	0	15.43	0	0	0	0	0	0	3.88	3.88
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3071.87	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69

Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3130.54	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.41	3.41
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3193.93	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.12	3.12
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3274.56	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.75	2.75
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3337.7	3.25	0	81.47	0	0.42	0	0	15.96	0	0	0	0	0	0	2.46	2.46
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3432.38	3.25	0	81.71	0	0.44	0	0	16.12	0	0	0	0	0	0	2.04	2.04
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3488.09	3.25	0	81.85	0	0.45	0	0	16.21	0	0	0	0	0	0	1.8	1.8
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1422.71	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1514.76	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	12.55	12.55
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1515.79	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	12.54	12.54
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1616	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	11.77	11.77
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1641.51	3.25	0	75.3	0	0.45	0	0	3.74	0	0	0	0	0	0	11.58	11.58
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1716.47	3.25	0	75.69	0	0.47	0	0	3.87	0	0	0	0	0	0	11.04	11.04
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1763.37	3.25	0	75.93	0	0.48	0	0	3.96	0	0	0	0	0	0	10.71	10.71
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1827.51	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	10.27	10.27
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3609.59	3.5	0	82.15	0	3.51	0	0	2.63	0	0	0	0	0	0	8.33	8.33
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1918.23	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	9.67	9.67
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1922.86	3.25	0	76.68	0	0.52	0	0	4.23	0	0	0	0	0	0	9.64	9.64
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1979.93	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2054.99	3.25	0	77.26	0	0.56	0	0	4.46	0	0	0	0	0	0	8.8	8.8
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2093.66	3.25	0	77.42	0	0.57	0	0	4.52	0	0	0	0	0	0	8.57	8.57
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2175.19	3.25	0	77.75	0	0.59	0	0	4.66	0	0	0	0	0	0	8.08	8.08
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2202.01	3.25	0	77.86	0	0.6	0	0	4.71	0	0	0	0	0	0	7.92	7.92
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2327.03	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.2	7.2
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2466.78	3.25	0	78.84	0	0.67	0	0	5.13	0	0	0	0	0	0	6.43	6.43
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2568.08	3.25	0	79.19	0	0.69	0	0	5.3	0	0	0	0	0	0	5.89	5.89
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2726.06	3.25	0	79.71	0	0.74	0	0	5.54	0	0	0	0	0	0	5.09	5.09
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2824.91	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.6	4.6
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2895.95	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.26	4.26
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2957.54	3.25	0	80.42	0	0.79	0	0	5.89	0	0	0	0	0	0	3.97	3.97
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3035.6	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3067.3	3.25	0	80.74	0	0.82	0	0	6.06	0	0	0	0	0	0	3.46	3.46
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3126.89	3.25	0	80.9	0	0.84	0	0	6.15	0	0	0	0	0	0	3.19	3.19
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3190.47	3.25	0	81.08	0	0.85	0	0	6.24	0	0	0	0	0	0	2.91	2.91
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3278.32	3.25	0	81.31	0	0.87	0	0	6.37	0	0	0	0	0	0	2.52	2.52
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3341.99	3.25	0	81.48	0	0.89	0	0	6.46	0	0	0	0	0	0	2.25	2.25
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3427.83	3.25	0	81.7	0	0.91	0	0	6.58	0	0	0	0	0	0	1.89	1.89
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3483.73	3.25	0	81.84	0	0.92	0	0	6.66	0	0	0	0	0	0	1.65	1.65
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3602.15	3.77	0	82.13	0	-0.16	0	0	6.83	0	0	0	0	0	0	-1.82	-1.82

imit. Value D/N: 0 0

Level D/N: 28.2009 28.2009

Receiver: Existing Noise Receptor

ID: R85

X: 338743

Y: 4680875

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3640.03	4.15	0	82.22	0	-0.4	0	0	6.88	0	0	0	0	0	0	22.48	22.48
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1472.33	3.25	0	74.36	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.74	13.74
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1568.84	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.92	12.92
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1576.9	3.25	0	74.96	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.85	12.85
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1673.54	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.07	12.07
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1692.85	3.25	0	75.57	0	0.03	0	0	12.79	0	0	0	0	0	0	11.92	11.92
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1771.48	3.25	0	75.97	0	0.06	0	0	12.97	0	0	0	0	0	0	11.32	11.32
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1811.81	3.25	0	76.16	0	0.07	0	0	13.06	0	0	0	0	0	0	11.02	11.02
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1880.42	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.53	10.53
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1975.01	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.87	9.87
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1979.2	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.84	9.84
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2031.79	3.25	0	77.16	0	0.14	0	0	13.53	0	0	0	0	0	0	9.49	9.49
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2117.59	3.25	0	77.52	0	0.16	0	0	13.71	0	0	0	0	0	0	8.93	8.93
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2150.55	3.25	0	77.65	0	0.17	0	0	13.77	0	0	0	0	0	0	8.72	8.72
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2227.69	3.25	0	77.96	0	0.19	0	0	13.93	0	0	0	0	0	0	8.24	8.24
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2260.42	3.25	0	78.08	0	0.2	0	0	13.99	0	0	0	0	0	0	8.04	8.04
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2383.73	3.25	0	78.55	0	0.23	0	0	14.24	0	0	0	0	0	0	7.3	7.3
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2522.62	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.51	6.51
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2622.71	3.25	0	79.38	0	0.28	0	0	14.69	0	0	0	0	0	0	5.96	5.96
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2779.42	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.14	5.14
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2883.71	3.25	0	80.2	0	0.34	0	0	15.17	0	0	0	0	0	0	4.61	4.61
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2957.27	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24

Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3006.7	3.25	0	80.56	0	0.36	0	0	15.38	0	0	0	0	0	0	4	4
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3087.74	3.25	0	80.79	0	0.38	0	0	15.53	0	0	0	0	0	0	3.61	3.61
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3123.95	3.25	0	80.89	0	0.39	0	0	15.59	0	0	0	0	0	0	3.44	3.44
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3184.67	3.25	0	81.06	0	0.4	0	0	15.7	0	0	0	0	0	0	3.16	3.16
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3250.09	3.25	0	81.24	0	0.41	0	0	15.81	0	0	0	0	0	0	2.86	2.86
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3327.28	3.25	0	81.44	0	0.42	0	0	15.94	0	0	0	0	0	0	2.51	2.51
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3392.71	3.25	0	81.61	0	0.43	0	0	16.05	0	0	0	0	0	0	2.22	2.22
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3484.63	3.25	0	81.84	0	0.45	0	0	16.21	0	0	0	0	0	0	1.81	1.81
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3542.36	3.25	0	81.99	0	0.46	0	0	16.3	0	0	0	0	0	0	1.57	1.57
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1476.64	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	12.85	12.85
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1572.7	3.25	0	74.93	0	0.43	0	0	3.62	0	0	0	0	0	0	12.1	12.1
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1579.35	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	12.05	12.05
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1676.97	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	11.32	11.32
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1696.37	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	11.19	11.19
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1775.24	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1815.54	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1883.81	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.9	9.9
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3665.6	3.5	0	82.28	0	3.52	0	0	2.66	0	0	0	0	0	0	8.16	8.16
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1974.67	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.31	9.31
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1978.02	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.29	9.29
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2035.27	3.25	0	77.17	0	0.55	0	0	4.43	0	0	0	0	0	0	8.92	8.92
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2113.82	3.25	0	77.5	0	0.57	0	0	4.56	0	0	0	0	0	0	8.44	8.44
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2146.88	3.25	0	77.64	0	0.58	0	0	4.61	0	0	0	0	0	0	8.24	8.24
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2231.74	3.25	0	77.97	0	0.61	0	0	4.75	0	0	0	0	0	0	7.74	7.74
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2263.74	3.25	0	78.1	0	0.61	0	0	4.81	0	0	0	0	0	0	7.56	7.56
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2387.29	3.25	0	78.56	0	0.65	0	0	5.01	0	0	0	0	0	0	6.86	6.86
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2526.29	3.25	0	79.05	0	0.68	0	0	5.23	0	0	0	0	0	0	6.11	6.11
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2625.95	3.25	0	79.39	0	0.71	0	0	5.39	0	0	0	0	0	0	5.6	5.6
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2782.78	3.25	0	79.89	0	0.75	0	0	5.63	0	0	0	0	0	0	4.81	4.81
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2880.21	3.25	0	80.19	0	0.77	0	0	5.78	0	0	0	0	0	0	4.34	4.34
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2953.31	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3011.08	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.72	3.72
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3091.83	3.25	0	80.8	0	0.83	0	0	6.09	0	0	0	0	0	0	3.35	3.35
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3119.43	3.25	0	80.88	0	0.83	0	0	6.13	0	0	0	0	0	0	3.23	3.23
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3181.07	3.25	0	81.05	0	0.85	0	0	6.23	0	0	0	0	0	0	2.95	2.95
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3246.67	3.25	0	81.23	0	0.87	0	0	6.32	0	0	0	0	0	0	2.66	2.66
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3331	3.25	0	81.45	0	0.89	0	0	6.44	0	0	0	0	0	0	2.3	2.3
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3396.94	3.25	0	81.62	0	0.9	0	0	6.54	0	0	0	0	0	0	2.02	2.02
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3480.13	3.25	0	81.83	0	0.92	0	0	6.65	0	0	0	0	0	0	1.67	1.67
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3538.05	3.25	0	81.98	0	0.93	0	0	6.74	0	0	0	0	0	0	1.43	1.43
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3658.36	3.77	0	82.27	0	-0.14	0	0	6.9	0	0	0	0	0	0	-2.05	-2.05
imit. Value D/N:	0																								
Level D/N:	27.8555	27.8555																							

Receiver: Existing Noise Receptor
ID: R86
X: 338733
Y: 4680958
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3586.85	4.15	0	82.09	0	-0.42	0	0	6.8	0	0	0	0	0	0	22.69	22.69
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1423.15	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.18	14.18
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1510.23	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1512.84	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.39	13.39
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1612.01	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1642.1	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.32	12.32
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1713.97	3.25	0	75.68	0	0.04	0	0	12.83	0	0	0	0	0	0	11.76	11.76
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1765.41	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.37	11.37
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1827.21	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1915.63	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1933.6	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1980.17	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.83	9.83
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2060.19	3.25	0	77.28	0	0.15	0	0	13.59	0	0	0	0	0	0	9.3	9.3
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2102.63	3.25	0	77.46	0	0.16	0	0	13.68	0	0	0	0	0	0	9.02	9.02
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2173.98	3.25	0	77.75	0	0.18	0	0	13.82	0	0	0	0	0	0	8.57	8.57
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2197.35	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2323.43	3.25	0	78.32	0	0.22	0	0	14.12	0	0	0	0	0	0	7.66	7.66
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2463.68	3.25	0	78.83	0	0.25	0	0	14.39	0	0	0	0	0	0	6.84	6.84
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2566.69	3.25	0	79.19	0	0.27	0	0	14.58	0	0	0	0	0	0	6.27	6.27

Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2725.38	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.42	5.42
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2832.23	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.87	4.87
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2902.31	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2957.94	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3034.5	3.25	0	80.64	0	0.37	0	0	15.43	0	0	0	0	0	0	3.87	3.87
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3077.63	3.25	0	80.76	0	0.38	0	0	15.51	0	0	0	0	0	0	3.66	3.66
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3135.01	3.25	0	80.92	0	0.39	0	0	15.61	0	0	0	0	0	0	3.39	3.39
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3197.05	3.25	0	81.09	0	0.4	0	0	15.72	0	0	0	0	0	0	3.1	3.1
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3279.9	3.25	0	81.32	0	0.41	0	0	15.86	0	0	0	0	0	0	2.72	2.72
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3341.6	3.25	0	81.48	0	0.42	0	0	15.96	0	0	0	0	0	0	2.44	2.44
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3438	3.25	0	81.73	0	0.44	0	0	16.13	0	0	0	0	0	0	2.02	2.02
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3492.45	3.25	0	81.86	0	0.45	0	0	16.22	0	0	0	0	0	0	1.78	1.78
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1427.65	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	13.24	13.24
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1512.82	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	12.56	12.56
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1516.88	3.25	0	74.62	0	0.41	0	0	3.51	0	0	0	0	0	0	12.53	12.53
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1615.6	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	11.78	11.78
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1645.75	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	11.55	11.55
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1717.89	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	11.03	11.03
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1769.27	3.25	0	75.96	0	0.48	0	0	3.97	0	0	0	0	0	0	10.67	10.67
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1830.72	3.25	0	76.25	0	0.5	0	0	4.08	0	0	0	0	0	0	10.25	10.25
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3612.78	3.5	0	82.16	0	3.51	0	0	2.64	0	0	0	0	0	0	8.32	8.32
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1918.76	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	9.67	9.67
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1928.94	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	9.6	9.6
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1983.76	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.25	9.25
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2056.29	3.25	0	77.26	0	0.56	0	0	4.46	0	0	0	0	0	0	8.79	8.79
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2098.85	3.25	0	77.44	0	0.57	0	0	4.53	0	0	0	0	0	0	8.53	8.53
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2178.15	3.25	0	77.76	0	0.59	0	0	4.67	0	0	0	0	0	0	8.06	8.06
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2200.79	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.92	7.92
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2327.1	3.25	0	78.34	0	0.63	0	0	4.91	0	0	0	0	0	0	7.2	7.2
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2467.46	3.25	0	78.85	0	0.67	0	0	5.14	0	0	0	0	0	0	6.43	6.43
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2570.02	3.25	0	79.2	0	0.69	0	0	5.3	0	0	0	0	0	0	5.88	5.88
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2728.83	3.25	0	79.72	0	0.74	0	0	5.55	0	0	0	0	0	0	5.07	5.07
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2828.65	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.58	4.58
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2898.25	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.25	4.25
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2962.41	3.25	0	80.43	0	0.8	0	0	5.9	0	0	0	0	0	0	3.95	3.95
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3038.69	3.25	0	80.65	0	0.81	0	0	6.02	0	0	0	0	0	0	3.59	3.59
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3073.02	3.25	0	80.75	0	0.82	0	0	6.07	0	0	0	0	0	0	3.44	3.44
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3131.34	3.25	0	80.91	0	0.84	0	0	6.15	0	0	0	0	0	0	3.17	3.17
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3193.56	3.25	0	81.09	0	0.85	0	0	6.24	0	0	0	0	0	0	2.9	2.9
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3283.69	3.25	0	81.33	0	0.87	0	0	6.37	0	0	0	0	0	0	2.5	2.5
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3345.92	3.25	0	81.49	0	0.89	0	0	6.46	0	0	0	0	0	0	2.23	2.23
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3433.42	3.25	0	81.71	0	0.91	0	0	6.59	0	0	0	0	0	0	1.86	1.86
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3488.06	3.25	0	81.85	0	0.92	0	0	6.67	0	0	0	0	0	0	1.64	1.64
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3605.21	3.77	0	82.14	0	-0.16	0	0	6.83	0	0	0	0	0	0	-1.83	-1.83

imit. Value D/N: 0 0

Level D/N: 28.1856 28.1856

Receiver: Existing Noise Receptor

ID: R87

X: 338710

Y: 4680873

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3664.11	4.15	0	82.28	0	-0.4	0	0	6.91	0	0	0	0	0	0	22.39	22.39
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1497.53	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1591.74	3.25	0	75.04	0	0	0	0	12.55	0	0	0	0	0	0	12.73	12.73
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1595.04	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1694.2	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1717.6	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.73	11.73
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1793.83	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.15	11.15
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1837.89	3.25	0	76.29	0	0.08	0	0	13.11	0	0	0	0	0	0	10.83	10.83
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1904.37	3.25	0	76.6	0	0.1	0	0	13.26	0	0	0	0	0	0	10.36	10.36
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1996.63	3.25	0	77.01	0	0.13	0	0	13.45	0	0	0	0	0	0	9.72	9.72
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2005.54	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.66	9.66
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2056.3	3.25	0	77.26	0	0.15	0	0	13.58	0	0	0	0	0	0	9.33	9.33
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2140.02	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.78	8.78
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2176.23	3.25	0	77.75	0	0.18	0	0	13.83	0	0	0	0	0	0	8.56	8.56
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2251.51	3.25	0	78.05	0	0.2	0	0	13.98	0	0	0	0	0	0	8.09	8.09
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2280.44	3.25	0	78.16	0	0.2	0	0	14.03	0	0	0	0	0	0	7.91	7.91

Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2405	3.25	0	78.62	0	0.23	0	0	14.28	0	0	0	0	0	0	7.18	7.18
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2544.47	3.25	0	79.11	0	0.27	0	0	14.54	0	0	0	0	0	0	6.39	6.39
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2645.72	3.25	0	79.45	0	0.29	0	0	14.73	0	0	0	0	0	0	5.84	5.84
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2803.16	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2908.34	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2980.69	3.25	0	80.49	0	0.36	0	0	15.34	0	0	0	0	0	0	4.13	4.13
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3032.2	3.25	0	80.64	0	0.37	0	0	15.43	0	0	0	0	0	0	3.88	3.88
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3111.78	3.25	0	80.86	0	0.38	0	0	15.57	0	0	0	0	0	0	3.5	3.5
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3150.17	3.25	0	80.97	0	0.39	0	0	15.64	0	0	0	0	0	0	3.32	3.32
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3209.9	3.25	0	81.13	0	0.4	0	0	15.74	0	0	0	0	0	0	3.04	3.04
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3274.21	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.75	2.75
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3353.21	3.25	0	81.51	0	0.43	0	0	15.98	0	0	0	0	0	0	2.39	2.39
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3417.48	3.25	0	81.67	0	0.44	0	0	16.09	0	0	0	0	0	0	2.11	2.11
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3510.79	3.25	0	81.91	0	0.45	0	0	16.25	0	0	0	0	0	0	1.7	1.7
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3567.53	3.25	0	82.05	0	0.46	0	0	16.34	0	0	0	0	0	0	1.46	1.46
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1501.89	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	12.65	12.65
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1595.67	3.25	0	75.06	0	0.43	0	0	3.66	0	0	0	0	0	0	11.92	11.92
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1597.57	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.91	11.91
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1697.7	3.25	0	75.6	0	0.46	0	0	3.84	0	0	0	0	0	0	11.18	11.18
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1721.16	3.25	0	75.72	0	0.47	0	0	3.88	0	0	0	0	0	0	11.01	11.01
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1797.65	3.25	0	76.09	0	0.49	0	0	4.02	0	0	0	0	0	0	10.48	10.48
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1841.67	3.25	0	76.3	0	0.5	0	0	4.09	0	0	0	0	0	0	10.18	10.18
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1907.81	3.25	0	76.61	0	0.52	0	0	4.21	0	0	0	0	0	0	9.74	9.74
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3689.81	3.5	0	82.34	0	3.52	0	0	2.68	0	0	0	0	0	0	8.09	8.09
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1999.69	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.15	9.15
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2000.97	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2059.82	3.25	0	77.28	0	0.56	0	0	4.47	0	0	0	0	0	0	8.77	8.77
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2136.2	3.25	0	77.59	0	0.58	0	0	4.6	0	0	0	0	0	0	8.31	8.31
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2172.53	3.25	0	77.74	0	0.59	0	0	4.66	0	0	0	0	0	0	8.09	8.09
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2255.6	3.25	0	78.07	0	0.61	0	0	4.79	0	0	0	0	0	0	7.61	7.61
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2283.81	3.25	0	78.17	0	0.62	0	0	4.84	0	0	0	0	0	0	7.44	7.44
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2408.61	3.25	0	78.64	0	0.65	0	0	5.04	0	0	0	0	0	0	6.75	6.75
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2548.19	3.25	0	79.12	0	0.69	0	0	5.26	0	0	0	0	0	0	6	6
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2649	3.25	0	79.46	0	0.72	0	0	5.42	0	0	0	0	0	0	5.48	5.48
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2806.56	3.25	0	79.96	0	0.76	0	0	5.67	0	0	0	0	0	0	4.69	4.69
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2904.81	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.22	4.22
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2976.69	3.25	0	80.47	0	0.8	0	0	5.92	0	0	0	0	0	0	3.88	3.88
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3036.6	3.25	0	80.65	0	0.81	0	0	6.01	0	0	0	0	0	0	3.6	3.6
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3115.9	3.25	0	80.87	0	0.83	0	0	6.13	0	0	0	0	0	0	3.24	3.24
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3145.63	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.11	3.11
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3206.28	3.25	0	81.12	0	0.86	0	0	6.26	0	0	0	0	0	0	2.84	2.84
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3270.76	3.25	0	81.29	0	0.87	0	0	6.36	0	0	0	0	0	0	2.56	2.56
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3356.95	3.25	0	81.52	0	0.89	0	0	6.48	0	0	0	0	0	0	2.19	2.19
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3421.74	3.25	0	81.68	0	0.91	0	0	6.57	0	0	0	0	0	0	1.91	1.91
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3506.26	3.25	0	81.9	0	0.93	0	0	6.69	0	0	0	0	0	0	1.56	1.56
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3563.19	3.25	0	82.04	0	0.94	0	0	6.77	0	0	0	0	0	0	1.33	1.33
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3682.45	3.77	0	82.32	0	-0.14	0	0	6.94	0	0	0	0	0	0	-2.14	-2.14

imit. Value D/N: 0 0
Level D/N: 27.7169 27.7169

Receiver: Existing Noise Receptor
ID: R88
X: 338699
Y: 4680961
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3608.47	4.15	0	82.15	0	-0.41	0	0	6.83	0	0	0	0	0	0	22.61	22.61
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1446.82	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1525.58	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1533.72	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.21	13.21
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1630.19	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.41	12.41
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1665.07	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.14	12.14
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1734.08	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1789.91	3.25	0	76.06	0	0.07	0	0	13.01	0	0	0	0	0	0	11.18	11.18
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1849.13	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1934.78	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1958.33	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.98	9.98
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2002.68	3.25	0	77.03	0	0.13	0	0	13.47	0	0	0	0	0	0	9.68	9.68
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2080.23	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.17	9.17

Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2126.5	3.25	0	77.55	0	0.16	0	0	13.72	0	0	0	0	0	0	8.87	8.87
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2195.6	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.43	8.43
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2214.52	3.25	0	77.91	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2342.01	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2482.9	3.25	0	78.9	0	0.25	0	0	14.43	0	0	0	0	0	0	6.73	6.73
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2587.24	3.25	0	79.26	0	0.28	0	0	14.62	0	0	0	0	0	0	6.16	6.16
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2746.75	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.31	5.31
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2854.63	3.25	0	80.11	0	0.33	0	0	15.11	0	0	0	0	0	0	4.75	4.75
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2923.26	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.41	4.41
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2981.36	3.25	0	80.49	0	0.36	0	0	15.34	0	0	0	0	0	0	4.13	4.13
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3056.16	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.76	3.76
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3101.89	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.55	3.55
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3158.07	3.25	0	80.99	0	0.39	0	0	15.65	0	0	0	0	0	0	3.28	3.28
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3218.77	3.25	0	81.15	0	0.4	0	0	15.75	0	0	0	0	0	0	3	3
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3303.77	3.25	0	81.38	0	0.42	0	0	15.9	0	0	0	0	0	0	2.61	2.61
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3364.07	3.25	0	81.54	0	0.43	0	0	16	0	0	0	0	0	0	2.34	2.34
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3462.12	3.25	0	81.79	0	0.44	0	0	16.17	0	0	0	0	0	0	1.91	1.91
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3515.37	3.25	0	81.92	0	0.45	0	0	16.26	0	0	0	0	0	0	1.68	1.68
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1451.38	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	13.05	13.05
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1528.26	3.25	0	74.68	0	0.42	0	0	3.54	0	0	0	0	0	0	12.44	12.44
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1537.84	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	12.37	12.37
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1633.87	3.25	0	75.26	0	0.45	0	0	3.73	0	0	0	0	0	0	11.64	11.64
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1668.78	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	11.38	11.38
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1738.06	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1793.81	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	10.5	10.5
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1852.7	3.25	0	76.36	0	0.5	0	0	4.11	0	0	0	0	0	0	10.1	10.1
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3634.54	3.5	0	82.21	0	3.52	0	0	2.65	0	0	0	0	0	0	8.26	8.26
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1937.97	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	9.54	9.54
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1953.62	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	9.44	9.44
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2006.32	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.11	9.11
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2076.27	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.67	8.67
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2122.69	3.25	0	77.54	0	0.58	0	0	4.57	0	0	0	0	0	0	8.39	8.39
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2199.82	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2218.02	3.25	0	77.92	0	0.6	0	0	4.73	0	0	0	0	0	0	7.82	7.82
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2345.74	3.25	0	78.41	0	0.64	0	0	4.94	0	0	0	0	0	0	7.09	7.09
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2486.73	3.25	0	78.91	0	0.67	0	0	5.17	0	0	0	0	0	0	6.32	6.32
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2590.61	3.25	0	79.27	0	0.7	0	0	5.33	0	0	0	0	0	0	5.78	5.78
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2750.23	3.25	0	79.79	0	0.74	0	0	5.58	0	0	0	0	0	0	4.97	4.97
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2851.01	3.25	0	80.1	0	0.77	0	0	5.73	0	0	0	0	0	0	4.48	4.48
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2919.16	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.15	4.15
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2985.86	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.84	3.84
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3060.39	3.25	0	80.72	0	0.82	0	0	6.05	0	0	0	0	0	0	3.49	3.49
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3097.26	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3154.37	3.25	0	80.98	0	0.84	0	0	6.19	0	0	0	0	0	0	3.07	3.07
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3215.25	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.8	2.8
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3307.58	3.25	0	81.39	0	0.88	0	0	6.41	0	0	0	0	0	0	2.4	2.4
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3368.42	3.25	0	81.55	0	0.89	0	0	6.5	0	0	0	0	0	0	2.14	2.14
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3457.51	3.25	0	81.78	0	0.92	0	0	6.62	0	0	0	0	0	0	1.76	1.76
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3510.95	3.25	0	81.91	0	0.93	0	0	6.7	0	0	0	0	0	0	1.54	1.54
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3626.85	3.77	0	82.19	0	-0.15	0	0	6.86	0	0	0	0	0	0	-1.92	-1.92

imit. Value D/N: 0 0
Level D/N: 28.0565 28.0565

Receiver: Existing Noise Receptor
ID: R89
X: 338672
Y: 4680956
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3631.01	4.15	0	82.2	0	-0.41	0	0	6.87	0	0	0	0	0	0	22.52	22.52
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1470.65	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1544.37	3.25	0	74.78	0	-0.02	0	0	12.43	0	0	0	0	0	0	13.12	13.12
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1555.95	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1650.78	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1688.49	3.25	0	75.55	0	0.03	0	0	12.78	0	0	0	0	0	0	11.95	11.95
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1755.82	3.25	0	75.89	0	0.06	0	0	12.93	0	0	0	0	0	0	11.44	11.44
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1814.15	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1871.94	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.59	10.59
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1955.92	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	10	10

Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1982.68	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.82	9.82
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2025.81	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.53	9.53
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2101.9	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.03	9.03
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2150.38	3.25	0	77.65	0	0.17	0	0	13.77	0	0	0	0	0	0	8.72	8.72
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2218.2	3.25	0	77.92	0	0.19	0	0	13.91	0	0	0	0	0	0	8.29	8.29
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2234.39	3.25	0	77.98	0	0.19	0	0	13.94	0	0	0	0	0	0	8.19	8.19
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2362.76	3.25	0	78.47	0	0.22	0	0	14.19	0	0	0	0	0	0	7.42	7.42
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2504.04	3.25	0	78.97	0	0.26	0	0	14.47	0	0	0	0	0	0	6.62	6.62
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2609.18	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2769.18	3.25	0	79.85	0	0.32	0	0	14.96	0	0	0	0	0	0	5.19	5.19
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2877.64	3.25	0	80.18	0	0.34	0	0	15.15	0	0	0	0	0	0	4.64	4.64
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2945.42	3.25	0	80.38	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3004.95	3.25	0	80.56	0	0.36	0	0	15.38	0	0	0	0	0	0	4.01	4.01
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3078.74	3.25	0	80.77	0	0.38	0	0	15.51	0	0	0	0	0	0	3.66	3.66
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3125.95	3.25	0	80.9	0	0.39	0	0	15.59	0	0	0	0	0	0	3.43	3.43
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3181.45	3.25	0	81.05	0	0.4	0	0	15.69	0	0	0	0	0	0	3.17	3.17
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3241.38	3.25	0	81.21	0	0.41	0	0	15.79	0	0	0	0	0	0	2.9	2.9
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3327.61	3.25	0	81.44	0	0.42	0	0	15.94	0	0	0	0	0	0	2.51	2.51
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3387.12	3.25	0	81.6	0	0.43	0	0	16.04	0	0	0	0	0	0	2.24	2.24
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3486.09	3.25	0	81.85	0	0.45	0	0	16.21	0	0	0	0	0	0	1.81	1.81
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3538.67	3.25	0	81.98	0	0.46	0	0	16.3	0	0	0	0	0	0	1.58	1.58
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1475.24	3.25	0	74.38	0	0.4	0	0	3.44	0	0	0	0	0	0	12.86	12.86
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1547.11	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.29	12.29
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1560.11	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	12.19	12.19
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1654.51	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1692.22	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	11.22	11.22
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1759.85	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1818.08	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	10.34	10.34
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1875.53	3.25	0	76.46	0	0.51	0	0	4.15	0	0	0	0	0	0	9.95	9.95
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3657.16	3.5	0	82.26	0	3.52	0	0	2.66	0	0	0	0	0	0	8.19	8.19
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1959.14	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	9.41	9.41
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1977.94	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.29	9.29
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2029.47	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2097.9	3.25	0	77.44	0	0.57	0	0	4.53	0	0	0	0	0	0	8.54	8.54
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2146.55	3.25	0	77.63	0	0.58	0	0	4.61	0	0	0	0	0	0	8.25	8.25
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2222.45	3.25	0	77.94	0	0.6	0	0	4.74	0	0	0	0	0	0	7.8	7.8
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2237.94	3.25	0	78	0	0.61	0	0	4.76	0	0	0	0	0	0	7.71	7.71
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2366.53	3.25	0	78.48	0	0.64	0	0	4.97	0	0	0	0	0	0	6.98	6.98
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2507.9	3.25	0	78.99	0	0.68	0	0	5.2	0	0	0	0	0	0	6.21	6.21
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2612.57	3.25	0	79.34	0	0.71	0	0	5.37	0	0	0	0	0	0	5.66	5.66
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2772.68	3.25	0	79.86	0	0.75	0	0	5.61	0	0	0	0	0	0	4.86	4.86
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2874.01	3.25	0	80.17	0	0.77	0	0	5.77	0	0	0	0	0	0	4.37	4.37
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2941.29	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.05	4.05
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3009.47	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.73	3.73
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3082.99	3.25	0	80.78	0	0.83	0	0	6.08	0	0	0	0	0	0	3.39	3.39
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3121.3	3.25	0	80.89	0	0.83	0	0	6.14	0	0	0	0	0	0	3.22	3.22
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3177.73	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.97	2.97
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3237.84	3.25	0	81.21	0	0.86	0	0	6.31	0	0	0	0	0	0	2.7	2.7
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3331.43	3.25	0	81.45	0	0.89	0	0	6.44	0	0	0	0	0	0	2.3	2.3
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3391.49	3.25	0	81.61	0	0.9	0	0	6.53	0	0	0	0	0	0	2.04	2.04
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3481.47	3.25	0	81.84	0	0.92	0	0	6.66	0	0	0	0	0	0	1.66	1.66
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3534.23	3.25	0	81.97	0	0.93	0	0	6.73	0	0	0	0	0	0	1.45	1.45
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3649.39	3.77	0	82.24	0	-0.15	0	0	6.89	0	0	0	0	0	0	-2.01	-2.01

imit. Value D/N: 0
0

Level D/N: 27.9218
27.9218

Receiver: Existing Noise Receptor
ID: R90
X: 338682
Y: 4680878
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3679.83	4.15	0	82.32	0	-0.4	0	0	6.93	0	0	0	0	0	0	22.32	22.32
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1514.61	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1605.08	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1606.43	3.25	0	75.12	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1706.64	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.81	11.81
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1734.16	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1807.94	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05

	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1855.86	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1920.08	3.25	0	76.67	0	0.11	0	0	13.29	0	0	0	0	0	0	10.25	10.25
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2009.97	3.25	0	77.06	0	0.13	0	0	13.48	0	0	0	0	0	0	9.63	9.63
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2023.75	3.25	0	77.12	0	0.14	0	0	13.51	0	0	0	0	0	0	9.54	9.54
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2072.57	3.25	0	77.33	0	0.15	0	0	13.61	0	0	0	0	0	0	9.22	9.22
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2154.16	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.69	8.69
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2193.73	3.25	0	77.82	0	0.18	0	0	13.86	0	0	0	0	0	0	8.45	8.45
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2267.04	3.25	0	78.11	0	0.2	0	0	14.01	0	0	0	0	0	0	8	8
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2292.15	3.25	0	78.2	0	0.21	0	0	14.06	0	0	0	0	0	0	7.84	7.84
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2417.93	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.1	7.1
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2557.97	3.25	0	79.16	0	0.27	0	0	14.57	0	0	0	0	0	0	6.32	6.32
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2660.38	3.25	0	79.5	0	0.29	0	0	14.76	0	0	0	0	0	0	5.76	5.76
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2818.57	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2924.65	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2995.75	3.25	0	80.53	0	0.36	0	0	15.36	0	0	0	0	0	0	4.06	4.06
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3049.43	3.25	0	80.68	0	0.37	0	0	15.46	0	0	0	0	0	0	3.8	3.8
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3127.47	3.25	0	80.9	0	0.39	0	0	15.6	0	0	0	0	0	0	3.43	3.43
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3168.18	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.24	3.24
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3226.84	3.25	0	81.18	0	0.4	0	0	15.77	0	0	0	0	0	0	2.96	2.96
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3289.97	3.25	0	81.34	0	0.42	0	0	15.88	0	0	0	0	0	0	2.68	2.68
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3370.89	3.25	0	81.55	0	0.43	0	0	16.01	0	0	0	0	0	0	2.31	2.31
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3433.92	3.25	0	81.72	0	0.44	0	0	16.12	0	0	0	0	0	0	2.04	2.04
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3528.7	3.25	0	81.95	0	0.46	0	0	16.28	0	0	0	0	0	0	1.62	1.62
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3584.38	3.25	0	82.09	0	0.46	0	0	16.37	0	0	0	0	0	0	1.39	1.39
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1519.03	3.25	0	74.63	0	0.41	0	0	3.52	0	0	0	0	0	0	12.51	12.51
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1607.68	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	11.83	11.83
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1610.43	3.25	0	75.14	0	0.44	0	0	3.68	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1710.21	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1737.77	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1811.82	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.38	10.38
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1859.67	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.06	10.06
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1923.56	3.25	0	76.68	0	0.52	0	0	4.24	0	0	0	0	0	0	9.64	9.64
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3705.65	3.5	0	82.38	0	3.53	0	0	2.68	0	0	0	0	0	0	8.04	8.04
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2013.08	3.25	0	77.08	0	0.55	0	0	4.39	0	0	0	0	0	0	9.06	9.06
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2019.14	3.25	0	77.1	0	0.55	0	0	4.4	0	0	0	0	0	0	9.03	9.03
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2076.13	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.67	8.67
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2150.29	3.25	0	77.65	0	0.58	0	0	4.62	0	0	0	0	0	0	8.22	8.22
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2190	3.25	0	77.81	0	0.59	0	0	4.69	0	0	0	0	0	0	7.99	7.99
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2271.17	3.25	0	78.13	0	0.62	0	0	4.82	0	0	0	0	0	0	7.52	7.52
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2295.57	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.38	7.38
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2421.59	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.68	6.68
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2561.73	3.25	0	79.17	0	0.69	0	0	5.29	0	0	0	0	0	0	5.93	5.93
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2663.69	3.25	0	79.51	0	0.72	0	0	5.45	0	0	0	0	0	0	5.4	5.4
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2821.99	3.25	0	80.01	0	0.76	0	0	5.69	0	0	0	0	0	0	4.62	4.62
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2921.1	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.14	4.14
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2991.71	3.25	0	80.52	0	0.8	0	0	5.95	0	0	0	0	0	0	3.81	3.81
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3053.87	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.52	3.52
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3131.63	3.25	0	80.92	0	0.84	0	0	6.15	0	0	0	0	0	0	3.17	3.17
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3163.62	3.25	0	81	0	0.85	0	0	6.2	0	0	0	0	0	0	3.03	3.03
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3223.19	3.25	0	81.17	0	0.86	0	0	6.29	0	0	0	0	0	0	2.76	2.76
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3286.5	3.25	0	81.33	0	0.88	0	0	6.38	0	0	0	0	0	0	2.49	2.49
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3374.65	3.25	0	81.56	0	0.9	0	0	6.5	0	0	0	0	0	0	2.11	2.11
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3438.22	3.25	0	81.73	0	0.91	0	0	6.59	0	0	0	0	0	0	1.84	1.84
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3524.15	3.25	0	81.94	0	0.93	0	0	6.72	0	0	0	0	0	0	1.49	1.49
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3580.02	3.25	0	82.08	0	0.94	0	0	6.79	0	0	0	0	0	0	1.26	1.26
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3698.18	3.77	0	82.36	0	-0.13	0	0	6.96	0	0	0	0	0	0	-2.21	-2.21
imit. Value D/N:	0	0																								
Level D/N:	27.628	27.628																								

Receiver: Existing Noise Receptor
ID: R91
X: 338652
Y: 4680879
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3699.95	4.15	0	82.36	0	-0.39	0	0	6.96	0	0	0	0	0	0	22.24	22.24
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1536.18	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1620.01	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.5	12.5
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1625.8	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.45	12.45

	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1723.85	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1755.22	3.25	0	75.89	0	0.05	0	0	12.93	0	0	0	0	0	0	11.44	11.44
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1826.71	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1878.18	3.25	0	76.47	0	0.09	0	0	13.2	0	0	0	0	0	0	10.54	10.54
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1940.34	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.11	10.11
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2027.99	3.25	0	77.14	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2046.28	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2093.31	3.25	0	77.42	0	0.16	0	0	13.66	0	0	0	0	0	0	9.08	9.08
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2172.91	3.25	0	77.74	0	0.18	0	0	13.82	0	0	0	0	0	0	8.58	8.58
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2215.59	3.25	0	77.91	0	0.19	0	0	13.9	0	0	0	0	0	0	8.31	8.31
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2287.08	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2308.57	3.25	0	78.27	0	0.21	0	0	14.09	0	0	0	0	0	0	7.75	7.75
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2435.51	3.25	0	78.73	0	0.24	0	0	14.34	0	0	0	0	0	0	7	7
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2576.08	3.25	0	79.22	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2679.58	3.25	0	79.56	0	0.3	0	0	14.79	0	0	0	0	0	0	5.66	5.66
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2838.45	3.25	0	80.06	0	0.33	0	0	15.08	0	0	0	0	0	0	4.84	4.84
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2945.38	3.25	0	80.38	0	0.35	0	0	15.28	0	0	0	0	0	0	4.3	4.3
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3015.3	3.25	0	80.59	0	0.36	0	0	15.4	0	0	0	0	0	0	3.96	3.96
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3071	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.69	3.69
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3147.61	3.25	0	80.96	0	0.39	0	0	15.63	0	0	0	0	0	0	3.33	3.33
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3190.45	3.25	0	81.08	0	0.4	0	0	15.71	0	0	0	0	0	0	3.13	3.13
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3248.12	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.87	2.87
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3310.16	3.25	0	81.4	0	0.42	0	0	15.91	0	0	0	0	0	0	2.59	2.59
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3392.84	3.25	0	81.61	0	0.43	0	0	16.05	0	0	0	0	0	0	2.22	2.22
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3454.74	3.25	0	81.77	0	0.44	0	0	16.16	0	0	0	0	0	0	1.94	1.94
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3550.87	3.25	0	82.01	0	0.46	0	0	16.32	0	0	0	0	0	0	1.53	1.53
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3605.57	3.25	0	82.14	0	0.47	0	0	16.41	0	0	0	0	0	0	1.3	1.3
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1540.66	3.25	0	74.75	0	0.42	0	0	3.56	0	0	0	0	0	0	12.34	12.34
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1622.67	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	11.72	11.72
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1629.85	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	11.67	11.67
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1727.5	3.25	0	75.75	0	0.47	0	0	3.89	0	0	0	0	0	0	10.96	10.96
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1758.87	3.25	0	75.9	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1830.65	3.25	0	76.25	0	0.5	0	0	4.08	0	0	0	0	0	0	10.25	10.25
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1882.02	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	9.91	9.91
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1943.85	3.25	0	76.77	0	0.53	0	0	4.27	0	0	0	0	0	0	9.5	9.5
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3725.89	3.5	0	82.42	0	3.53	0	0	2.7	0	0	0	0	0	0	7.98	7.98
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2031.15	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.95	8.95
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2041.63	3.25	0	77.2	0	0.55	0	0	4.44	0	0	0	0	0	0	8.89	8.89
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2096.91	3.25	0	77.43	0	0.57	0	0	4.53	0	0	0	0	0	0	8.55	8.55
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2168.99	3.25	0	77.73	0	0.59	0	0	4.65	0	0	0	0	0	0	8.11	8.11
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2211.82	3.25	0	77.9	0	0.6	0	0	4.72	0	0	0	0	0	0	7.86	7.86
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2291.26	3.25	0	78.2	0	0.62	0	0	4.85	0	0	0	0	0	0	7.4	7.4
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2312.05	3.25	0	78.28	0	0.63	0	0	4.89	0	0	0	0	0	0	7.28	7.28
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2439.22	3.25	0	78.75	0	0.66	0	0	5.09	0	0	0	0	0	0	6.58	6.58
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2579.89	3.25	0	79.23	0	0.7	0	0	5.31	0	0	0	0	0	0	5.83	5.83
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2682.92	3.25	0	79.57	0	0.72	0	0	5.48	0	0	0	0	0	0	5.31	5.31
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2841.9	3.25	0	80.07	0	0.76	0	0	5.72	0	0	0	0	0	0	4.52	4.52
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2941.8	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.04	4.04
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3011.23	3.25	0	80.57	0	0.81	0	0	5.97	0	0	0	0	0	0	3.72	3.72
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3075.46	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3151.8	3.25	0	80.97	0	0.84	0	0	6.18	0	0	0	0	0	0	3.08	3.08
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3185.86	3.25	0	81.06	0	0.85	0	0	6.23	0	0	0	0	0	0	2.93	2.93
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3244.45	3.25	0	81.22	0	0.86	0	0	6.32	0	0	0	0	0	0	2.67	2.67
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3306.67	3.25	0	81.39	0	0.88	0	0	6.41	0	0	0	0	0	0	2.4	2.4
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3396.62	3.25	0	81.62	0	0.9	0	0	6.54	0	0	0	0	0	0	2.02	2.02
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3459.06	3.25	0	81.78	0	0.92	0	0	6.62	0	0	0	0	0	0	1.76	1.76
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3546.3	3.25	0	82	0	0.94	0	0	6.75	0	0	0	0	0	0	1.4	1.4
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3601.18	3.25	0	82.13	0	0.95	0	0	6.82	0	0	0	0	0	0	1.17	1.17
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3718.32	3.77	0	82.41	0	-0.13	0	0	6.99	0	0	0	0	0	0	-2.29	-2.29
imit. Value D/N:	0	0																								
Level D/N:	27.5134	27.5134																								

Receiver: Existing Noise Receptor
ID: R92
X: 338611
Y: 4680882
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3726.51	4.15	0	82.43	0	-0.39	0	0	7	0	0	0	0	0	0	22.14	22.14

Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1565.05	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1639.71	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1651.59	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1746.66	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.51	11.51
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1783.33	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1851.62	3.25	0	76.35	0	0.09	0	0	13.14	0	0	0	0	0	0	10.73	10.73
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1907.99	3.25	0	76.61	0	0.1	0	0	13.27	0	0	0	0	0	0	10.33	10.33
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1967.27	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.92	9.92
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2051.82	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.36	9.36
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2076.35	3.25	0	77.35	0	0.15	0	0	13.62	0	0	0	0	0	0	9.19	9.19
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2120.91	3.25	0	77.53	0	0.16	0	0	13.71	0	0	0	0	0	0	8.91	8.91
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2197.72	3.25	0	77.84	0	0.18	0	0	13.87	0	0	0	0	0	0	8.42	8.42
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2244.71	3.25	0	78.02	0	0.2	0	0	13.96	0	0	0	0	0	0	8.13	8.13
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2313.66	3.25	0	78.29	0	0.21	0	0	14.1	0	0	0	0	0	0	7.71	7.71
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2330.14	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.62	7.62
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2458.66	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2599.94	3.25	0	79.3	0	0.28	0	0	14.65	0	0	0	0	0	0	6.09	6.09
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2704.93	3.25	0	79.64	0	0.3	0	0	14.84	0	0	0	0	0	0	5.53	5.53
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2864.74	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.7	4.7
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2972.83	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.17	4.17
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3041.1	3.25	0	80.66	0	0.37	0	0	15.44	0	0	0	0	0	0	3.84	3.84
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3099.61	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.56	3.56
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3174.22	3.25	0	81.03	0	0.39	0	0	15.68	0	0	0	0	0	0	3.21	3.21
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3220.04	3.25	0	81.16	0	0.4	0	0	15.76	0	0	0	0	0	0	3	3
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3276.32	3.25	0	81.31	0	0.41	0	0	15.85	0	0	0	0	0	0	2.74	2.74
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3336.84	3.25	0	81.47	0	0.42	0	0	15.96	0	0	0	0	0	0	2.47	2.47
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3421.99	3.25	0	81.69	0	0.44	0	0	16.1	0	0	0	0	0	0	2.09	2.09
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3482.28	3.25	0	81.84	0	0.45	0	0	16.2	0	0	0	0	0	0	1.83	1.83
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3580.3	3.25	0	82.08	0	0.46	0	0	16.37	0	0	0	0	0	0	1.4	1.4
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3633.62	3.25	0	82.21	0	0.47	0	0	16.45	0	0	0	0	0	0	1.18	1.18
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1569.6	3.25	0	74.92	0	0.43	0	0	3.61	0	0	0	0	0	0	12.12	12.12
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1642.47	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	11.58	11.58
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1655.73	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	11.48	11.48
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1750.4	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	10.8	10.8
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1787.03	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	10.55	10.55
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1855.64	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	10.08	10.08
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1911.89	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	9.71	9.71
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1970.85	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	9.33	9.33
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3752.62	3.5	0	82.49	0	3.53	0	0	2.71	0	0	0	0	0	0	7.9	7.9
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2055.04	3.25	0	77.26	0	0.56	0	0	4.46	0	0	0	0	0	0	8.8	8.8
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2071.65	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.7	8.7
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2124.55	3.25	0	77.55	0	0.58	0	0	4.58	0	0	0	0	0	0	8.38	8.38
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2193.73	3.25	0	77.82	0	0.6	0	0	4.69	0	0	0	0	0	0	7.97	7.97
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2240.9	3.25	0	78.01	0	0.61	0	0	4.77	0	0	0	0	0	0	7.69	7.69
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2317.9	3.25	0	78.3	0	0.63	0	0	4.9	0	0	0	0	0	0	7.25	7.25
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2333.69	3.25	0	78.36	0	0.63	0	0	4.92	0	0	0	0	0	0	7.16	7.16
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2462.42	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.45	6.45
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2603.8	3.25	0	79.31	0	0.7	0	0	5.35	0	0	0	0	0	0	5.71	5.71
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2708.32	3.25	0	79.65	0	0.73	0	0	5.51	0	0	0	0	0	0	5.18	5.18
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2868.23	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.39	4.39
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2969.21	3.25	0	80.45	0	0.8	0	0	5.91	0	0	0	0	0	0	3.92	3.92
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3036.98	3.25	0	80.65	0	0.81	0	0	6.01	0	0	0	0	0	0	3.6	3.6
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3104.11	3.25	0	80.84	0	0.83	0	0	6.11	0	0	0	0	0	0	3.3	3.3
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3178.45	3.25	0	81.04	0	0.85	0	0	6.22	0	0	0	0	0	0	2.96	2.96
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3215.41	3.25	0	81.14	0	0.86	0	0	6.28	0	0	0	0	0	0	2.8	2.8
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3272.62	3.25	0	81.3	0	0.87	0	0	6.36	0	0	0	0	0	0	2.55	2.55
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3333.31	3.25	0	81.46	0	0.89	0	0	6.45	0	0	0	0	0	0	2.29	2.29
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3425.79	3.25	0	81.7	0	0.91	0	0	6.58	0	0	0	0	0	0	1.9	1.9
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3486.64	3.25	0	81.85	0	0.92	0	0	6.66	0	0	0	0	0	0	1.64	1.64
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3575.7	3.25	0	82.07	0	0.94	0	0	6.79	0	0	0	0	0	0	1.28	1.28
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3629.2	3.25	0	82.2	0	0.96	0	0	6.86	0	0	0	0	0	0	1.06	1.06
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3744.89	3.77	0	82.47	0	-0.12	0	0	7.02	0	0	0	0	0	0	-2.39	-2.39
imit. Value D/N:	0	0																								
Level D/N:	27.363	27.363																								

Receiver: Existing Noise Receptor
ID: R93
X: 338633
Y: 4680976
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3644.55	4.15	0	82.23	0	-0.4	0	0	6.88	0	0	0	0	0	0	22.46	22.46
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1488.19	3.25	0	74.45	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.6	13.6
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1549.52	3.25	0	74.8	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.08	13.08
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1569.11	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.91	12.91
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1659.87	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1704.76	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1767.66	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.35	11.35
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1832.81	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1886.47	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.48	10.48
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1966.21	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2001.61	3.25	0	77.03	0	0.13	0	0	13.47	0	0	0	0	0	0	9.69	9.69
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2041.18	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.43	9.43
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2113.43	3.25	0	77.5	0	0.16	0	0	13.7	0	0	0	0	0	0	8.95	8.95
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2167.86	3.25	0	77.72	0	0.18	0	0	13.81	0	0	0	0	0	0	8.61	8.61
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2232.09	3.25	0	77.97	0	0.19	0	0	13.94	0	0	0	0	0	0	8.21	8.21
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2241.64	3.25	0	78.01	0	0.19	0	0	13.96	0	0	0	0	0	0	8.15	8.15
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2372.01	3.25	0	78.5	0	0.23	0	0	14.21	0	0	0	0	0	0	7.37	7.37
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2514.18	3.25	0	79.01	0	0.26	0	0	14.49	0	0	0	0	0	0	6.56	6.56
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2621.28	3.25	0	79.37	0	0.28	0	0	14.69	0	0	0	0	0	0	5.97	5.97
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2782.5	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2892.53	3.25	0	80.23	0	0.34	0	0	15.18	0	0	0	0	0	0	4.56	4.56
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2958.05	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3021.43	3.25	0	80.6	0	0.37	0	0	15.41	0	0	0	0	0	0	3.93	3.93
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3092.44	3.25	0	80.81	0	0.38	0	0	15.53	0	0	0	0	0	0	3.59	3.59
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3143.8	3.25	0	80.95	0	0.39	0	0	15.62	0	0	0	0	0	0	3.35	3.35
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3197.32	3.25	0	81.1	0	0.4	0	0	15.72	0	0	0	0	0	0	3.1	3.1
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3255.14	3.25	0	81.25	0	0.41	0	0	15.82	0	0	0	0	0	0	2.84	2.84
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3344.78	3.25	0	81.49	0	0.42	0	0	15.97	0	0	0	0	0	0	2.43	2.43
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3402.03	3.25	0	81.63	0	0.43	0	0	16.07	0	0	0	0	0	0	2.18	2.18
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3503.64	3.25	0	81.89	0	0.45	0	0	16.24	0	0	0	0	0	0	1.73	1.73
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3554.27	3.25	0	82.01	0	0.46	0	0	16.32	0	0	0	0	0	0	1.52	1.52
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1492.89	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	12.72	12.72
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1552.37	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.25	12.25
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1573.38	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.09	12.09
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1663.73	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.42	11.42
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1708.58	3.25	0	75.65	0	0.47	0	0	3.86	0	0	0	0	0	0	11.1	11.1
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1771.8	3.25	0	75.97	0	0.48	0	0	3.97	0	0	0	0	0	0	10.65	10.65
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1836.8	3.25	0	76.28	0	0.5	0	0	4.09	0	0	0	0	0	0	10.21	10.21
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1890.14	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3670.92	3.5	0	82.3	0	0.52	0	0	2.67	0	0	0	0	0	0	8.15	8.15
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1969.52	3.25	0	76.89	0	0.54	0	0	4.31	0	0	0	0	0	0	9.34	9.34
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1996.8	3.25	0	77.01	0	0.54	0	0	4.36	0	0	0	0	0	0	9.17	9.17
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2044.91	3.25	0	77.21	0	0.56	0	0	4.44	0	0	0	0	0	0	8.86	8.86
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2109.35	3.25	0	77.48	0	0.57	0	0	4.55	0	0	0	0	0	0	8.47	8.47
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2163.96	3.25	0	77.71	0	0.59	0	0	4.64	0	0	0	0	0	0	8.14	8.14
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2236.42	3.25	0	77.99	0	0.61	0	0	4.76	0	0	0	0	0	0	7.72	7.72
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2245.28	3.25	0	78.03	0	0.61	0	0	4.78	0	0	0	0	0	0	7.67	7.67
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2375.86	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.93	6.93
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2518.12	3.25	0	79.02	0	0.68	0	0	5.22	0	0	0	0	0	0	6.16	6.16
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2624.73	3.25	0	79.38	0	0.71	0	0	5.38	0	0	0	0	0	0	5.6	5.6
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2786.05	3.25	0	79.9	0	0.75	0	0	5.63	0	0	0	0	0	0	4.79	4.79
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2888.85	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.29	4.29
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2953.86	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.99	3.99
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3026.01	3.25	0	80.62	0	0.81	0	0	6	0	0	0	0	0	0	3.65	3.65
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3096.74	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3139.1	3.25	0	80.94	0	0.84	0	0	6.16	0	0	0	0	0	0	3.14	3.14
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3193.57	3.25	0	81.09	0	0.85	0	0	6.24	0	0	0	0	0	0	2.9	2.9
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3251.55	3.25	0	81.24	0	0.87	0	0	6.33	0	0	0	0	0	0	2.64	2.64
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3348.64	3.25	0	81.5	0	0.89	0	0	6.47	0	0	0	0	0	0	2.22	2.22
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3406.45	3.25	0	81.65	0	0.9	0	0	6.55	0	0	0	0	0	0	1.98	1.98
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3498.97	3.25	0	81.88	0	0.93	0	0	6.68	0	0	0	0	0	0	1.59	1.59
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3549.79	3.25	0	82	0	0.94	0	0	6.75	0	0	0	0	0	0	1.38	1.38
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3662.95	3.77	0	82.28	0	-0.14	0	0	6.91	0	0	0	0	0	0	-2.07	-2.07
imit. Value D/N:	0	0																									
Level D/N:	27.8422	27.8422																									

Receiver: Existing Noise Receptor
ID: R94
X: 338596

Y: 4680986
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3664.06	4.15	0	82.28	0	-0.4	0	0	6.91	0	0	0	0	0	0	22.39	22.39
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1511.25	3.25	0	74.59	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.4	13.4
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1562.77	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.97	12.97
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1588.77	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1676.28	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1726.77	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.66	11.66
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1786.2	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	11.21	11.21
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1856.57	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1907.08	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1983.45	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2025.53	3.25	0	77.13	0	0.14	0	0	13.52	0	0	0	0	0	0	9.53	9.53
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2062.38	3.25	0	77.29	0	0.15	0	0	13.59	0	0	0	0	0	0	9.29	9.29
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2131.62	3.25	0	77.57	0	0.17	0	0	13.73	0	0	0	0	0	0	8.84	8.84
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2190.64	3.25	0	77.81	0	0.18	0	0	13.85	0	0	0	0	0	0	8.47	8.47
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2252.09	3.25	0	78.05	0	0.2	0	0	13.98	0	0	0	0	0	0	8.09	8.09
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2256.34	3.25	0	78.07	0	0.2	0	0	13.99	0	0	0	0	0	0	8.06	8.06
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2388.3	3.25	0	78.56	0	0.23	0	0	14.24	0	0	0	0	0	0	7.28	7.28
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2531.15	3.25	0	79.07	0	0.26	0	0	14.52	0	0	0	0	0	0	6.46	6.46
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2639.79	3.25	0	79.43	0	0.29	0	0	14.72	0	0	0	0	0	0	5.87	5.87
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2801.95	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2913.19	3.25	0	80.29	0	0.35	0	0	15.22	0	0	0	0	0	0	4.46	4.46
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2976.92	3.25	0	80.48	0	0.36	0	0	15.33	0	0	0	0	0	0	4.15	4.15
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3043.31	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.83	3.83
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3112.14	3.25	0	80.86	0	0.38	0	0	15.57	0	0	0	0	0	0	3.5	3.5
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3166.71	3.25	0	81.01	0	0.39	0	0	15.66	0	0	0	0	0	0	3.24	3.24
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3218.71	3.25	0	81.15	0	0.4	0	0	15.75	0	0	0	0	0	0	3	3
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3274.86	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.75	2.75
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3367.14	3.25	0	81.55	0	0.43	0	0	16.01	0	0	0	0	0	0	2.33	2.33
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3422.65	3.25	0	81.69	0	0.44	0	0	16.1	0	0	0	0	0	0	2.09	2.09
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3526.28	3.25	0	81.95	0	0.46	0	0	16.28	0	0	0	0	0	0	1.64	1.64
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3575.4	3.25	0	82.07	0	0.46	0	0	16.36	0	0	0	0	0	0	1.43	1.43
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1516.02	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	12.54	12.54
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1565.72	3.25	0	74.89	0	0.43	0	0	3.6	0	0	0	0	0	0	12.15	12.15
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1593.13	3.25	0	75.05	0	0.43	0	0	3.65	0	0	0	0	0	0	11.94	11.94
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1680.22	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1730.64	3.25	0	75.76	0	0.47	0	0	3.9	0	0	0	0	0	0	10.94	10.94
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1790.42	3.25	0	76.06	0	0.49	0	0	4	0	0	0	0	0	0	10.53	10.53
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1860.61	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	10.05	10.05
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1910.8	3.25	0	76.62	0	0.52	0	0	4.21	0	0	0	0	0	0	9.72	9.72
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3690.6	3.5	0	82.34	0	3.53	0	0	2.68	0	0	0	0	0	0	8.09	8.09
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1986.82	3.25	0	76.96	0	0.54	0	0	4.34	0	0	0	0	0	0	9.23	9.23
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2020.67	3.25	0	77.11	0	0.55	0	0	4.4	0	0	0	0	0	0	9.02	9.02
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2066.16	3.25	0	77.3	0	0.56	0	0	4.48	0	0	0	0	0	0	8.73	8.73
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2127.46	3.25	0	77.56	0	0.58	0	0	4.58	0	0	0	0	0	0	8.36	8.36
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2186.7	3.25	0	77.8	0	0.59	0	0	4.68	0	0	0	0	0	0	8.01	8.01
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2256.48	3.25	0	78.07	0	0.61	0	0	4.79	0	0	0	0	0	0	7.6	7.6
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2260.05	3.25	0	78.08	0	0.61	0	0	4.8	0	0	0	0	0	0	7.58	7.58
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2392.22	3.25	0	78.58	0	0.65	0	0	5.02	0	0	0	0	0	0	6.84	6.84
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2535.16	3.25	0	79.08	0	0.69	0	0	5.24	0	0	0	0	0	0	6.07	6.07
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2643.29	3.25	0	79.44	0	0.71	0	0	5.41	0	0	0	0	0	0	5.51	5.51
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2805.54	3.25	0	79.96	0	0.76	0	0	5.66	0	0	0	0	0	0	4.7	4.7
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2909.48	3.25	0	80.28	0	0.78	0	0	5.82	0	0	0	0	0	0	4.2	4.2
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2972.69	3.25	0	80.46	0	0.8	0	0	5.92	0	0	0	0	0	0	3.9	3.9
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3047.92	3.25	0	80.68	0	0.82	0	0	6.03	0	0	0	0	0	0	3.55	3.55
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3116.48	3.25	0	80.87	0	0.83	0	0	6.13	0	0	0	0	0	0	3.24	3.24
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3161.97	3.25	0	81	0	0.84	0	0	6.2	0	0	0	0	0	0	3.04	3.04
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3214.92	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.8	2.8
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3271.24	3.25	0	81.29	0	0.87	0	0	6.36	0	0	0	0	0	0	2.55	2.55
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3371.03	3.25	0	81.56	0	0.9	0	0	6.5	0	0	0	0	0	0	2.13	2.13
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3427.11	3.25	0	81.7	0	0.91	0	0	6.58	0	0	0	0	0	0	1.89	1.89
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3521.58	3.25	0	81.93	0	0.93	0	0	6.71	0	0	0	0	0	0	1.5	1.5
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3570.88	3.25	0	82.06	0	0.94	0	0	6.78	0	0	0	0	0	0	1.3	1.3
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3682.47	3.77	0	82.32	0	-0.14	0	0	6.94	0	0	0	0	0	0	-2.14	-2.14

imit. Value D/N: 0 0
Level D/N: 27.7261 27.7261

Receiver: Existing Noise Receptor
ID: R95
X: 338558
Y: 4680884
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3762.56	4.15	0	82.51	0	-0.38	0	0	7.05	0	0	0	0	0	0	22	22
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1604.35	3.25	0	75.11	0	0	0	0	12.58	0	0	0	0	0	0	12.62	12.62
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1667.88	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.11	12.11
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1687.16	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.96	11.96
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1778.56	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.27	11.27
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1821.62	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.95	10.95
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1886.04	3.25	0	76.51	0	0.1	0	0	13.22	0	0	0	0	0	0	10.49	10.49
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1948.3	3.25	0	76.79	0	0.11	0	0	13.35	0	0	0	0	0	0	10.05	10.05
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2004.09	3.25	0	77.04	0	0.13	0	0	13.47	0	0	0	0	0	0	9.67	9.67
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2084.83	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.14	9.14
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2116.92	3.25	0	77.51	0	0.16	0	0	13.7	0	0	0	0	0	0	8.93	8.93
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2158.47	3.25	0	77.68	0	0.17	0	0	13.79	0	0	0	0	0	0	8.67	8.67
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2231.88	3.25	0	77.97	0	0.19	0	0	13.94	0	0	0	0	0	0	8.21	8.21
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2284.1	3.25	0	78.17	0	0.21	0	0	14.04	0	0	0	0	0	0	7.89	7.89
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2349.95	3.25	0	78.42	0	0.22	0	0	14.17	0	0	0	0	0	0	7.5	7.5
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2360.27	3.25	0	78.46	0	0.22	0	0	14.19	0	0	0	0	0	0	7.44	7.44
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2490.7	3.25	0	78.93	0	0.25	0	0	14.44	0	0	0	0	0	0	6.69	6.69
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2632.82	3.25	0	79.41	0	0.29	0	0	14.71	0	0	0	0	0	0	5.91	5.91
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2739.63	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.34	5.34
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2900.55	3.25	0	80.25	0	0.34	0	0	15.2	0	0	0	0	0	0	4.52	4.52
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3010.06	3.25	0	80.57	0	0.36	0	0	15.39	0	0	0	0	0	0	3.99	3.99
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3076.29	3.25	0	80.76	0	0.38	0	0	15.51	0	0	0	0	0	0	3.67	3.67
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3138.24	3.25	0	80.93	0	0.39	0	0	15.61	0	0	0	0	0	0	3.38	3.38
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3210.39	3.25	0	81.13	0	0.4	0	0	15.74	0	0	0	0	0	0	3.04	3.04
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3259.84	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.81	2.81
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3314.43	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.57	2.57
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3373.07	3.25	0	81.56	0	0.43	0	0	16.02	0	0	0	0	0	0	2.3	2.3
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3461.22	3.25	0	81.78	0	0.44	0	0	16.17	0	0	0	0	0	0	1.92	1.92
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3519.56	3.25	0	81.93	0	0.45	0	0	16.26	0	0	0	0	0	0	1.66	1.66
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3619.87	3.25	0	82.17	0	0.47	0	0	16.43	0	0	0	0	0	0	1.24	1.24
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3671.5	3.25	0	82.3	0	0.48	0	0	16.52	0	0	0	0	0	0	1.02	1.02
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1608.99	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.82	11.82
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1670.75	3.25	0	75.46	0	0.45	0	0	3.79	0	0	0	0	0	0	11.37	11.37
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1691.4	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.22	11.22
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1782.41	3.25	0	76.02	0	0.48	0	0	3.99	0	0	0	0	0	0	10.58	10.58
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1825.39	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.29	10.29
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1890.16	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1952.25	3.25	0	76.81	0	0.53	0	0	4.29	0	0	0	0	0	0	9.45	9.45
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3788.86	3.5	0	82.57	0	3.54	0	0	2.73	0	0	0	0	0	0	7.79	7.79
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2007.74	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.1	9.1
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2088.13	3.25	0	77.4	0	0.57	0	0	4.52	0	0	0	0	0	0	8.6	8.6
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2112.16	3.25	0	77.49	0	0.57	0	0	4.56	0	0	0	0	0	0	8.45	8.45
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2162.18	3.25	0	77.7	0	0.59	0	0	4.64	0	0	0	0	0	0	8.15	8.15
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2227.81	3.25	0	77.96	0	0.6	0	0	4.75	0	0	0	0	0	0	7.77	7.77
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2280.24	3.25	0	78.16	0	0.62	0	0	4.83	0	0	0	0	0	0	7.46	7.46
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2354.26	3.25	0	78.44	0	0.64	0	0	4.95	0	0	0	0	0	0	7.05	7.05
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2363.92	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	6.99	6.99
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2494.55	3.25	0	78.94	0	0.67	0	0	5.18	0	0	0	0	0	0	6.28	6.28
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2636.76	3.25	0	79.42	0	0.71	0	0	5.4	0	0	0	0	0	0	5.54	5.54
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2743.07	3.25	0	79.76	0	0.74	0	0	5.57	0	0	0	0	0	0	5	5
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2904.09	3.25	0	80.26	0	0.78	0	0	5.81	0	0	0	0	0	0	4.22	4.22
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3006.39	3.25	0	80.56	0	0.81	0	0	5.97	0	0	0	0	0	0	3.74	3.74
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3072.12	3.25	0	80.75	0	0.82	0	0	6.06	0	0	0	0	0	0	3.44	3.44
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3142.78	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.12	3.12
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3214.67	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.8	2.8
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3255.18	3.25	0	81.25	0	0.87	0	0	6.33	0	0	0	0	0	0	2.62	2.62
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3310.69	3.25	0	81.4	0	0.88	0	0	6.41	0	0	0	0	0	0	2.38	2.38
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3369.5	3.25	0	81.55	0	0.9	0	0	6.5	0	0	0	0	0	0	2.13	2.13
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3465.06	3.25	0	81.79	0	0.92	0	0	6.63	0	0	0	0	0	0	1.73	1.73
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3523.95	3.25	0	81.94	0	0.93	0	0	6.72	0	0	0	0	0	0	1.49	1.49
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3615.23	3.25	0	82.16	0	0.95	0	0	6.84	0	0	0	0	0	0	1.12	1.12
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3667.04	3.25	0	82.29	0	0.96	0	0	6.91	0	0	0	0	0	0	0.91	0.91
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3780.95	3.77	0	82.55	0	-0.11	0	0	7.07	0	0	0	0	0	0	-2.53	-2.53

imit. Value D/N: 0 0
Level D/N: 27.16 27.16

Receiver: Existing Noise Receptor
ID: R96
X: 338521
Y: 4680887
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3786.84	4.15	0	82.57	0	-0.37	0	0	7.08	0	0	0	0	0	0	21.9	21.9
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1631.24	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.41	12.41
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1686.95	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1711.41	3.25	0	75.67	0	0.04	0	0	12.83	0	0	0	0	0	0	11.78	11.78
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1800.21	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1847.75	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.76	10.76
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1909.42	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.32	10.32
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1975.82	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.86	9.86
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2029.14	3.25	0	77.15	0	0.14	0	0	13.52	0	0	0	0	0	0	9.51	9.51
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2107.17	3.25	0	77.47	0	0.16	0	0	13.68	0	0	0	0	0	0	8.99	8.99
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2144.6	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.75	8.75
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2184.02	3.25	0	77.79	0	0.18	0	0	13.84	0	0	0	0	0	0	8.51	8.51
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2255	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.07	8.07
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2310.91	3.25	0	78.28	0	0.21	0	0	14.09	0	0	0	0	0	0	7.73	7.73
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2374.56	3.25	0	78.51	0	0.23	0	0	14.22	0	0	0	0	0	0	7.36	7.36
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2380.53	3.25	0	78.53	0	0.23	0	0	14.23	0	0	0	0	0	0	7.32	7.32
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2512.28	3.25	0	79	0	0.26	0	0	14.48	0	0	0	0	0	0	6.57	6.57
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2654.97	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.79	5.79
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2763.05	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.22	5.22
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2924.75	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.4	4.4
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3035.24	3.25	0	80.64	0	0.37	0	0	15.43	0	0	0	0	0	0	3.87	3.87
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3100.02	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.56	3.56
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3164.41	3.25	0	81.01	0	0.39	0	0	15.66	0	0	0	0	0	0	3.25	3.25
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3234.8	3.25	0	81.2	0	0.41	0	0	15.78	0	0	0	0	0	0	2.93	2.93
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3286.86	3.25	0	81.34	0	0.41	0	0	15.87	0	0	0	0	0	0	2.69	2.69
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3340.22	3.25	0	81.48	0	0.42	0	0	15.96	0	0	0	0	0	0	2.45	2.45
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3397.51	3.25	0	81.62	0	0.43	0	0	16.06	0	0	0	0	0	0	2.2	2.2
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3487.81	3.25	0	81.85	0	0.45	0	0	16.21	0	0	0	0	0	0	1.8	1.8
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3544.73	3.25	0	81.99	0	0.46	0	0	16.31	0	0	0	0	0	0	1.56	1.56
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3646.69	3.25	0	82.24	0	0.47	0	0	16.48	0	0	0	0	0	0	1.12	1.12
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3697.11	3.25	0	82.36	0	0.48	0	0	16.56	0	0	0	0	0	0	0.91	0.91
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1635.95	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	11.62	11.62
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1689.9	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.23	11.23
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1715.72	3.25	0	75.69	0	0.47	0	0	3.87	0	0	0	0	0	0	11.05	11.05
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1804.13	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.43	10.43
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1851.57	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	10.11	10.11
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1913.6	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.7	9.7
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1979.81	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3813.28	3.5	0	82.63	0	3.54	0	0	2.74	0	0	0	0	0	0	7.72	7.72
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2032.83	3.25	0	77.16	0	0.55	0	0	4.42	0	0	0	0	0	0	8.94	8.94
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2110.52	3.25	0	77.49	0	0.57	0	0	4.55	0	0	0	0	0	0	8.46	8.46
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2139.8	3.25	0	77.61	0	0.58	0	0	4.6	0	0	0	0	0	0	8.29	8.29
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2187.76	3.25	0	77.8	0	0.59	0	0	4.68	0	0	0	0	0	0	8	8
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2250.88	3.25	0	78.05	0	0.61	0	0	4.79	0	0	0	0	0	0	7.63	7.63
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2307.02	3.25	0	78.26	0	0.63	0	0	4.88	0	0	0	0	0	0	7.31	7.31
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2378.91	3.25	0	78.53	0	0.64	0	0	4.99	0	0	0	0	0	0	6.91	6.91
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2384.23	3.25	0	78.55	0	0.65	0	0	5	0	0	0	0	0	0	6.88	6.88
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2516.18	3.25	0	79.01	0	0.68	0	0	5.21	0	0	0	0	0	0	6.17	6.17
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2658.95	3.25	0	79.49	0	0.72	0	0	5.44	0	0	0	0	0	0	5.43	5.43
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2766.53	3.25	0	79.84	0	0.75	0	0	5.6	0	0	0	0	0	0	4.89	4.89
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2928.32	3.25	0	80.33	0	0.79	0	0	5.85	0	0	0	0	0	0	4.11	4.11
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3031.55	3.25	0	80.63	0	0.81	0	0	6	0	0	0	0	0	0	3.63	3.63
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3095.81	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3168.99	3.25	0	81.02	0	0.85	0	0	6.21	0	0	0	0	0	0	3	3
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3239.12	3.25	0	81.21	0	0.86	0	0	6.31	0	0	0	0	0	0	2.69	2.69
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3282.16	3.25	0	81.32	0	0.87	0	0	6.37	0	0	0	0	0	0	2.51	2.51
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3336.46	3.25	0	81.47	0	0.89	0	0	6.45	0	0	0	0	0	0	2.27	2.27
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3393.91	3.25	0	81.61	0	0.9	0	0	6.53	0	0	0	0	0	0	2.03	2.03
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3491.68	3.25	0	81.86	0	0.92	0	0	6.67	0	0	0	0	0	0	1.62	1.62
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3549.16	3.25	0	82	0	0.94	0	0	6.75	0	0	0	0	0	0	1.39	1.39

	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3642.02	3.25	0	82.23	0	0.96	0	0	6.88	0	0	0	0	0	0	1.01	1.01
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3692.62	3.25	0	82.35	0	0.97	0	0	6.95	0	0	0	0	0	0	0.81	0.81
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3805.24	3.77	0	82.61	0	-0.11	0	0	7.1	0	0	0	0	0	0	-2.63	-2.63
imit. Value D/N:	0	0																								
Level D/N:	27.0243	27.0243																								

Receiver: Existing Noise Receptor
ID: R97
X: 338496
Y: 4680888
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3804.07	4.15	0	82.6	0	-0.37	0	0	7.1	0	0	0	0	0	0	21.84	21.84
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1650.27	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1701	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.86	11.86
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1728.76	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.64	11.64
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1815.89	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	10.99	10.99
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1866.27	3.25	0	76.42	0	0.09	0	0	13.18	0	0	0	0	0	0	10.63	10.63
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1926.19	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.21	10.21
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1995.21	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.73	9.73
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2046.96	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2123.25	3.25	0	77.54	0	0.16	0	0	13.72	0	0	0	0	0	0	8.89	8.89
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2164.08	3.25	0	77.71	0	0.17	0	0	13.8	0	0	0	0	0	0	8.63	8.63
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2202.14	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.39	8.39
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2271.57	3.25	0	78.13	0	0.2	0	0	14.02	0	0	0	0	0	0	7.97	7.97
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2329.83	3.25	0	78.35	0	0.22	0	0	14.13	0	0	0	0	0	0	7.62	7.62
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2392.06	3.25	0	78.58	0	0.23	0	0	14.25	0	0	0	0	0	0	7.25	7.25
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2395.24	3.25	0	78.59	0	0.23	0	0	14.26	0	0	0	0	0	0	7.23	7.23
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2527.83	3.25	0	79.05	0	0.26	0	0	14.51	0	0	0	0	0	0	6.48	6.48
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2670.88	3.25	0	79.53	0	0.3	0	0	14.78	0	0	0	0	0	0	5.71	5.71
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2779.77	3.25	0	79.88	0	0.32	0	0	14.98	0	0	0	0	0	0	5.14	5.14
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2941.96	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.32	4.32
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3053.08	3.25	0	80.69	0	0.37	0	0	15.47	0	0	0	0	0	0	3.78	3.78
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3116.93	3.25	0	80.87	0	0.38	0	0	15.58	0	0	0	0	0	0	3.48	3.48
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3182.88	3.25	0	81.06	0	0.4	0	0	15.69	0	0	0	0	0	0	3.17	3.17
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3252.14	3.25	0	81.24	0	0.41	0	0	15.81	0	0	0	0	0	0	2.85	2.85
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3305.85	3.25	0	81.39	0	0.42	0	0	15.9	0	0	0	0	0	0	2.61	2.61
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3358.44	3.25	0	81.52	0	0.43	0	0	15.99	0	0	0	0	0	0	2.37	2.37
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3414.86	3.25	0	81.67	0	0.44	0	0	16.09	0	0	0	0	0	0	2.12	2.12
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3506.53	3.25	0	81.9	0	0.45	0	0	16.24	0	0	0	0	0	0	1.72	1.72
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3562.55	3.25	0	82.04	0	0.46	0	0	16.34	0	0	0	0	0	0	1.48	1.48
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3665.56	3.25	0	82.28	0	0.48	0	0	16.51	0	0	0	0	0	0	1.05	1.05
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3715.19	3.25	0	82.4	0	0.49	0	0	16.59	0	0	0	0	0	0	0.84	0.84
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1655.01	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	11.48	11.48
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1704	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.13	11.13
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1733.12	3.25	0	75.78	0	0.47	0	0	3.9	0	0	0	0	0	0	10.92	10.92
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1819.86	3.25	0	76.2	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1870.12	3.25	0	76.44	0	0.51	0	0	4.14	0	0	0	0	0	0	9.99	9.99
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1930.42	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	9.59	9.59
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1999.22	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.15	9.15
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3830.6	3.5	0	82.67	0	3.55	0	0	2.75	0	0	0	0	0	0	7.67	7.67
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2050.68	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.83	8.83
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2126.64	3.25	0	77.55	0	0.58	0	0	4.58	0	0	0	0	0	0	8.37	8.37
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2159.25	3.25	0	77.69	0	0.59	0	0	4.63	0	0	0	0	0	0	8.17	8.17
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2205.91	3.25	0	77.87	0	0.6	0	0	4.71	0	0	0	0	0	0	7.89	7.89
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2267.41	3.25	0	78.11	0	0.61	0	0	4.81	0	0	0	0	0	0	7.54	7.54
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2325.91	3.25	0	78.33	0	0.63	0	0	4.91	0	0	0	0	0	0	7.21	7.21
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2396.45	3.25	0	78.59	0	0.65	0	0	5.02	0	0	0	0	0	0	6.81	6.81
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2398.99	3.25	0	78.6	0	0.65	0	0	5.03	0	0	0	0	0	0	6.8	6.8
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2531.77	3.25	0	79.07	0	0.68	0	0	5.24	0	0	0	0	0	0	6.09	6.09
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2674.9	3.25	0	79.55	0	0.72	0	0	5.46	0	0	0	0	0	0	5.35	5.35
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2783.28	3.25	0	79.89	0	0.75	0	0	5.63	0	0	0	0	0	0	4.81	4.81
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2945.55	3.25	0	80.38	0	0.79	0	0	5.88	0	0	0	0	0	0	4.03	4.03
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3049.37	3.25	0	80.68	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3112.69	3.25	0	80.86	0	0.83	0	0	6.12	0	0	0	0	0	0	3.26	3.26
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3187.48	3.25	0	81.07	0	0.85	0	0	6.23	0	0	0	0	0	0	2.92	2.92
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3256.48	3.25	0	81.25	0	0.87	0	0	6.33	0	0	0	0	0	0	2.62	2.62
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3301.14	3.25	0	81.37	0	0.88	0	0	6.4	0	0	0	0	0	0	2.43	2.43
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3354.66	3.25	0	81.51	0	0.89	0	0	6.48	0	0	0	0	0	0	2.2	2.2

	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3411.25	3.25	0	81.66	0	0.9	0	0	6.56	0	0	0	0	0	0	1.96	1.96
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3510.41	3.25	0	81.91	0	0.93	0	0	6.7	0	0	0	0	0	0	1.54	1.54
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3567	3.25	0	82.05	0	0.94	0	0	6.78	0	0	0	0	0	0	1.31	1.31
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3660.87	3.25	0	82.27	0	0.96	0	0	6.91	0	0	0	0	0	0	0.94	0.94
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3710.69	3.25	0	82.39	0	0.97	0	0	6.97	0	0	0	0	0	0	0.74	0.74
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3822.48	3.77	0	82.65	0	-0.1	0	0	7.13	0	0	0	0	0	0	-2.69	-2.69
imit. Value D/N:	0	0																								
Level D/N:	26.9284	26.9284																								

Receiver: Existing Noise Receptor
ID: R98
X: 338467
Y: 4680889
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3824.28	4.15	0	82.65	0	-0.36	0	0	7.13	0	0	0	0	0	0	21.76	21.76
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1672.64	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.08	12.08
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1717.74	3.25	0	75.7	0	0.04	0	0	12.84	0	0	0	0	0	0	11.73	11.73
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1749.23	3.25	0	75.86	0	0.05	0	0	12.91	0	0	0	0	0	0	11.49	11.49
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1834.46	3.25	0	76.27	0	0.08	0	0	13.11	0	0	0	0	0	0	10.86	10.86
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1888.04	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.47	10.47
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1945.98	3.25	0	76.78	0	0.11	0	0	13.35	0	0	0	0	0	0	10.07	10.07
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2017.95	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.58	9.58
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2067.92	3.25	0	77.31	0	0.15	0	0	13.6	0	0	0	0	0	0	9.25	9.25
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2142.24	3.25	0	77.62	0	0.17	0	0	13.76	0	0	0	0	0	0	8.77	8.77
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2186.9	3.25	0	77.8	0	0.18	0	0	13.85	0	0	0	0	0	0	8.49	8.49
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2223.43	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.26	8.26
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2291.1	3.25	0	78.2	0	0.21	0	0	14.05	0	0	0	0	0	0	7.85	7.85
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2352.01	3.25	0	78.43	0	0.22	0	0	14.17	0	0	0	0	0	0	7.49	7.49
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2412.65	3.25	0	78.65	0	0.24	0	0	14.29	0	0	0	0	0	0	7.13	7.13
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2412.65	3.25	0	78.65	0	0.24	0	0	14.29	0	0	0	0	0	0	7.13	7.13
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2546.19	3.25	0	79.12	0	0.27	0	0	14.55	0	0	0	0	0	0	6.38	6.38
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2689.63	3.25	0	79.59	0	0.3	0	0	14.81	0	0	0	0	0	0	5.61	5.61
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2799.44	3.25	0	79.94	0	0.32	0	0	15.01	0	0	0	0	0	0	5.04	5.04
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2962.17	3.25	0	80.43	0	0.35	0	0	15.31	0	0	0	0	0	0	4.22	4.22
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3074.01	3.25	0	80.75	0	0.38	0	0	15.5	0	0	0	0	0	0	3.68	3.68
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3136.79	3.25	0	80.93	0	0.39	0	0	15.61	0	0	0	0	0	0	3.38	3.38
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3204.52	3.25	0	81.12	0	0.4	0	0	15.73	0	0	0	0	0	0	3.07	3.07
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3272.49	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.76	2.76
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3328.09	3.25	0	81.44	0	0.42	0	0	15.94	0	0	0	0	0	0	2.51	2.51
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3379.78	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.27	2.27
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3435.22	3.25	0	81.72	0	0.44	0	0	16.12	0	0	0	0	0	0	2.03	2.03
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3528.45	3.25	0	81.95	0	0.46	0	0	16.28	0	0	0	0	0	0	1.63	1.63
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3583.43	3.25	0	82.09	0	0.46	0	0	16.37	0	0	0	0	0	0	1.39	1.39
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3687.63	3.25	0	82.33	0	0.48	0	0	16.54	0	0	0	0	0	0	0.95	0.95
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3736.38	3.25	0	82.45	0	0.49	0	0	16.62	0	0	0	0	0	0	0.75	0.75
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1677.42	3.25	0	75.49	0	0.46	0	0	3.81	0	0	0	0	0	0	11.32	11.32
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1720.8	3.25	0	75.71	0	0.47	0	0	3.88	0	0	0	0	0	0	11.01	11.01
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1753.64	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1838.48	3.25	0	76.29	0	0.5	0	0	4.09	0	0	0	0	0	0	10.2	10.2
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1891.93	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	9.84	9.84
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1950.25	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	9.46	9.46
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2021.99	3.25	0	77.12	0	0.55	0	0	4.4	0	0	0	0	0	0	9.01	9.01
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3850.91	3.5	0	82.71	0	3.55	0	0	2.76	0	0	0	0	0	0	7.61	7.61
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2071.67	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.7	8.7
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2145.66	3.25	0	77.63	0	0.58	0	0	4.61	0	0	0	0	0	0	8.25	8.25
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2182.04	3.25	0	77.78	0	0.59	0	0	4.67	0	0	0	0	0	0	8.03	8.03
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2227.23	3.25	0	77.96	0	0.6	0	0	4.75	0	0	0	0	0	0	7.77	7.77
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2286.9	3.25	0	78.18	0	0.62	0	0	4.84	0	0	0	0	0	0	7.43	7.43
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2348.07	3.25	0	78.41	0	0.64	0	0	4.94	0	0	0	0	0	0	7.08	7.08
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2416.44	3.25	0	78.66	0	0.65	0	0	5.05	0	0	0	0	0	0	6.7	6.7
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2417.07	3.25	0	78.67	0	0.65	0	0	5.06	0	0	0	0	0	0	6.7	6.7
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2550.16	3.25	0	79.13	0	0.69	0	0	5.27	0	0	0	0	0	0	5.99	5.99
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2693.69	3.25	0	79.61	0	0.73	0	0	5.49	0	0	0	0	0	0	5.25	5.25
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2802.97	3.25	0	79.95	0	0.75	0	0	5.66	0	0	0	0	0	0	4.71	4.71
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2965.79	3.25	0	80.44	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3070.28	3.25	0	80.74	0	0.82	0	0	6.06	0	0	0	0	0	0	3.45	3.45
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3132.52	3.25	0	80.92	0	0.84	0	0	6.15	0	0	0	0	0	0	3.17	3.17
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3209.15	3.25	0	81.13	0	0.86	0	0	6.27	0	0	0	0	0	0	2.83	2.83

	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3276.86	3.25	0	81.31	0	0.87	0	0	6.36	0	0	0	0	0	0	2.53	2.53
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3323.35	3.25	0	81.43	0	0.88	0	0	6.43	0	0	0	0	0	0	2.33	2.33
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3375.98	3.25	0	81.57	0	0.9	0	0	6.51	0	0	0	0	0	0	2.11	2.11
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3431.58	3.25	0	81.71	0	0.91	0	0	6.59	0	0	0	0	0	0	1.87	1.87
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3532.35	3.25	0	81.96	0	0.93	0	0	6.73	0	0	0	0	0	0	1.45	1.45
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3587.91	3.25	0	82.1	0	0.95	0	0	6.81	0	0	0	0	0	0	1.23	1.23
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3682.93	3.25	0	82.32	0	0.97	0	0	6.94	0	0	0	0	0	0	0.85	0.85
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3731.85	3.25	0	82.44	0	0.98	0	0	7	0	0	0	0	0	0	0.65	0.65
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3842.7	3.77	0	82.69	0	-0.1	0	0	7.15	0	0	0	0	0	0	-2.77	-2.77
imit. Value D/N:	0	0																								
Level D/N:	26.8165	26.8165																								

Receiver: Existing Noise Receptor
ID: R99
X: 338435
Y: 4680892
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3845.41	4.15	0	82.7	0	-0.36	0	0	7.16	0	0	0	0	0	0	21.68	21.68
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1696.43	3.25	0	75.59	0	0.04	0	0	12.79	0	0	0	0	0	0	11.89	11.89
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1735.1	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1770.83	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.33	11.33
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1853.86	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.72	10.72
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1911.11	3.25	0	76.63	0	0.1	0	0	13.27	0	0	0	0	0	0	10.31	10.31
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1966.77	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2042.12	3.25	0	77.2	0	0.14	0	0	13.55	0	0	0	0	0	0	9.42	9.42
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2090.04	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2162.09	3.25	0	77.7	0	0.17	0	0	13.8	0	0	0	0	0	0	8.64	8.64
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2211.16	3.25	0	77.89	0	0.19	0	0	13.9	0	0	0	0	0	0	8.34	8.34
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2245.91	3.25	0	78.03	0	0.2	0	0	13.96	0	0	0	0	0	0	8.12	8.12
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2311.54	3.25	0	78.28	0	0.21	0	0	14.09	0	0	0	0	0	0	7.73	7.73
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2375.51	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.35	7.35
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2430.65	3.25	0	78.71	0	0.24	0	0	14.33	0	0	0	0	0	0	7.03	7.03
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2434.29	3.25	0	78.73	0	0.24	0	0	14.33	0	0	0	0	0	0	7.01	7.01
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2565.26	3.25	0	79.18	0	0.27	0	0	14.58	0	0	0	0	0	0	6.28	6.28
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2709.15	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.5	5.5
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2820	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.93	4.93
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2983.35	3.25	0	80.49	0	0.36	0	0	15.34	0	0	0	0	0	0	4.12	4.12
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3096.01	3.25	0	80.82	0	0.38	0	0	15.54	0	0	0	0	0	0	3.57	3.57
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3157.55	3.25	0	80.99	0	0.39	0	0	15.65	0	0	0	0	0	0	3.29	3.29
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3227.33	3.25	0	81.18	0	0.4	0	0	15.77	0	0	0	0	0	0	2.96	2.96
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3293.8	3.25	0	81.35	0	0.42	0	0	15.88	0	0	0	0	0	0	2.66	2.66
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3351.59	3.25	0	81.51	0	0.43	0	0	15.98	0	0	0	0	0	0	2.4	2.4
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3402.25	3.25	0	81.64	0	0.43	0	0	16.07	0	0	0	0	0	0	2.18	2.18
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3456.54	3.25	0	81.77	0	0.44	0	0	16.16	0	0	0	0	0	0	1.94	1.94
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3551.57	3.25	0	82.01	0	0.46	0	0	16.32	0	0	0	0	0	0	1.53	1.53
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3605.35	3.25	0	82.14	0	0.47	0	0	16.41	0	0	0	0	0	0	1.3	1.3
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3710.93	3.25	0	82.39	0	0.48	0	0	16.58	0	0	0	0	0	0	0.86	0.86
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3758.65	3.25	0	82.5	0	0.49	0	0	16.66	0	0	0	0	0	0	0.66	0.66
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1701.25	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	11.15	11.15
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1738.22	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1775.29	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.63	10.63
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1857.95	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.07	10.07
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1915.03	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.69	9.69
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1971.09	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	9.33	9.33
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3872.16	3.5	0	82.76	0	3.55	0	0	2.77	0	0	0	0	0	0	7.55	7.55
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2046.19	3.25	0	77.22	0	0.56	0	0	4.44	0	0	0	0	0	0	8.86	8.86
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2093.82	3.25	0	77.42	0	0.57	0	0	4.53	0	0	0	0	0	0	8.56	8.56
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2165.55	3.25	0	77.71	0	0.59	0	0	4.64	0	0	0	0	0	0	8.13	8.13
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2206.27	3.25	0	77.87	0	0.6	0	0	4.71	0	0	0	0	0	0	7.89	7.89
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2249.74	3.25	0	78.04	0	0.61	0	0	4.78	0	0	0	0	0	0	7.64	7.64
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2307.29	3.25	0	78.26	0	0.63	0	0	4.88	0	0	0	0	0	0	7.31	7.31
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2371.54	3.25	0	78.5	0	0.64	0	0	4.98	0	0	0	0	0	0	6.95	6.95
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2434.5	3.25	0	78.73	0	0.66	0	0	5.08	0	0	0	0	0	0	6.61	6.61
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2438.75	3.25	0	78.74	0	0.66	0	0	5.09	0	0	0	0	0	0	6.58	6.58
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2569.28	3.25	0	79.2	0	0.69	0	0	5.3	0	0	0	0	0	0	5.89	5.89
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2713.24	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.15	5.15
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2823.56	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.61	4.61
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2987	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.83	3.83

	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3092.25	3.25	0	80.81	0	0.83	0	0	6.09	0	0	0	0	0	0	3.35	3.35
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3153.25	3.25	0	80.98	0	0.84	0	0	6.18	0	0	0	0	0	0	3.07	3.07
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3231.98	3.25	0	81.19	0	0.86	0	0	6.3	0	0	0	0	0	0	2.73	2.73
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3298.2	3.25	0	81.37	0	0.88	0	0	6.39	0	0	0	0	0	0	2.44	2.44
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3346.83	3.25	0	81.49	0	0.89	0	0	6.46	0	0	0	0	0	0	2.23	2.23
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3398.42	3.25	0	81.63	0	0.9	0	0	6.54	0	0	0	0	0	0	2.01	2.01
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3452.87	3.25	0	81.76	0	0.91	0	0	6.62	0	0	0	0	0	0	1.78	1.78
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3555.49	3.25	0	82.02	0	0.94	0	0	6.76	0	0	0	0	0	0	1.36	1.36
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3609.85	3.25	0	82.15	0	0.95	0	0	6.84	0	0	0	0	0	0	1.14	1.14
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3706.2	3.25	0	82.38	0	0.97	0	0	6.97	0	0	0	0	0	0	0.76	0.76
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3754.09	3.25	0	82.49	0	0.98	0	0	7.03	0	0	0	0	0	0	0.57	0.57
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3863.83	3.77	0	82.74	0	-0.09	0	0	7.18	0	0	0	0	0	0	-2.85	-2.85
imit. Value D/N:	0	0																								
Level D/N:	26.7	26.7																								

Receiver: Existing Noise Receptor
ID: R100
X: 338402
Y: 4680884
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3874.94	4.15	0	82.77	0	-0.35	0	0	7.2	0	0	0	0	0	0	21.57	21.57
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1727.76	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.65	11.65
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1762.02	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.39	11.39
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1800.76	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1882.28	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1941.99	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1996.14	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.73	9.73
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2073.66	3.25	0	77.33	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2120.29	3.25	0	77.53	0	0.16	0	0	13.71	0	0	0	0	0	0	8.91	8.91
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2190.78	3.25	0	77.81	0	0.18	0	0	13.85	0	0	0	0	0	0	8.46	8.46
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2242.73	3.25	0	78.02	0	0.19	0	0	13.96	0	0	0	0	0	0	8.14	8.14
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2276.38	3.25	0	78.14	0	0.2	0	0	14.03	0	0	0	0	0	0	7.94	7.94
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2340.65	3.25	0	78.39	0	0.22	0	0	14.15	0	0	0	0	0	0	7.55	7.55
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2406.62	3.25	0	78.63	0	0.24	0	0	14.28	0	0	0	0	0	0	7.17	7.17
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2457.99	3.25	0	78.81	0	0.25	0	0	14.38	0	0	0	0	0	0	6.87	6.87
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2464.21	3.25	0	78.83	0	0.25	0	0	14.39	0	0	0	0	0	0	6.84	6.84
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2593.37	3.25	0	79.28	0	0.28	0	0	14.63	0	0	0	0	0	0	6.12	6.12
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2737.57	3.25	0	79.75	0	0.31	0	0	14.9	0	0	0	0	0	0	5.35	5.35
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2849.16	3.25	0	80.09	0	0.33	0	0	15.1	0	0	0	0	0	0	4.78	4.78
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	3012.93	3.25	0	80.58	0	0.36	0	0	15.4	0	0	0	0	0	0	3.97	3.97
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3126.14	3.25	0	80.9	0	0.39	0	0	15.59	0	0	0	0	0	0	3.43	3.43
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3186.83	3.25	0	81.07	0	0.4	0	0	15.7	0	0	0	0	0	0	3.15	3.15
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3257.99	3.25	0	81.26	0	0.41	0	0	15.82	0	0	0	0	0	0	2.82	2.82
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3323.47	3.25	0	81.43	0	0.42	0	0	15.93	0	0	0	0	0	0	2.53	2.53
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3382.67	3.25	0	81.59	0	0.43	0	0	16.03	0	0	0	0	0	0	2.26	2.26
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3432.67	3.25	0	81.71	0	0.44	0	0	16.12	0	0	0	0	0	0	2.04	2.04
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3486.19	3.25	0	81.85	0	0.45	0	0	16.21	0	0	0	0	0	0	1.81	1.81
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3582.41	3.25	0	82.08	0	0.46	0	0	16.37	0	0	0	0	0	0	1.4	1.4
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3635.42	3.25	0	82.21	0	0.47	0	0	16.46	0	0	0	0	0	0	1.17	1.17
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3741.89	3.25	0	82.46	0	0.49	0	0	16.63	0	0	0	0	0	0	0.73	0.73
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3788.93	3.25	0	82.57	0	0.5	0	0	16.71	0	0	0	0	0	0	0.54	0.54
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1732.61	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	10.93	10.93
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1765.19	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.7	10.7
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1805.26	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.42	10.42
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1886.42	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	9.88	9.88
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1945.93	3.25	0	76.78	0	0.53	0	0	4.27	0	0	0	0	0	0	9.49	9.49
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2000.5	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3901.76	3.5	0	82.83	0	3.56	0	0	2.79	0	0	0	0	0	0	7.46	7.46
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2077.74	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.66	8.66
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2124.1	3.25	0	77.54	0	0.58	0	0	4.58	0	0	0	0	0	0	8.38	8.38
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2194.28	3.25	0	77.83	0	0.6	0	0	4.69	0	0	0	0	0	0	7.96	7.96
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2237.82	3.25	0	78	0	0.61	0	0	4.76	0	0	0	0	0	0	7.71	7.71
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2280.24	3.25	0	78.16	0	0.62	0	0	4.83	0	0	0	0	0	0	7.46	7.46
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2336.37	3.25	0	78.37	0	0.63	0	0	4.93	0	0	0	0	0	0	7.15	7.15
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2402.63	3.25	0	78.61	0	0.65	0	0	5.03	0	0	0	0	0	0	6.78	6.78
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2461.87	3.25	0	78.83	0	0.67	0	0	5.13	0	0	0	0	0	0	6.46	6.46
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2468.7	3.25	0	78.85	0	0.67	0	0	5.14	0	0	0	0	0	0	6.42	6.42
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2597.43	3.25	0	79.29	0	0.7	0	0	5.34	0	0	0	0	0	0	5.74	5.74

Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2741.7	3.25	0	79.76	0	0.74	0	0	5.57	0	0	0	0	0	0	5.01	5.01
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2852.74	3.25	0	80.11	0	0.77	0	0	5.74	0	0	0	0	0	0	4.47	4.47
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	3016.6	3.25	0	80.59	0	0.81	0	0	5.98	0	0	0	0	0	0	3.69	3.69
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3122.36	3.25	0	80.89	0	0.84	0	0	6.14	0	0	0	0	0	0	3.21	3.21
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3182.51	3.25	0	81.06	0	0.85	0	0	6.23	0	0	0	0	0	0	2.94	2.94
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3262.66	3.25	0	81.27	0	0.87	0	0	6.34	0	0	0	0	0	0	2.59	2.59
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3327.88	3.25	0	81.44	0	0.89	0	0	6.44	0	0	0	0	0	0	2.31	2.31
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3377.9	3.25	0	81.57	0	0.9	0	0	6.51	0	0	0	0	0	0	2.1	2.1
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3428.83	3.25	0	81.7	0	0.91	0	0	6.58	0	0	0	0	0	0	1.88	1.88
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3482.52	3.25	0	81.84	0	0.92	0	0	6.66	0	0	0	0	0	0	1.66	1.66
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3586.34	3.25	0	82.09	0	0.95	0	0	6.8	0	0	0	0	0	0	1.23	1.23
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3639.93	3.25	0	82.22	0	0.96	0	0	6.88	0	0	0	0	0	0	1.02	1.02
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3737.15	3.25	0	82.45	0	0.98	0	0	7.01	0	0	0	0	0	0	0.63	0.63
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3784.37	3.25	0	82.56	0	0.99	0	0	7.08	0	0	0	0	0	0	0.45	0.45
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3893.36	3.77	0	82.81	0	-0.09	0	0	7.22	0	0	0	0	0	0	-2.97	-2.97
imit. Value D/N:	0	0																							
Level D/N:	26.5398	26.5398																							

Receiver: Existing Noise Receptor
ID: R101
X: 338342
Y: 4680893
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3912.88	4.15	0	82.85	0	-0.34	0	0	7.25	0	0	0	0	0	0	21.42	21.42
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1771.45	3.25	0	75.97	0	0.06	0	0	12.96	0	0	0	0	0	0	11.32	11.32
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1793.71	3.25	0	76.08	0	0.07	0	0	13.01	0	0	0	0	0	0	11.15	11.15
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1840.3	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1917.68	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1984.21	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2034.03	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2117.9	3.25	0	77.52	0	0.16	0	0	13.71	0	0	0	0	0	0	8.93	8.93
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2160.61	3.25	0	77.69	0	0.17	0	0	13.79	0	0	0	0	0	0	8.65	8.65
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2226.79	3.25	0	77.95	0	0.19	0	0	13.93	0	0	0	0	0	0	8.24	8.24
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2287.06	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2317.32	3.25	0	78.3	0	0.21	0	0	14.11	0	0	0	0	0	0	7.69	7.69
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2377.7	3.25	0	78.52	0	0.23	0	0	14.22	0	0	0	0	0	0	7.34	7.34
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2449.44	3.25	0	78.78	0	0.25	0	0	14.36	0	0	0	0	0	0	6.92	6.92
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2490.39	3.25	0	78.93	0	0.25	0	0	14.44	0	0	0	0	0	0	6.69	6.69
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2503.49	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2627.73	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.94	5.94
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2772.7	3.25	0	79.86	0	0.32	0	0	14.96	0	0	0	0	0	0	5.17	5.17
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2886.24	3.25	0	80.21	0	0.34	0	0	15.17	0	0	0	0	0	0	4.6	4.6
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	3051.15	3.25	0	80.69	0	0.37	0	0	15.46	0	0	0	0	0	0	3.79	3.79
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3165.89	3.25	0	81.01	0	0.39	0	0	15.66	0	0	0	0	0	0	3.25	3.25
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3224.2	3.25	0	81.17	0	0.4	0	0	15.76	0	0	0	0	0	0	2.98	2.98
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3299.28	3.25	0	81.37	0	0.42	0	0	15.89	0	0	0	0	0	0	2.63	2.63
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3361.86	3.25	0	81.53	0	0.43	0	0	16	0	0	0	0	0	0	2.35	2.35
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3425.27	3.25	0	81.69	0	0.44	0	0	16.11	0	0	0	0	0	0	2.07	2.07
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3473.26	3.25	0	81.81	0	0.45	0	0	16.19	0	0	0	0	0	0	1.86	1.86
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3524.56	3.25	0	81.94	0	0.46	0	0	16.27	0	0	0	0	0	0	1.64	1.64
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3624.24	3.25	0	82.18	0	0.47	0	0	16.44	0	0	0	0	0	0	1.22	1.22
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3674.92	3.25	0	82.3	0	0.48	0	0	16.52	0	0	0	0	0	0	1.01	1.01
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3784.04	3.25	0	82.56	0	0.5	0	0	16.7	0	0	0	0	0	0	0.56	0.56
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3829.08	3.25	0	82.66	0	0.5	0	0	16.77	0	0	0	0	0	0	0.37	0.37
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1776.38	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.62	10.62
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1796.98	3.25	0	76.09	0	0.49	0	0	4.02	0	0	0	0	0	0	10.48	10.48
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1844.89	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1921.92	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	9.65	9.65
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1988.22	3.25	0	76.97	0	0.54	0	0	4.35	0	0	0	0	0	0	9.22	9.22
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2038.49	3.25	0	77.19	0	0.55	0	0	4.43	0	0	0	0	0	0	8.9	8.9
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3939.92	3.5	0	82.91	0	3.56	0	0	2.81	0	0	0	0	0	0	7.35	7.35
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2122.04	3.25	0	77.54	0	0.58	0	0	4.57	0	0	0	0	0	0	8.39	8.39
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2164.49	3.25	0	77.71	0	0.59	0	0	4.64	0	0	0	0	0	0	8.14	8.14
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2230.36	3.25	0	77.97	0	0.61	0	0	4.75	0	0	0	0	0	0	7.75	7.75
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2282.09	3.25	0	78.17	0	0.62	0	0	4.84	0	0	0	0	0	0	7.45	7.45
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2321.23	3.25	0	78.31	0	0.63	0	0	4.9	0	0	0	0	0	0	7.23	7.23
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2373.34	3.25	0	78.51	0	0.64	0	0	4.98	0	0	0	0	0	0	6.94	6.94
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2445.4	3.25	0	78.77	0	0.66	0	0	5.1	0	0	0	0	0	0	6.55	6.55

Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2494.36	3.25	0	78.94	0	0.67	0	0	5.18	0	0	0	0	0	0	6.28	6.28
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2508.05	3.25	0	78.99	0	0.68	0	0	5.2	0	0	0	0	0	0	6.21	6.21
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2631.86	3.25	0	79.41	0	0.71	0	0	5.4	0	0	0	0	0	0	5.56	5.56
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2776.91	3.25	0	79.87	0	0.75	0	0	5.62	0	0	0	0	0	0	4.84	4.84
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2889.88	3.25	0	80.22	0	0.78	0	0	5.79	0	0	0	0	0	0	4.29	4.29
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	3054.87	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.52	3.52
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3162.07	3.25	0	81	0	0.84	0	0	6.2	0	0	0	0	0	0	3.03	3.03
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3219.81	3.25	0	81.16	0	0.86	0	0	6.28	0	0	0	0	0	0	2.78	2.78
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3304	3.25	0	81.38	0	0.88	0	0	6.4	0	0	0	0	0	0	2.41	2.41
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3366.34	3.25	0	81.54	0	0.89	0	0	6.49	0	0	0	0	0	0	2.15	2.15
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3420.45	3.25	0	81.68	0	0.91	0	0	6.57	0	0	0	0	0	0	1.92	1.92
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3469.38	3.25	0	81.81	0	0.92	0	0	6.64	0	0	0	0	0	0	1.71	1.71
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3520.84	3.25	0	81.93	0	0.93	0	0	6.71	0	0	0	0	0	0	1.5	1.5
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3628.21	3.25	0	82.19	0	0.96	0	0	6.86	0	0	0	0	0	0	1.07	1.07
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3679.48	3.25	0	82.32	0	0.97	0	0	6.93	0	0	0	0	0	0	0.86	0.86
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3779.26	3.25	0	82.55	0	0.99	0	0	7.07	0	0	0	0	0	0	0.47	0.47
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3824.46	3.25	0	82.65	0	1	0	0	7.13	0	0	0	0	0	0	0.29	0.29
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3931.31	3.77	0	82.89	0	-0.08	0	0	7.27	0	0	0	0	0	0	-3.11	-3.11
imit. Value D/N:	0	0																							
Level D/N:	26.3337	26.3337																							

Receiver: Existing Noise Receptor
ID: R102
X: 338849
Y: 4681092
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3409.92	4.15	0	81.65	0	-0.45	0	0	6.55	0	0	0	0	0	0	23.42	23.42
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1247.68	3.25	0	72.92	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.86	15.86
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1335.67	3.25	0	73.51	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.99	14.99
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1335.86	3.25	0	73.52	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.99	14.99
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1435.3	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1465.96	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1536.74	3.25	0	74.73	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.18	13.18
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1590.96	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.73	12.73
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1650.39	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1738.53	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1759.47	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1803.69	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1882.96	3.25	0	76.5	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1927.38	3.25	0	76.7	0	0.11	0	0	13.31	0	0	0	0	0	0	10.2	10.2
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1997.03	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.72	9.72
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2021.18	3.25	0	77.11	0	0.14	0	0	13.51	0	0	0	0	0	0	9.56	9.56
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2146.5	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.74	8.74
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2286.55	3.25	0	78.18	0	0.21	0	0	14.05	0	0	0	0	0	0	7.88	7.88
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2389.48	3.25	0	78.57	0	0.23	0	0	14.25	0	0	0	0	0	0	7.27	7.27
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2548.35	3.25	0	79.13	0	0.27	0	0	14.55	0	0	0	0	0	0	6.37	6.37
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2655.69	3.25	0	79.48	0	0.29	0	0	14.75	0	0	0	0	0	0	5.79	5.79
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2725.16	3.25	0	79.71	0	0.31	0	0	14.88	0	0	0	0	0	0	5.42	5.42
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2782.21	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2857.58	3.25	0	80.12	0	0.33	0	0	15.12	0	0	0	0	0	0	4.74	4.74
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2902.83	3.25	0	80.26	0	0.34	0	0	15.2	0	0	0	0	0	0	4.51	4.51
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2958.95	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3020.16	3.25	0	80.6	0	0.37	0	0	15.41	0	0	0	0	0	0	3.94	3.94
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3104.64	3.25	0	80.84	0	0.38	0	0	15.56	0	0	0	0	0	0	3.53	3.53
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3165.11	3.25	0	81.01	0	0.39	0	0	15.66	0	0	0	0	0	0	3.25	3.25
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3263.02	3.25	0	81.27	0	0.41	0	0	15.83	0	0	0	0	0	0	2.8	2.8
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3316.28	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.56	2.56
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1252.25	3.25	0	72.95	0	0.34	0	0	3.02	0	0	0	0	0	0	14.76	14.76
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1338.36	3.25	0	73.53	0	0.37	0	0	3.18	0	0	0	0	0	0	14	14
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1339.72	3.25	0	73.54	0	0.37	0	0	3.19	0	0	0	0	0	0	13.98	13.98
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1438.85	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	13.15	13.15
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1469.66	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	12.9	12.9
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1540.65	3.25	0	74.75	0	0.42	0	0	3.56	0	0	0	0	0	0	12.34	12.34
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1594.88	3.25	0	75.05	0	0.43	0	0	3.66	0	0	0	0	0	0	11.93	11.93
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1653.93	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1741.65	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	10.86	10.86
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1754.74	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.77	10.77
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1807.32	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.41	10.41

	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3435.9	3.5	0	81.72	0	3.49	0	0	2.54	0	0	0	0	0	0	8.88	8.88
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1879.06	3.25	0	76.48	0	0.51	0	0	4.16	0	0	0	0	0	0	9.93	9.93
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1923.56	3.25	0	76.68	0	0.52	0	0	4.24	0	0	0	0	0	0	9.64	9.64
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2001.23	3.25	0	77.03	0	0.54	0	0	4.37	0	0	0	0	0	0	9.14	9.14
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2024.57	3.25	0	77.13	0	0.55	0	0	4.41	0	0	0	0	0	0	8.99	8.99
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2150.15	3.25	0	77.65	0	0.58	0	0	4.62	0	0	0	0	0	0	8.22	8.22
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2290.32	3.25	0	78.2	0	0.62	0	0	4.85	0	0	0	0	0	0	7.41	7.41
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2392.82	3.25	0	78.58	0	0.65	0	0	5.02	0	0	0	0	0	0	6.83	6.83
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2551.81	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.98	5.98
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2652.09	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2721.09	3.25	0	79.69	0	0.73	0	0	5.53	0	0	0	0	0	0	5.11	5.11
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2786.71	3.25	0	79.9	0	0.75	0	0	5.64	0	0	0	0	0	0	4.79	4.79
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2861.78	3.25	0	80.13	0	0.77	0	0	5.75	0	0	0	0	0	0	4.42	4.42
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2898.19	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.25	4.25
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2955.26	3.25	0	80.41	0	0.79	0	0	5.89	0	0	0	0	0	0	3.98	3.98
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3016.65	3.25	0	80.59	0	0.81	0	0	5.98	0	0	0	0	0	0	3.69	3.69
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3108.45	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.28	3.28
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3169.45	3.25	0	81.02	0	0.85	0	0	6.21	0	0	0	0	0	0	3	3
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3258.41	3.25	0	81.26	0	0.87	0	0	6.34	0	0	0	0	0	0	2.61	2.61
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3311.87	3.25	0	81.4	0	0.88	0	0	6.41	0	0	0	0	0	0	2.38	2.38
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3428.28	3.77	0	81.7	0	-0.2	0	0	6.58	0	0	0	0	0	0	-1.11	-1.11
imit. Value D/N:	0	0																								
Level D/N:	29.324	29.324																								

Receiver: Existing Noise Receptor
ID: R103
X: 338837
Y: 4681067
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3436.2	4.15	0	81.72	0	-0.45	0	0	6.59	0	0	0	0	0	0	23.31	23.31
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1273.09	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1362.24	3.25	0	73.69	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.74	14.74
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1363.52	3.25	0	73.69	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.73	14.73
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1462.56	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.83	13.83
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1491.71	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.57	13.57
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1563.54	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.96	12.96
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1615.94	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.53	12.53
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1676.58	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1765.58	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.36	11.36
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1784.33	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.22	11.22
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1829.64	3.25	0	76.25	0	0.08	0	0	13.09	0	0	0	0	0	0	10.89	10.89
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1909.76	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.32	10.32
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1952.7	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2023.33	3.25	0	77.12	0	0.14	0	0	13.51	0	0	0	0	0	0	9.54	9.54
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2048.6	3.25	0	77.23	0	0.14	0	0	13.56	0	0	0	0	0	0	9.38	9.38
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2173.65	3.25	0	77.74	0	0.18	0	0	13.82	0	0	0	0	0	0	8.57	8.57
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2313.56	3.25	0	78.29	0	0.21	0	0	14.1	0	0	0	0	0	0	7.72	7.72
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2416.13	3.25	0	78.66	0	0.24	0	0	14.3	0	0	0	0	0	0	7.11	7.11
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2574.73	3.25	0	79.21	0	0.27	0	0	14.6	0	0	0	0	0	0	6.22	6.22
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2681.69	3.25	0	79.57	0	0.3	0	0	14.8	0	0	0	0	0	0	5.65	5.65
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2751.68	3.25	0	79.79	0	0.31	0	0	14.93	0	0	0	0	0	0	5.28	5.28
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2807.77	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2883.85	3.25	0	80.2	0	0.34	0	0	15.17	0	0	0	0	0	0	4.61	4.61
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2927.98	3.25	0	80.33	0	0.35	0	0	15.24	0	0	0	0	0	0	4.39	4.39
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2984.68	3.25	0	80.5	0	0.36	0	0	15.35	0	0	0	0	0	0	4.11	4.11
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3046.41	3.25	0	80.68	0	0.37	0	0	15.45	0	0	0	0	0	0	3.81	3.81
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3129.98	3.25	0	80.91	0	0.39	0	0	15.6	0	0	0	0	0	0	3.41	3.41
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3191.07	3.25	0	81.08	0	0.4	0	0	15.71	0	0	0	0	0	0	3.13	3.13
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3288.25	3.25	0	81.34	0	0.42	0	0	15.87	0	0	0	0	0	0	2.68	2.68
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3342.06	3.25	0	81.48	0	0.42	0	0	15.96	0	0	0	0	0	0	2.44	2.44
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1277.62	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	14.53	14.53
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1366.01	3.25	0	73.71	0	0.37	0	0	3.23	0	0	0	0	0	0	13.76	13.76
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1366.27	3.25	0	73.71	0	0.37	0	0	3.24	0	0	0	0	0	0	13.76	13.76
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1466.1	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1495.38	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.7	12.7
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1567.43	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.14	12.14
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1619.84	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	11.74	11.74
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1680.1	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3

	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1768.68	3.25	0	75.95	0	0.48	0	0	3.97	0	0	0	0	0	0	10.68	10.68
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1779.62	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	10.6	10.6
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3462.14	3.5	0	81.79	0	3.49	0	0	2.55	0	0	0	0	0	0	8.8	8.8
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1833.25	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	10.23	10.23
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1905.88	3.25	0	76.6	0	0.52	0	0	4.21	0	0	0	0	0	0	9.75	9.75
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1948.9	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	9.47	9.47
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2027.5	3.25	0	77.14	0	0.55	0	0	4.41	0	0	0	0	0	0	8.97	8.97
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2051.98	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.82	8.82
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2177.29	3.25	0	77.76	0	0.59	0	0	4.66	0	0	0	0	0	0	8.06	8.06
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2317.31	3.25	0	78.3	0	0.63	0	0	4.89	0	0	0	0	0	0	7.25	7.25
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2419.45	3.25	0	78.67	0	0.66	0	0	5.06	0	0	0	0	0	0	6.69	6.69
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2578.17	3.25	0	79.23	0	0.7	0	0	5.31	0	0	0	0	0	0	5.84	5.84
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2678.1	3.25	0	79.56	0	0.72	0	0	5.47	0	0	0	0	0	0	5.33	5.33
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2747.62	3.25	0	79.78	0	0.74	0	0	5.58	0	0	0	0	0	0	4.98	4.98
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2812.26	3.25	0	79.98	0	0.76	0	0	5.67	0	0	0	0	0	0	4.66	4.66
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2888.04	3.25	0	80.21	0	0.78	0	0	5.79	0	0	0	0	0	0	4.3	4.3
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2923.36	3.25	0	80.32	0	0.79	0	0	5.84	0	0	0	0	0	0	4.13	4.13
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2980.99	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.86	3.86
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3042.91	3.25	0	80.67	0	0.82	0	0	6.02	0	0	0	0	0	0	3.57	3.57
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3133.79	3.25	0	80.92	0	0.84	0	0	6.16	0	0	0	0	0	0	3.16	3.16
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3195.4	3.25	0	81.09	0	0.85	0	0	6.25	0	0	0	0	0	0	2.89	2.89
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3283.65	3.25	0	81.33	0	0.87	0	0	6.37	0	0	0	0	0	0	2.5	2.5
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3337.67	3.25	0	81.47	0	0.89	0	0	6.45	0	0	0	0	0	0	2.27	2.27
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3454.56	3.77	0	81.77	0	-0.19	0	0	6.62	0	0	0	0	0	0	-1.22	-1.22
imit. Value D/N:	0	0																									
Level D/N:	29.1465	29.1465																									

Receiver: Existing Noise Receptor
ID: R104
X: 338817
Y: 4681073
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3445.88	4.15	0	81.75	0	-0.45	0	0	6.61	0	0	0	0	0	0	23.27	23.27
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1284.37	3.25	0	73.17	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.49	15.49
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1368.41	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.68	14.68
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1371.32	3.25	0	73.74	0	-0.08	0	0	12	0	0	0	0	0	0	14.66	14.66
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1469.6	3.25	0	74.34	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1502.42	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	13.48	13.48
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1572.04	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.89	12.89
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1627.85	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.43	12.43
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1686.48	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1773.38	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.31	11.31
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1796.4	3.25	0	76.09	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1839.99	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.82	10.82
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1918.24	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1964.1	3.25	0	76.86	0	0.12	0	0	13.39	0	0	0	0	0	0	9.94	9.94
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2033	3.25	0	77.16	0	0.14	0	0	13.53	0	0	0	0	0	0	9.48	9.48
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2054.98	3.25	0	77.26	0	0.14	0	0	13.58	0	0	0	0	0	0	9.33	9.33
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2181.07	3.25	0	77.77	0	0.18	0	0	13.83	0	0	0	0	0	0	8.52	8.52
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2321.46	3.25	0	78.32	0	0.21	0	0	14.11	0	0	0	0	0	0	7.67	7.67
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2425	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.06	7.06
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2584.22	3.25	0	79.25	0	0.28	0	0	14.62	0	0	0	0	0	0	6.17	6.17
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2691.94	3.25	0	79.6	0	0.3	0	0	14.82	0	0	0	0	0	0	5.59	5.59
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2760.86	3.25	0	79.82	0	0.31	0	0	14.94	0	0	0	0	0	0	5.23	5.23
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2818.78	3.25	0	80	0	0.33	0	0	15.05	0	0	0	0	0	0	4.94	4.94
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2893.56	3.25	0	80.23	0	0.34	0	0	15.18	0	0	0	0	0	0	4.56	4.56
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2939.64	3.25	0	80.37	0	0.35	0	0	15.27	0	0	0	0	0	0	4.33	4.33
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2995.42	3.25	0	80.53	0	0.36	0	0	15.36	0	0	0	0	0	0	4.06	4.06
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3056.16	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.76	3.76
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3141.34	3.25	0	80.94	0	0.39	0	0	15.62	0	0	0	0	0	0	3.36	3.36
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3201.38	3.25	0	81.11	0	0.4	0	0	15.72	0	0	0	0	0	0	3.08	3.08
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3299.79	3.25	0	81.37	0	0.42	0	0	15.89	0	0	0	0	0	0	2.63	2.63
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3352.7	3.25	0	81.51	0	0.43	0	0	15.98	0	0	0	0	0	0	2.39	2.39
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1288.96	3.25	0	73.2	0	0.35	0	0	3.09	0	0	0	0	0	0	14.43	14.43
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1370.96	3.25	0	73.74	0	0.38	0	0	3.24	0	0	0	0	0	0	13.72	13.72
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1375.41	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	13.68	13.68
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1473.2	3.25	0	74.37	0	0.4	0	0	3.43	0	0	0	0	0	0	12.87	12.87
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1506.14	3.25	0	74.56	0	0.41	0	0	3.5	0	0	0	0	0	0	12.61	12.61

	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1575.99	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.07	12.07
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1631.78	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	11.66	11.66
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1690.03	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	11.23	11.23
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1776.53	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.62	10.62
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1791.66	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	10.52	10.52
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3471.92	3.5	0	81.81	0	3.49	0	0	2.56	0	0	0	0	0	0	8.77	8.77
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1843.63	3.25	0	76.31	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1914.32	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.7	9.7
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1960.27	3.25	0	76.85	0	0.53	0	0	4.3	0	0	0	0	0	0	9.4	9.4
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2037.21	3.25	0	77.18	0	0.55	0	0	4.43	0	0	0	0	0	0	8.91	8.91
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2058.41	3.25	0	77.27	0	0.56	0	0	4.47	0	0	0	0	0	0	8.78	8.78
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2184.75	3.25	0	77.79	0	0.59	0	0	4.68	0	0	0	0	0	0	8.02	8.02
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2325.25	3.25	0	78.33	0	0.63	0	0	4.91	0	0	0	0	0	0	7.21	7.21
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2428.35	3.25	0	78.71	0	0.66	0	0	5.07	0	0	0	0	0	0	6.64	6.64
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2587.69	3.25	0	79.26	0	0.7	0	0	5.33	0	0	0	0	0	0	5.79	5.79
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2688.32	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.28	5.28
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2756.77	3.25	0	79.81	0	0.74	0	0	5.59	0	0	0	0	0	0	4.94	4.94
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2823.29	3.25	0	80.02	0	0.76	0	0	5.69	0	0	0	0	0	0	4.61	4.61
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2897.77	3.25	0	80.24	0	0.78	0	0	5.8	0	0	0	0	0	0	4.25	4.25
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2934.99	3.25	0	80.35	0	0.79	0	0	5.86	0	0	0	0	0	0	4.08	4.08
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2991.71	3.25	0	80.52	0	0.8	0	0	5.95	0	0	0	0	0	0	3.81	3.81
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3052.64	3.25	0	80.69	0	0.82	0	0	6.04	0	0	0	0	0	0	3.53	3.53
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3145.16	3.25	0	80.95	0	0.84	0	0	6.17	0	0	0	0	0	0	3.11	3.11
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3205.73	3.25	0	81.12	0	0.86	0	0	6.26	0	0	0	0	0	0	2.84	2.84
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3295.17	3.25	0	81.36	0	0.88	0	0	6.39	0	0	0	0	0	0	2.45	2.45
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3348.28	3.25	0	81.5	0	0.89	0	0	6.47	0	0	0	0	0	0	2.22	2.22
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3464.25	3.77	0	81.79	0	-0.19	0	0	6.63	0	0	0	0	0	0	-1.26	-1.26
imit. Value D/N:	0	0																									
Level D/N:	29.0845	29.0845																									

Receiver: Existing Noise Receptor
ID: R105
X: 338795
Y: 4681076
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3459.2	4.15	0	81.78	0	-0.44	0	0	6.62	0	0	0	0	0	0	23.22	23.22
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1299.34	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.35	15.35
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1377.2	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.6	14.6
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1384.21	3.25	0	73.82	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.54	14.54
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1480.5	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.67	13.67
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1516.84	3.25	0	74.62	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.35	13.35
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1584.35	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.79	12.79
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1643.36	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1700.1	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.86	11.86
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1784.98	3.25	0	76.03	0	0.06	0	0	13	0	0	0	0	0	0	11.22	11.22
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1812.04	3.25	0	76.16	0	0.07	0	0	13.06	0	0	0	0	0	0	11.02	11.02
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1854.02	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.72	10.72
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1930.48	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	10.18	10.18
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1979.09	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.84	9.84
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2046.37	3.25	0	77.22	0	0.14	0	0	13.56	0	0	0	0	0	0	9.39	9.39
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2065.16	3.25	0	77.3	0	0.15	0	0	13.6	0	0	0	0	0	0	9.27	9.27
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2192.26	3.25	0	77.82	0	0.18	0	0	13.86	0	0	0	0	0	0	8.45	8.45
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2333.1	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.6	7.6
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2437.59	3.25	0	78.74	0	0.24	0	0	14.34	0	0	0	0	0	0	6.99	6.99
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2597.38	3.25	0	79.29	0	0.28	0	0	14.64	0	0	0	0	0	0	6.1	6.1
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2705.82	3.25	0	79.65	0	0.3	0	0	14.84	0	0	0	0	0	0	5.52	5.52
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2773.72	3.25	0	79.86	0	0.32	0	0	14.97	0	0	0	0	0	0	5.17	5.17
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2833.38	3.25	0	80.05	0	0.33	0	0	15.07	0	0	0	0	0	0	4.86	4.86
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2906.92	3.25	0	80.27	0	0.34	0	0	15.21	0	0	0	0	0	0	4.49	4.49
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2954.83	3.25	0	80.41	0	0.35	0	0	15.29	0	0	0	0	0	0	4.26	4.26
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3009.76	3.25	0	80.57	0	0.36	0	0	15.39	0	0	0	0	0	0	3.99	3.99
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3069.55	3.25	0	80.74	0	0.38	0	0	15.49	0	0	0	0	0	0	3.7	3.7
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3156.24	3.25	0	80.98	0	0.39	0	0	15.65	0	0	0	0	0	0	3.29	3.29
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3215.3	3.25	0	81.14	0	0.4	0	0	15.75	0	0	0	0	0	0	3.02	3.02
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3314.86	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.56	2.56
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3366.93	3.25	0	81.54	0	0.43	0	0	16.01	0	0	0	0	0	0	2.33	2.33
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1303.98	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	14.3	14.3
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1379.82	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	13.64	13.64

Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1388.36	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1484.17	3.25	0	74.43	0	0.41	0	0	3.45	0	0	0	0	0	0	12.79	12.79
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1520.59	3.25	0	74.64	0	0.41	0	0	3.52	0	0	0	0	0	0	12.5	12.5
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1588.35	3.25	0	75.02	0	0.43	0	0	3.65	0	0	0	0	0	0	11.98	11.98
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1647.32	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.54	11.54
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1703.69	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.13	11.13
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1788.17	3.25	0	76.05	0	0.49	0	0	4	0	0	0	0	0	0	10.54	10.54
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1807.26	3.25	0	76.14	0	0.49	0	0	4.03	0	0	0	0	0	0	10.41	10.41
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3485.33	3.5	0	81.84	0	3.49	0	0	2.57	0	0	0	0	0	0	8.72	8.72
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1857.7	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.07	10.07
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1926.51	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	9.62	9.62
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1975.24	3.25	0	76.91	0	0.54	0	0	4.32	0	0	0	0	0	0	9.3	9.3
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2050.62	3.25	0	77.24	0	0.56	0	0	4.45	0	0	0	0	0	0	8.83	8.83
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2068.63	3.25	0	77.31	0	0.56	0	0	4.48	0	0	0	0	0	0	8.72	8.72
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2195.98	3.25	0	77.83	0	0.6	0	0	4.7	0	0	0	0	0	0	7.95	7.95
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2336.93	3.25	0	78.37	0	0.63	0	0	4.93	0	0	0	0	0	0	7.14	7.14
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2440.97	3.25	0	78.75	0	0.66	0	0	5.09	0	0	0	0	0	0	6.57	6.57
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2600.88	3.25	0	79.3	0	0.7	0	0	5.35	0	0	0	0	0	0	5.72	5.72
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2702.19	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.21	5.21
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2769.6	3.25	0	79.85	0	0.75	0	0	5.61	0	0	0	0	0	0	4.87	4.87
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2837.92	3.25	0	80.06	0	0.76	0	0	5.71	0	0	0	0	0	0	4.54	4.54
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2911.16	3.25	0	80.28	0	0.78	0	0	5.82	0	0	0	0	0	0	4.19	4.19
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2950.16	3.25	0	80.4	0	0.79	0	0	5.88	0	0	0	0	0	0	4	4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3006.03	3.25	0	80.56	0	0.81	0	0	5.97	0	0	0	0	0	0	3.74	3.74
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3066.02	3.25	0	80.73	0	0.82	0	0	6.06	0	0	0	0	0	0	3.47	3.47
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3160.08	3.25	0	80.99	0	0.84	0	0	6.19	0	0	0	0	0	0	3.04	3.04
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3219.68	3.25	0	81.16	0	0.86	0	0	6.28	0	0	0	0	0	0	2.78	2.78
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3310.22	3.25	0	81.4	0	0.88	0	0	6.41	0	0	0	0	0	0	2.39	2.39
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3362.49	3.25	0	81.53	0	0.89	0	0	6.49	0	0	0	0	0	0	2.16	2.16
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3477.57	3.77	0	81.83	0	-0.19	0	0	6.65	0	0	0	0	0	0	-1.31	-1.31
imit. Value D/N:	0	0																							
Level D/N:	28.9983	28.9983																							

Receiver: Existing Noise Receptor
ID: R106
X: 338779
Y: 4681076
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3470.48	4.15	0	81.81	0	-0.44	0	0	6.64	0	0	0	0	0	0	23.17	23.17
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1311.73	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1385.63	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1395.3	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.43	14.43
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1490.3	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.58	13.58
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1528.87	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1595.05	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.7	12.7
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1656.05	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	12.21	12.21
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1711.63	3.25	0	75.67	0	0.04	0	0	12.83	0	0	0	0	0	0	11.77	11.77
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1795.21	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1824.8	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1865.8	3.25	0	76.42	0	0.09	0	0	13.17	0	0	0	0	0	0	10.63	10.63
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1941.12	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1991.47	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2057.72	3.25	0	77.27	0	0.15	0	0	13.58	0	0	0	0	0	0	9.32	9.32
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2074.45	3.25	0	77.34	0	0.15	0	0	13.62	0	0	0	0	0	0	9.21	9.21
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2202.21	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.39	8.39
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2343.34	3.25	0	78.4	0	0.22	0	0	14.16	0	0	0	0	0	0	7.54	7.54
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2448.42	3.25	0	78.78	0	0.25	0	0	14.36	0	0	0	0	0	0	6.93	6.93
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2608.59	3.25	0	79.33	0	0.28	0	0	14.66	0	0	0	0	0	0	6.04	6.04
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2717.48	3.25	0	79.68	0	0.3	0	0	14.86	0	0	0	0	0	0	5.46	5.46
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2784.73	3.25	0	79.9	0	0.32	0	0	14.99	0	0	0	0	0	0	5.11	5.11
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2845.49	3.25	0	80.08	0	0.33	0	0	15.1	0	0	0	0	0	0	4.8	4.8
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2918.24	3.25	0	80.3	0	0.35	0	0	15.23	0	0	0	0	0	0	4.44	4.44
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2967.3	3.25	0	80.45	0	0.36	0	0	15.31	0	0	0	0	0	0	4.19	4.19
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3021.69	3.25	0	80.61	0	0.37	0	0	15.41	0	0	0	0	0	0	3.93	3.93
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3080.89	3.25	0	80.77	0	0.38	0	0	15.51	0	0	0	0	0	0	3.65	3.65
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3168.53	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.23	3.23
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3226.98	3.25	0	81.18	0	0.4	0	0	15.77	0	0	0	0	0	0	2.96	2.96
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3327.25	3.25	0	81.44	0	0.42	0	0	15.94	0	0	0	0	0	0	2.51	2.51

Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3378.8	3.25	0	81.58	0	0.43	0	0	16.03	0	0	0	0	0	0	2.28	2.28
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1316.4	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	14.19	14.19
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1388.3	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1399.48	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.48	13.48
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1494.01	3.25	0	74.49	0	0.41	0	0	3.47	0	0	0	0	0	0	12.71	12.71
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1532.64	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1599.08	3.25	0	75.08	0	0.44	0	0	3.66	0	0	0	0	0	0	11.9	11.9
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1660.03	3.25	0	75.4	0	0.45	0	0	3.77	0	0	0	0	0	0	11.45	11.45
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1715.24	3.25	0	75.69	0	0.47	0	0	3.87	0	0	0	0	0	0	11.05	11.05
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1798.43	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1820.01	3.25	0	76.2	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3496.68	3.5	0	81.87	0	3.5	0	0	2.57	0	0	0	0	0	0	8.69	8.69
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1869.49	3.25	0	76.43	0	0.51	0	0	4.14	0	0	0	0	0	0	9.99	9.99
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1937.12	3.25	0	76.74	0	0.53	0	0	4.26	0	0	0	0	0	0	9.55	9.55
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1987.59	3.25	0	76.97	0	0.54	0	0	4.35	0	0	0	0	0	0	9.22	9.22
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2061.99	3.25	0	77.29	0	0.56	0	0	4.47	0	0	0	0	0	0	8.76	8.76
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2077.95	3.25	0	77.35	0	0.56	0	0	4.5	0	0	0	0	0	0	8.66	8.66
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2205.96	3.25	0	77.87	0	0.6	0	0	4.71	0	0	0	0	0	0	7.89	7.89
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2347.19	3.25	0	78.41	0	0.64	0	0	4.94	0	0	0	0	0	0	7.09	7.09
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2451.82	3.25	0	78.79	0	0.66	0	0	5.11	0	0	0	0	0	0	6.51	6.51
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2612.1	3.25	0	79.34	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2713.83	3.25	0	79.67	0	0.73	0	0	5.52	0	0	0	0	0	0	5.15	5.15
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2780.59	3.25	0	79.88	0	0.75	0	0	5.63	0	0	0	0	0	0	4.82	4.82
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2850.03	3.25	0	80.1	0	0.77	0	0	5.73	0	0	0	0	0	0	4.48	4.48
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2922.5	3.25	0	80.32	0	0.79	0	0	5.84	0	0	0	0	0	0	4.13	4.13
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2962.62	3.25	0	80.43	0	0.8	0	0	5.9	0	0	0	0	0	0	3.95	3.95
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3017.96	3.25	0	80.59	0	0.81	0	0	5.98	0	0	0	0	0	0	3.69	3.69
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3077.35	3.25	0	80.76	0	0.82	0	0	6.07	0	0	0	0	0	0	3.42	3.42
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3172.38	3.25	0	81.03	0	0.85	0	0	6.21	0	0	0	0	0	0	2.99	2.99
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3231.36	3.25	0	81.19	0	0.86	0	0	6.3	0	0	0	0	0	0	2.73	2.73
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3322.6	3.25	0	81.43	0	0.88	0	0	6.43	0	0	0	0	0	0	2.33	2.33
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3374.34	3.25	0	81.56	0	0.9	0	0	6.5	0	0	0	0	0	0	2.11	2.11
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3488.87	3.77	0	81.85	0	-0.18	0	0	6.67	0	0	0	0	0	0	-1.36	-1.36
imit. Value D/N:	0	0																							
Level D/N:	28.9251	28.9251																							

Receiver: Existing Noise Receptor
ID: R107
X: 338754
Y: 4681076
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3488.19	4.15	0	81.85	0	-0.44	0	0	6.67	0	0	0	0	0	0	23.1	23.1
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1331.25	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.04	15.04
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1399.07	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1412.81	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.27	14.27
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1505.83	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.45	13.45
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1547.81	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.09	13.09
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1611.94	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1676	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1729.78	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1811.37	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.02	11.02
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1844.85	3.25	0	76.32	0	0.08	0	0	13.13	0	0	0	0	0	0	10.78	10.78
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1884.33	3.25	0	76.5	0	0.1	0	0	13.21	0	0	0	0	0	0	10.5	10.5
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1957.89	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2010.9	3.25	0	77.07	0	0.13	0	0	13.48	0	0	0	0	0	0	9.63	9.63
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2075.58	3.25	0	77.34	0	0.15	0	0	13.62	0	0	0	0	0	0	9.2	9.2
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2089.13	3.25	0	77.4	0	0.15	0	0	13.65	0	0	0	0	0	0	9.11	9.11
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2217.89	3.25	0	77.92	0	0.19	0	0	13.91	0	0	0	0	0	0	8.3	8.3
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2359.46	3.25	0	78.46	0	0.22	0	0	14.19	0	0	0	0	0	0	7.44	7.44
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2465.47	3.25	0	78.84	0	0.25	0	0	14.39	0	0	0	0	0	0	6.83	6.83
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2626.2	3.25	0	79.39	0	0.29	0	0	14.7	0	0	0	0	0	0	5.94	5.94
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2735.79	3.25	0	79.74	0	0.31	0	0	14.9	0	0	0	0	0	0	5.36	5.36
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2802.02	3.25	0	79.95	0	0.32	0	0	15.02	0	0	0	0	0	0	5.02	5.02
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2864.47	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2936.02	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.35	4.35
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2986.86	3.25	0	80.5	0	0.36	0	0	15.35	0	0	0	0	0	0	4.1	4.1
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3040.42	3.25	0	80.66	0	0.37	0	0	15.44	0	0	0	0	0	0	3.84	3.84
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3098.7	3.25	0	80.82	0	0.38	0	0	15.55	0	0	0	0	0	0	3.56	3.56

	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3187.8	3.25	0	81.07	0	0.4	0	0	15.7	0	0	0	0	0	0	3.14	3.14
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3245.29	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.88	2.88
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3346.67	3.25	0	81.49	0	0.43	0	0	15.97	0	0	0	0	0	0	2.42	2.42
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3397.4	3.25	0	81.62	0	0.43	0	0	16.06	0	0	0	0	0	0	2.2	2.2
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1335.96	3.25	0	73.52	0	0.37	0	0	3.18	0	0	0	0	0	0	14.02	14.02
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1401.8	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	13.46	13.46
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1417.04	3.25	0	74.03	0	0.39	0	0	3.33	0	0	0	0	0	0	13.33	13.33
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1509.6	3.25	0	74.58	0	0.41	0	0	3.5	0	0	0	0	0	0	12.59	12.59
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1551.62	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	12.26	12.26
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1616.02	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	11.77	11.77
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1680.01	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1733.43	3.25	0	75.78	0	0.47	0	0	3.9	0	0	0	0	0	0	10.92	10.92
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1814.63	3.25	0	76.18	0	0.49	0	0	4.05	0	0	0	0	0	0	10.36	10.36
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1840.03	3.25	0	76.3	0	0.5	0	0	4.09	0	0	0	0	0	0	10.19	10.19
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3514.49	3.5	0	81.92	0	3.5	0	0	2.58	0	0	0	0	0	0	8.63	8.63
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1888.05	3.25	0	76.52	0	0.51	0	0	4.17	0	0	0	0	0	0	9.87	9.87
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1953.85	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	9.44	9.44
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2007	3.25	0	77.05	0	0.55	0	0	4.38	0	0	0	0	0	0	9.1	9.1
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2079.89	3.25	0	77.36	0	0.56	0	0	4.5	0	0	0	0	0	0	8.65	8.65
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2092.68	3.25	0	77.41	0	0.57	0	0	4.52	0	0	0	0	0	0	8.57	8.57
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2221.68	3.25	0	77.93	0	0.6	0	0	4.74	0	0	0	0	0	0	7.8	7.8
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2363.35	3.25	0	78.47	0	0.64	0	0	4.97	0	0	0	0	0	0	7	7
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2468.9	3.25	0	78.85	0	0.67	0	0	5.14	0	0	0	0	0	0	6.42	6.42
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2629.73	3.25	0	79.4	0	0.71	0	0	5.39	0	0	0	0	0	0	5.58	5.58
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2732.12	3.25	0	79.73	0	0.74	0	0	5.55	0	0	0	0	0	0	5.06	5.06
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2797.86	3.25	0	79.94	0	0.75	0	0	5.65	0	0	0	0	0	0	4.73	4.73
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2869.05	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.39	4.39
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2940.3	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.05	4.05
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2982.16	3.25	0	80.49	0	0.8	0	0	5.93	0	0	0	0	0	0	3.85	3.85
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3036.67	3.25	0	80.65	0	0.81	0	0	6.01	0	0	0	0	0	0	3.6	3.6
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3095.13	3.25	0	80.81	0	0.83	0	0	6.1	0	0	0	0	0	0	3.34	3.34
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3191.66	3.25	0	81.08	0	0.85	0	0	6.24	0	0	0	0	0	0	2.9	2.9
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3249.7	3.25	0	81.24	0	0.87	0	0	6.32	0	0	0	0	0	0	2.65	2.65
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3342.01	3.25	0	81.48	0	0.89	0	0	6.46	0	0	0	0	0	0	2.25	2.25
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3392.93	3.25	0	81.61	0	0.9	0	0	6.53	0	0	0	0	0	0	2.03	2.03
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3506.58	3.77	0	81.9	0	-0.18	0	0	6.69	0	0	0	0	0	0	-1.43	-1.43
imit. Value D/N:	0	0																								
Level D/N:	28.8107	28.8107																								

Receiver: Existing Noise Receptor
ID: R108
X: 338733
Y: 4681065
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3510.85	4.15	0	81.91	0	-0.43	0	0	6.7	0	0	0	0	0	0	23	23
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1354.55	3.25	0	73.64	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.81	14.81
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1419.77	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1435.43	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.07	14.07
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1527.59	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.26	13.26
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1570.93	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1634.3	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1699.41	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1752.64	3.25	0	75.87	0	0.05	0	0	12.92	0	0	0	0	0	0	11.46	11.46
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1833.41	3.25	0	76.27	0	0.08	0	0	13.1	0	0	0	0	0	0	10.86	10.86
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1868.28	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1907.31	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1980.19	3.25	0	76.93	0	0.12	0	0	13.42	0	0	0	0	0	0	9.83	9.83
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2034.17	3.25	0	77.17	0	0.14	0	0	13.53	0	0	0	0	0	0	9.47	9.47
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2098.32	3.25	0	77.44	0	0.16	0	0	13.67	0	0	0	0	0	0	9.05	9.05
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2110.44	3.25	0	77.49	0	0.16	0	0	13.69	0	0	0	0	0	0	8.97	8.97
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2239.69	3.25	0	78	0	0.19	0	0	13.95	0	0	0	0	0	0	8.16	8.16
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2381.46	3.25	0	78.54	0	0.23	0	0	14.23	0	0	0	0	0	0	7.32	7.32
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2487.88	3.25	0	78.92	0	0.25	0	0	14.44	0	0	0	0	0	0	6.71	6.71
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2648.83	3.25	0	79.46	0	0.29	0	0	14.74	0	0	0	0	0	0	5.82	5.82
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2758.68	3.25	0	79.81	0	0.31	0	0	14.94	0	0	0	0	0	0	5.25	5.25
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2824.53	3.25	0	80.02	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2887.6	3.25	0	80.21	0	0.34	0	0	15.17	0	0	0	0	0	0	4.59	4.59
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2958.71	3.25	0	80.42	0	0.35	0	0	15.3	0	0	0	0	0	0	4.24	4.24

Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3010.15	3.25	0	80.57	0	0.36	0	0	15.39	0	0	0	0	0	0	3.99	3.99
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3063.46	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.73	3.73
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3121.4	3.25	0	80.89	0	0.38	0	0	15.59	0	0	0	0	0	0	3.45	3.45
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3211.01	3.25	0	81.13	0	0.4	0	0	15.74	0	0	0	0	0	0	3.04	3.04
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3268.18	3.25	0	81.29	0	0.41	0	0	15.84	0	0	0	0	0	0	2.78	2.78
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3369.93	3.25	0	81.55	0	0.43	0	0	16.01	0	0	0	0	0	0	2.32	2.32
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3420.4	3.25	0	81.68	0	0.44	0	0	16.1	0	0	0	0	0	0	2.1	2.1
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1359.27	3.25	0	73.67	0	0.37	0	0	3.22	0	0	0	0	0	0	13.82	13.82
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1422.53	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.29	13.29
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1439.69	3.25	0	74.17	0	0.39	0	0	3.37	0	0	0	0	0	0	13.15	13.15
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1531.38	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1574.75	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1638.41	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	11.61	11.61
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1703.42	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	11.13	11.13
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1756.3	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	10.76	10.76
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1836.68	3.25	0	76.28	0	0.5	0	0	4.09	0	0	0	0	0	0	10.21	10.21
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1863.45	3.25	0	76.41	0	0.51	0	0	4.13	0	0	0	0	0	0	10.03	10.03
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3537.19	3.5	0	81.97	0	3.5	0	0	2.59	0	0	0	0	0	0	8.56	8.56
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1911.04	3.25	0	76.63	0	0.52	0	0	4.21	0	0	0	0	0	0	9.72	9.72
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1976.13	3.25	0	76.92	0	0.54	0	0	4.33	0	0	0	0	0	0	9.3	9.3
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2030.26	3.25	0	77.15	0	0.55	0	0	4.42	0	0	0	0	0	0	8.96	8.96
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2102.64	3.25	0	77.46	0	0.57	0	0	4.54	0	0	0	0	0	0	8.51	8.51
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2114.02	3.25	0	77.5	0	0.57	0	0	4.56	0	0	0	0	0	0	8.44	8.44
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2243.5	3.25	0	78.02	0	0.61	0	0	4.77	0	0	0	0	0	0	7.68	7.68
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2385.37	3.25	0	78.55	0	0.65	0	0	5	0	0	0	0	0	0	6.87	6.87
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2491.32	3.25	0	78.93	0	0.67	0	0	5.17	0	0	0	0	0	0	6.3	6.3
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2652.37	3.25	0	79.47	0	0.72	0	0	5.43	0	0	0	0	0	0	5.46	5.46
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2755.01	3.25	0	79.8	0	0.74	0	0	5.59	0	0	0	0	0	0	4.95	4.95
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2820.35	3.25	0	80.01	0	0.76	0	0	5.69	0	0	0	0	0	0	4.62	4.62
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2892.18	3.25	0	80.22	0	0.78	0	0	5.8	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2963.01	3.25	0	80.43	0	0.8	0	0	5.9	0	0	0	0	0	0	3.94	3.94
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3005.44	3.25	0	80.56	0	0.81	0	0	5.97	0	0	0	0	0	0	3.75	3.75
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3059.7	3.25	0	80.71	0	0.82	0	0	6.05	0	0	0	0	0	0	3.5	3.5
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3117.83	3.25	0	80.88	0	0.83	0	0	6.13	0	0	0	0	0	0	3.23	3.23
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3214.88	3.25	0	81.14	0	0.86	0	0	6.27	0	0	0	0	0	0	2.8	2.8
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3272.6	3.25	0	81.3	0	0.87	0	0	6.36	0	0	0	0	0	0	2.55	2.55
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3365.26	3.25	0	81.54	0	0.89	0	0	6.49	0	0	0	0	0	0	2.15	2.15
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3415.92	3.25	0	81.67	0	0.91	0	0	6.56	0	0	0	0	0	0	1.94	1.94
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3529.25	3.77	0	81.95	0	-0.18	0	0	6.72	0	0	0	0	0	0	-1.53	-1.53

imit. Value D/N: 0 0

Level D/N: 28.6653 28.6653

Receiver: Existing Noise Receptor

ID: R109

X: 338707

Y: 4681040

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3546.92	4.15	0	82	0	-0.42	0	0	6.75	0	0	0	0	0	0	22.86	22.86
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1390.44	3.25	0	73.86	0	-0.08	0	0	12.05	0	0	0	0	0	0	14.48	14.48
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1454.98	3.25	0	74.26	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.89	13.89
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1471.5	3.25	0	74.36	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.75	13.75
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1563.4	3.25	0	74.88	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.96	12.96
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1606.93	3.25	0	75.12	0	0	0	0	12.58	0	0	0	0	0	0	12.6	12.6
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1670.32	3.25	0	75.46	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1735.2	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1788.7	3.25	0	76.05	0	0.07	0	0	13	0	0	0	0	0	0	11.19	11.19
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1869.32	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1904.05	3.25	0	76.59	0	0.1	0	0	13.26	0	0	0	0	0	0	10.36	10.36
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1943.36	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.09	10.09
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2016.19	3.25	0	77.09	0	0.13	0	0	13.5	0	0	0	0	0	0	9.59	9.59
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2070.09	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2134.39	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.82	8.82
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2146.01	3.25	0	77.63	0	0.17	0	0	13.76	0	0	0	0	0	0	8.75	8.75
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2275.52	3.25	0	78.14	0	0.2	0	0	14.02	0	0	0	0	0	0	7.94	7.94
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2417.37	3.25	0	78.67	0	0.24	0	0	14.3	0	0	0	0	0	0	7.11	7.11
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2523.91	3.25	0	79.04	0	0.26	0	0	14.5	0	0	0	0	0	0	6.5	6.5
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2684.89	3.25	0	79.58	0	0.3	0	0	14.8	0	0	0	0	0	0	5.63	5.63
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2794.74	3.25	0	79.93	0	0.32	0	0	15	0	0	0	0	0	0	5.06	5.06

Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2860.57	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.72	4.72
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2923.6	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.41	4.41
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2994.78	3.25	0	80.53	0	0.36	0	0	15.36	0	0	0	0	0	0	4.06	4.06
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3046.05	3.25	0	80.67	0	0.37	0	0	15.45	0	0	0	0	0	0	3.81	3.81
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3099.49	3.25	0	80.83	0	0.38	0	0	15.55	0	0	0	0	0	0	3.56	3.56
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3157.47	3.25	0	80.99	0	0.39	0	0	15.65	0	0	0	0	0	0	3.29	3.29
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3246.97	3.25	0	81.23	0	0.41	0	0	15.8	0	0	0	0	0	0	2.87	2.87
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3304.24	3.25	0	81.38	0	0.42	0	0	15.9	0	0	0	0	0	0	2.61	2.61
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3405.86	3.25	0	81.64	0	0.44	0	0	16.07	0	0	0	0	0	0	2.16	2.16
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3456.44	3.25	0	81.77	0	0.44	0	0	16.16	0	0	0	0	0	0	1.94	1.94
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1395.16	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1457.76	3.25	0	74.27	0	0.4	0	0	3.41	0	0	0	0	0	0	13	13
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1475.75	3.25	0	74.38	0	0.4	0	0	3.44	0	0	0	0	0	0	12.85	12.85
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1567.2	3.25	0	74.9	0	0.43	0	0	3.61	0	0	0	0	0	0	12.14	12.14
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1610.75	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1674.43	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.34	11.34
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1739.21	3.25	0	75.81	0	0.47	0	0	3.91	0	0	0	0	0	0	10.88	10.88
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1792.36	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	10.51	10.51
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1872.61	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	9.97	9.97
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3573.25	3.5	0	82.06	0	3.51	0	0	2.61	0	0	0	0	0	0	8.45	8.45
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1899.22	3.25	0	76.57	0	0.52	0	0	4.19	0	0	0	0	0	0	9.79	9.79
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1947.09	3.25	0	76.79	0	0.53	0	0	4.28	0	0	0	0	0	0	9.48	9.48
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2012.13	3.25	0	77.07	0	0.55	0	0	4.39	0	0	0	0	0	0	9.07	9.07
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2066.19	3.25	0	77.3	0	0.56	0	0	4.48	0	0	0	0	0	0	8.73	8.73
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2138.71	3.25	0	77.6	0	0.58	0	0	4.6	0	0	0	0	0	0	8.29	8.29
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2149.6	3.25	0	77.65	0	0.58	0	0	4.62	0	0	0	0	0	0	8.23	8.23
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2279.33	3.25	0	78.16	0	0.62	0	0	4.83	0	0	0	0	0	0	7.47	7.47
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2421.28	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.68	6.68
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2527.35	3.25	0	79.05	0	0.68	0	0	5.23	0	0	0	0	0	0	6.11	6.11
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2688.44	3.25	0	79.59	0	0.73	0	0	5.48	0	0	0	0	0	0	5.28	5.28
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2791.07	3.25	0	79.92	0	0.75	0	0	5.64	0	0	0	0	0	0	4.77	4.77
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2856.4	3.25	0	80.12	0	0.77	0	0	5.74	0	0	0	0	0	0	4.45	4.45
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2928.18	3.25	0	80.33	0	0.79	0	0	5.85	0	0	0	0	0	0	4.11	4.11
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2999.08	3.25	0	80.54	0	0.8	0	0	5.96	0	0	0	0	0	0	3.78	3.78
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3041.35	3.25	0	80.66	0	0.81	0	0	6.02	0	0	0	0	0	0	3.58	3.58
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3095.73	3.25	0	80.82	0	0.83	0	0	6.1	0	0	0	0	0	0	3.33	3.33
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3153.9	3.25	0	80.98	0	0.84	0	0	6.19	0	0	0	0	0	0	3.07	3.07
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3250.83	3.25	0	81.24	0	0.87	0	0	6.33	0	0	0	0	0	0	2.64	2.64
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3308.66	3.25	0	81.39	0	0.88	0	0	6.41	0	0	0	0	0	0	2.39	2.39
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3401.19	3.25	0	81.63	0	0.9	0	0	6.54	0	0	0	0	0	0	2	2
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3451.96	3.25	0	81.76	0	0.91	0	0	6.61	0	0	0	0	0	0	1.79	1.79
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3565.31	3.77	0	82.04	0	-0.17	0	0	6.77	0	0	0	0	0	0	-1.67	-1.67

imit. Value D/N: 0 0

Level D/N: 28.4374 28.4374

Receiver: Existing Noise Receptor

ID: R110

X: 338681

Y: 4681049

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3559.18	4.15	0	82.03	0	-0.42	0	0	6.77	0	0	0	0	0	0	22.81	22.81
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1405.46	3.25	0	73.96	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.34	14.34
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1462.18	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.83	13.83
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1483.78	3.25	0	74.43	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1573.11	3.25	0	74.94	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1621.1	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1681.74	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1750.77	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1801.76	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.1	11.1
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1879.74	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.53	10.53
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1919.74	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.25	10.25
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1956.89	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2027.36	3.25	0	77.14	0	0.14	0	0	13.52	0	0	0	0	0	0	9.52	9.52
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2084.87	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.14	9.14
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2146.99	3.25	0	77.64	0	0.17	0	0	13.77	0	0	0	0	0	0	8.74	8.74
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2154.49	3.25	0	77.67	0	0.17	0	0	13.78	0	0	0	0	0	0	8.69	8.69
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2285.23	3.25	0	78.18	0	0.21	0	0	14.04	0	0	0	0	0	0	7.89	7.89
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2427.63	3.25	0	78.7	0	0.24	0	0	14.32	0	0	0	0	0	0	7.05	7.05

Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2535.37	3.25	0	79.08	0	0.27	0	0	14.53	0	0	0	0	0	0	6.44	6.44
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2697.09	3.25	0	79.62	0	0.3	0	0	14.83	0	0	0	0	0	0	5.57	5.57
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2807.88	3.25	0	79.97	0	0.32	0	0	15.03	0	0	0	0	0	0	4.99	4.99
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2872.33	3.25	0	80.16	0	0.34	0	0	15.14	0	0	0	0	0	0	4.67	4.67
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2937.68	3.25	0	80.36	0	0.35	0	0	15.26	0	0	0	0	0	0	4.34	4.34
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3007.18	3.25	0	80.56	0	0.36	0	0	15.38	0	0	0	0	0	0	4	4
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3060.94	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3113.19	3.25	0	80.86	0	0.38	0	0	15.57	0	0	0	0	0	0	3.49	3.49
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3169.89	3.25	0	81.02	0	0.39	0	0	15.67	0	0	0	0	0	0	3.23	3.23
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3261.43	3.25	0	81.27	0	0.41	0	0	15.83	0	0	0	0	0	0	2.81	2.81
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3317.35	3.25	0	81.42	0	0.42	0	0	15.92	0	0	0	0	0	0	2.55	2.55
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3420.54	3.25	0	81.68	0	0.44	0	0	16.1	0	0	0	0	0	0	2.09	2.09
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3469.95	3.25	0	81.81	0	0.45	0	0	16.18	0	0	0	0	0	0	1.88	1.88
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1410.23	3.25	0	73.99	0	0.39	0	0	3.32	0	0	0	0	0	0	13.39	13.39
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1465.04	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.94	12.94
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1488.11	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	12.76	12.76
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1576.99	3.25	0	74.96	0	0.43	0	0	3.62	0	0	0	0	0	0	12.07	12.07
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1624.96	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.71	11.71
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1685.92	3.25	0	75.54	0	0.46	0	0	3.82	0	0	0	0	0	0	11.26	11.26
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1754.81	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.77	10.77
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1805.47	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.42	10.42
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1883.07	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	9.9	9.9
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3585.65	3.5	0	82.09	0	3.51	0	0	2.62	0	0	0	0	0	0	8.41	8.41
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1914.87	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	9.69	9.69
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1960.66	3.25	0	76.85	0	0.53	0	0	4.3	0	0	0	0	0	0	9.4	9.4
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2023.24	3.25	0	77.12	0	0.55	0	0	4.41	0	0	0	0	0	0	9	9
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2080.94	3.25	0	77.37	0	0.57	0	0	4.5	0	0	0	0	0	0	8.64	8.64
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2151.36	3.25	0	77.65	0	0.58	0	0	4.62	0	0	0	0	0	0	8.22	8.22
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2158.13	3.25	0	77.68	0	0.59	0	0	4.63	0	0	0	0	0	0	8.18	8.18
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2289.1	3.25	0	78.19	0	0.62	0	0	4.85	0	0	0	0	0	0	7.41	7.41
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2431.59	3.25	0	78.72	0	0.66	0	0	5.08	0	0	0	0	0	0	6.62	6.62
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2538.85	3.25	0	79.09	0	0.69	0	0	5.25	0	0	0	0	0	0	6.05	6.05
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2700.66	3.25	0	79.63	0	0.73	0	0	5.5	0	0	0	0	0	0	5.22	5.22
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2804.17	3.25	0	79.96	0	0.76	0	0	5.66	0	0	0	0	0	0	4.7	4.7
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2868.12	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.39	4.39
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2942.29	3.25	0	80.37	0	0.79	0	0	5.87	0	0	0	0	0	0	4.04	4.04
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3011.5	3.25	0	80.58	0	0.81	0	0	5.97	0	0	0	0	0	0	3.72	3.72
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3056.21	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.51	3.51
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3109.41	3.25	0	80.85	0	0.83	0	0	6.12	0	0	0	0	0	0	3.27	3.27
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3166.29	3.25	0	81.01	0	0.85	0	0	6.2	0	0	0	0	0	0	3.02	3.02
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3265.32	3.25	0	81.28	0	0.87	0	0	6.35	0	0	0	0	0	0	2.58	2.58
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3321.8	3.25	0	81.43	0	0.88	0	0	6.43	0	0	0	0	0	0	2.34	2.34
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3415.84	3.25	0	81.67	0	0.91	0	0	6.56	0	0	0	0	0	0	1.94	1.94
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3465.44	3.25	0	81.8	0	0.92	0	0	6.63	0	0	0	0	0	0	1.73	1.73
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3577.59	3.77	0	82.07	0	-0.16	0	0	6.79	0	0	0	0	0	0	-1.72	-1.72

imit. Value D/N: 0 0

Level D/N: 28.3609 28.3609

Receiver: Existing Noise Receptor
ID: R111
X: 338659
Y: 4681038
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3582.63	4.15	0	82.08	0	-0.42	0	0	6.8	0	0	0	0	0	0	22.71	22.71
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1429.62	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1483.81	3.25	0	74.43	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.64	13.64
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1507.28	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.44	13.44
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1595.74	3.25	0	75.06	0	0	0	0	12.56	0	0	0	0	0	0	12.69	12.69
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1645.08	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.3	12.3
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1704.96	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1775.03	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.29	11.29
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1825.46	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.92	10.92
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1902.61	3.25	0	76.59	0	0.1	0	0	13.25	0	0	0	0	0	0	10.37	10.37
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1944.02	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.08	10.08
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1980.71	3.25	0	76.94	0	0.12	0	0	13.42	0	0	0	0	0	0	9.83	9.83
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2050.48	3.25	0	77.24	0	0.14	0	0	13.57	0	0	0	0	0	0	9.36	9.36
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2108.98	3.25	0	77.48	0	0.16	0	0	13.69	0	0	0	0	0	0	8.98	8.98
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2170.56	3.25	0	77.73	0	0.18	0	0	13.81	0	0	0	0	0	0	8.59	8.59

Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2176.61	3.25	0	77.76	0	0.18	0	0	13.83	0	0	0	0	0	0	8.55	8.55
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2307.84	3.25	0	78.26	0	0.21	0	0	14.09	0	0	0	0	0	0	7.75	7.75
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2450.43	3.25	0	78.78	0	0.25	0	0	14.36	0	0	0	0	0	0	6.92	6.92
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2558.58	3.25	0	79.16	0	0.27	0	0	14.57	0	0	0	0	0	0	6.31	6.31
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2720.52	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.44	5.44
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2831.58	3.25	0	80.04	0	0.33	0	0	15.07	0	0	0	0	0	0	4.87	4.87
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2895.62	3.25	0	80.23	0	0.34	0	0	15.19	0	0	0	0	0	0	4.55	4.55
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2961.62	3.25	0	80.43	0	0.35	0	0	15.3	0	0	0	0	0	0	4.22	4.22
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3030.67	3.25	0	80.63	0	0.37	0	0	15.43	0	0	0	0	0	0	3.89	3.89
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3085.05	3.25	0	80.79	0	0.38	0	0	15.52	0	0	0	0	0	0	3.63	3.63
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3137.04	3.25	0	80.93	0	0.39	0	0	15.61	0	0	0	0	0	0	3.38	3.38
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3193.39	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.12	3.12
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3285.46	3.25	0	81.33	0	0.41	0	0	15.87	0	0	0	0	0	0	2.7	2.7
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3341.04	3.25	0	81.48	0	0.42	0	0	15.96	0	0	0	0	0	0	2.45	2.45
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3444.61	3.25	0	81.74	0	0.44	0	0	16.14	0	0	0	0	0	0	1.99	1.99
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3493.74	3.25	0	81.87	0	0.45	0	0	16.22	0	0	0	0	0	0	1.78	1.78
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1434.41	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	13.19	13.19
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1486.7	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	12.77	12.77
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1511.63	3.25	0	74.59	0	0.41	0	0	3.51	0	0	0	0	0	0	12.57	12.57
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1599.65	3.25	0	75.08	0	0.44	0	0	3.67	0	0	0	0	0	0	11.89	11.89
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1648.96	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.53	11.53
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1709.16	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1779.08	3.25	0	76	0	0.48	0	0	3.99	0	0	0	0	0	0	10.6	10.6
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1829.18	3.25	0	76.25	0	0.5	0	0	4.07	0	0	0	0	0	0	10.26	10.26
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3609.13	3.5	0	82.15	0	3.51	0	0	2.63	0	0	0	0	0	0	8.34	8.34
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1905.96	3.25	0	76.6	0	0.52	0	0	4.21	0	0	0	0	0	0	9.75	9.75
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1939.15	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	9.53	9.53
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1984.49	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.24	9.24
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2046.35	3.25	0	77.22	0	0.56	0	0	4.45	0	0	0	0	0	0	8.86	8.86
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2105.04	3.25	0	77.47	0	0.57	0	0	4.54	0	0	0	0	0	0	8.5	8.5
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2174.94	3.25	0	77.75	0	0.59	0	0	4.66	0	0	0	0	0	0	8.08	8.08
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2180.28	3.25	0	77.77	0	0.59	0	0	4.67	0	0	0	0	0	0	8.05	8.05
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2311.73	3.25	0	78.28	0	0.63	0	0	4.89	0	0	0	0	0	0	7.29	7.29
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2454.41	3.25	0	78.8	0	0.66	0	0	5.12	0	0	0	0	0	0	6.5	6.5
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2562.06	3.25	0	79.17	0	0.69	0	0	5.29	0	0	0	0	0	0	5.93	5.93
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2724.11	3.25	0	79.7	0	0.73	0	0	5.54	0	0	0	0	0	0	5.1	5.1
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2827.87	3.25	0	80.03	0	0.76	0	0	5.7	0	0	0	0	0	0	4.59	4.59
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2891.4	3.25	0	80.22	0	0.78	0	0	5.79	0	0	0	0	0	0	4.28	4.28
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2966.24	3.25	0	80.44	0	0.8	0	0	5.91	0	0	0	0	0	0	3.93	3.93
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3035	3.25	0	80.64	0	0.81	0	0	6.01	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3080.32	3.25	0	80.77	0	0.82	0	0	6.08	0	0	0	0	0	0	3.4	3.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3133.25	3.25	0	80.92	0	0.84	0	0	6.16	0	0	0	0	0	0	3.16	3.16
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3189.77	3.25	0	81.08	0	0.85	0	0	6.24	0	0	0	0	0	0	2.91	2.91
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3289.35	3.25	0	81.34	0	0.88	0	0	6.38	0	0	0	0	0	0	2.48	2.48
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3345.5	3.25	0	81.49	0	0.89	0	0	6.46	0	0	0	0	0	0	2.24	2.24
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3439.91	3.25	0	81.73	0	0.91	0	0	6.6	0	0	0	0	0	0	1.84	1.84
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3489.23	3.25	0	81.85	0	0.92	0	0	6.67	0	0	0	0	0	0	1.63	1.63
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3601.03	3.77	0	82.13	0	-0.16	0	0	6.82	0	0	0	0	0	0	-1.82	-1.82

imit. Value D/N: 0 0

Level D/N: 28.2159 28.2159

Receiver: Existing Noise Receptor
ID: R112
X: 338624
Y: 4681033
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3611.29	4.15	0	82.15	0	-0.41	0	0	6.84	0	0	0	0	0	0	22.6	22.6
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1460.63	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1508.3	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.43	13.43
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1536.2	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1622.47	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1675.43	3.25	0	75.48	0	0.03	0	0	12.75	0	0	0	0	0	0	12.06	12.06
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1733.12	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1806.38	3.25	0	76.14	0	0.07	0	0	13.04	0	0	0	0	0	0	11.06	11.06
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1854.92	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1929.88	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	10.18	10.18
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1975.43	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.87	9.87
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2010.53	3.25	0	77.07	0	0.13	0	0	13.48	0	0	0	0	0	0	9.63	9.63

Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2078.37	3.25	0	77.35	0	0.15	0	0	13.63	0	0	0	0	0	0	9.18	9.18
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2139.72	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2199.61	3.25	0	77.85	0	0.18	0	0	13.87	0	0	0	0	0	0	8.41	8.41
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2202.09	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.39	8.39
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2334.43	3.25	0	78.36	0	0.22	0	0	14.14	0	0	0	0	0	0	7.59	7.59
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2477.48	3.25	0	78.88	0	0.25	0	0	14.42	0	0	0	0	0	0	6.76	6.76
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2586.64	3.25	0	79.25	0	0.28	0	0	14.62	0	0	0	0	0	0	6.16	6.16
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2749.18	3.25	0	79.78	0	0.31	0	0	14.92	0	0	0	0	0	0	5.29	5.29
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2861	3.25	0	80.13	0	0.33	0	0	15.12	0	0	0	0	0	0	4.72	4.72
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2923.91	3.25	0	80.32	0	0.35	0	0	15.24	0	0	0	0	0	0	4.41	4.41
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2991.78	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3059.47	3.25	0	80.71	0	0.37	0	0	15.48	0	0	0	0	0	0	3.75	3.75
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3115.81	3.25	0	80.87	0	0.38	0	0	15.58	0	0	0	0	0	0	3.48	3.48
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3166.89	3.25	0	81.01	0	0.39	0	0	15.66	0	0	0	0	0	0	3.24	3.24
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3222.2	3.25	0	81.16	0	0.4	0	0	15.76	0	0	0	0	0	0	2.99	2.99
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3315.89	3.25	0	81.41	0	0.42	0	0	15.92	0	0	0	0	0	0	2.56	2.56
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3370.41	3.25	0	81.55	0	0.43	0	0	16.01	0	0	0	0	0	0	2.32	2.32
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3475.19	3.25	0	81.82	0	0.45	0	0	16.19	0	0	0	0	0	0	1.86	1.86
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3523.43	3.25	0	81.94	0	0.45	0	0	16.27	0	0	0	0	0	0	1.65	1.65
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1465.46	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.94	12.94
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1511.26	3.25	0	74.59	0	0.41	0	0	3.5	0	0	0	0	0	0	12.57	12.57
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1540.6	3.25	0	74.75	0	0.42	0	0	3.56	0	0	0	0	0	0	12.34	12.34
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1626.45	3.25	0	75.22	0	0.44	0	0	3.71	0	0	0	0	0	0	11.69	11.69
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1679.34	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.31	11.31
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1737.37	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	10.89	10.89
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1810.45	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1858.68	3.25	0	76.38	0	0.51	0	0	4.12	0	0	0	0	0	0	10.06	10.06
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3637.9	3.5	0	82.22	0	3.52	0	0	2.65	0	0	0	0	0	0	8.25	8.25
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1933.27	3.25	0	76.73	0	0.53	0	0	4.25	0	0	0	0	0	0	9.57	9.57
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1970.53	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	9.33	9.33
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2014.34	3.25	0	77.08	0	0.55	0	0	4.39	0	0	0	0	0	0	9.06	9.06
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2074.19	3.25	0	77.34	0	0.56	0	0	4.49	0	0	0	0	0	0	8.68	8.68
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2135.76	3.25	0	77.59	0	0.58	0	0	4.6	0	0	0	0	0	0	8.31	8.31
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2204.03	3.25	0	77.86	0	0.6	0	0	4.71	0	0	0	0	0	0	7.91	7.91
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2205.82	3.25	0	77.87	0	0.6	0	0	4.71	0	0	0	0	0	0	7.9	7.9
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2338.36	3.25	0	78.38	0	0.63	0	0	4.93	0	0	0	0	0	0	7.14	7.14
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2481.5	3.25	0	78.89	0	0.67	0	0	5.16	0	0	0	0	0	0	6.35	6.35
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2590.16	3.25	0	79.27	0	0.7	0	0	5.33	0	0	0	0	0	0	5.78	5.78
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2752.8	3.25	0	79.8	0	0.74	0	0	5.58	0	0	0	0	0	0	4.96	4.96
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2857.26	3.25	0	80.12	0	0.77	0	0	5.74	0	0	0	0	0	0	4.45	4.45
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2919.65	3.25	0	80.31	0	0.78	0	0	5.84	0	0	0	0	0	0	4.15	4.15
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2996.41	3.25	0	80.53	0	0.8	0	0	5.95	0	0	0	0	0	0	3.79	3.79
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3063.84	3.25	0	80.73	0	0.82	0	0	6.05	0	0	0	0	0	0	3.48	3.48
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3111.05	3.25	0	80.86	0	0.83	0	0	6.12	0	0	0	0	0	0	3.26	3.26
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3163.08	3.25	0	81	0	0.85	0	0	6.2	0	0	0	0	0	0	3.03	3.03
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3218.57	3.25	0	81.15	0	0.86	0	0	6.28	0	0	0	0	0	0	2.78	2.78
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3319.8	3.25	0	81.42	0	0.88	0	0	6.43	0	0	0	0	0	0	2.35	2.35
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3374.89	3.25	0	81.57	0	0.9	0	0	6.5	0	0	0	0	0	0	2.11	2.11
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3470.47	3.25	0	81.81	0	0.92	0	0	6.64	0	0	0	0	0	0	1.71	1.71
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3518.89	3.25	0	81.93	0	0.93	0	0	6.71	0	0	0	0	0	0	1.51	1.51
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3629.71	3.77	0	82.2	0	-0.15	0	0	6.86	0	0	0	0	0	0	-1.93	-1.93
imit. Value D/N:	0	0																								
Level D/N:	28.0403	28.0403																								

Receiver: Vacant Lot Noise Receptor
ID: VLR1
X: 342181
Y: 4681909
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1880.59	4.15	0	76.49	0	-0.75	0	0	4.16	0	0	0	0	0	0	31.28	31.28
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1491.27	3.25	0	74.47	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.57	13.57
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1511.13	3.25	0	74.59	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.4	13.4
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1533.65	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.21	13.21
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1612.79	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1639.93	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1685.93	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1722.45	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.69	11.69
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1749.09	3.25	0	75.86	0	0.05	0	0	12.91	0	0	0	0	0	0	11.49	11.49

Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1805.19	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1810.39	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.03	11.03
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1875.81	3.25	0	76.46	0	0.09	0	0	13.2	0	0	0	0	0	0	10.56	10.56
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1896.89	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.41	10.41
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1907.19	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1960.72	3.25	0	76.85	0	0.12	0	0	13.38	0	0	0	0	0	0	9.97	9.97
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1988.32	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	9.78	9.78
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2032.64	3.25	0	77.16	0	0.14	0	0	13.53	0	0	0	0	0	0	9.48	9.48
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2069.33	3.25	0	77.32	0	0.15	0	0	13.61	0	0	0	0	0	0	9.24	9.24
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2092	3.25	0	77.41	0	0.16	0	0	13.65	0	0	0	0	0	0	9.09	9.09
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2128.78	3.25	0	77.56	0	0.16	0	0	13.73	0	0	0	0	0	0	8.86	8.86
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2193.11	3.25	0	77.82	0	0.18	0	0	13.86	0	0	0	0	0	0	8.45	8.45
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2194.36	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.44	8.44
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2213.9	3.25	0	77.9	0	0.19	0	0	13.9	0	0	0	0	0	0	8.32	8.32
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	2255.49	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.07	8.07
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2313.62	3.25	0	78.29	0	0.21	0	0	14.1	0	0	0	0	0	0	7.71	7.71
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2351.76	3.25	0	78.43	0	0.22	0	0	14.17	0	0	0	0	0	0	7.49	7.49
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2356.98	3.25	0	78.45	0	0.22	0	0	14.18	0	0	0	0	0	0	7.46	7.46
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	2383.01	3.25	0	78.54	0	0.23	0	0	14.23	0	0	0	0	0	0	7.31	7.31
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2436.87	3.25	0	78.74	0	0.24	0	0	14.34	0	0	0	0	0	0	7	7
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2507.3	3.25	0	78.98	0	0.26	0	0	14.47	0	0	0	0	0	0	6.6	6.6
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2687.72	3.25	0	79.59	0	0.3	0	0	14.81	0	0	0	0	0	0	5.62	5.62
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1868.99	3.5	0	76.43	0	3.19	0	0	1.64	0	0	0	0	0	0	15.37	15.37
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1495.65	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.7	12.7
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1514.4	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	12.55	12.55
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1530.51	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	12.42	12.42
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1608.16	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	11.83	11.83
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1643.42	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	11.57	11.57
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1689.11	3.25	0	75.55	0	0.46	0	0	3.83	0	0	0	0	0	0	11.24	11.24
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1718.82	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	11.03	11.03
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1753.14	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	10.78	10.78
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1805.98	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.42	10.42
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1808.55	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1871.63	3.25	0	76.44	0	0.51	0	0	4.15	0	0	0	0	0	0	9.98	9.98
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1901.58	3.25	0	76.58	0	0.52	0	0	4.2	0	0	0	0	0	0	9.78	9.78
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1912.06	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	9.71	9.71
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1966.67	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	9.36	9.36
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1983.95	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	9.25	9.25
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2026.92	3.25	0	77.14	0	0.55	0	0	4.41	0	0	0	0	0	0	8.98	8.98
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2064.43	3.25	0	77.3	0	0.56	0	0	4.48	0	0	0	0	0	0	8.74	8.74
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2087.02	3.25	0	77.39	0	0.57	0	0	4.51	0	0	0	0	0	0	8.61	8.61
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2123.43	3.25	0	77.54	0	0.58	0	0	4.57	0	0	0	0	0	0	8.38	8.38
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2188.17	3.25	0	77.8	0	0.59	0	0	4.68	0	0	0	0	0	0	8	8
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2200.12	3.25	0	77.85	0	0.6	0	0	4.7	0	0	0	0	0	0	7.93	7.93
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2208.4	3.25	0	77.88	0	0.6	0	0	4.72	0	0	0	0	0	0	7.88	7.88
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	2250.51	3.25	0	78.05	0	0.61	0	0	4.78	0	0	0	0	0	0	7.64	7.64
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2308.76	3.25	0	78.27	0	0.63	0	0	4.88	0	0	0	0	0	0	7.3	7.3
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2346.17	3.25	0	78.41	0	0.64	0	0	4.94	0	0	0	0	0	0	7.09	7.09
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2351.05	3.25	0	78.43	0	0.64	0	0	4.95	0	0	0	0	0	0	7.07	7.07
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	2377.01	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.92	6.92
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2430.88	3.25	0	78.72	0	0.66	0	0	5.08	0	0	0	0	0	0	6.63	6.63
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2501.35	3.25	0	78.96	0	0.68	0	0	5.19	0	0	0	0	0	0	6.25	6.25
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2682.76	3.25	0	79.57	0	0.72	0	0	5.47	0	0	0	0	0	0	5.31	5.31
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1883.96	3.77	0	76.5	0	-0.55	0	0	4.17	0	0	0	0	0	0	6.86	6.86

imit. Value D/N: 0 0

Level D/N: 32.9622 32.9622

Receiver: Vacant Lot Noise Receptor
ID: VLR2
X: 341697
Y: 4681683
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	1906.82	4.15	0	76.61	0	-0.75	0	0	4.21	0	0	0	0	0	0	31.11	31.11
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1385.61	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1463.95	3.25	0	74.31	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.81	13.81
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1497.36	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1521.75	3.25	0	74.65	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.31	13.31
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1531.76	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.23	13.23

Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1538.77	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.17	13.17
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1548.68	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.08	13.08
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1560.4	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.99	12.99
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1649.49	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.26	12.26
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1657.28	3.25	0	75.39	0	0.02	0	0	12.7	0	0	0	0	0	0	12.2	12.2
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1673.26	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.07	12.07
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1678.7	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1681.13	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1691.4	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.93	11.93
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1705.76	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.82	11.82
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1724.17	3.25	0	75.73	0	0.04	0	0	12.86	0	0	0	0	0	0	11.68	11.68
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1727.46	3.25	0	75.75	0	0.05	0	0	12.87	0	0	0	0	0	0	11.65	11.65
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1729.49	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.64	11.64
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1776.95	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1809.1	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	11.04	11.04
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1827.03	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1848.11	3.25	0	76.33	0	0.08	0	0	13.14	0	0	0	0	0	0	10.76	10.76
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1903.93	3.25	0	76.59	0	0.1	0	0	13.26	0	0	0	0	0	0	10.36	10.36
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1911.59	3.25	0	76.63	0	0.1	0	0	13.27	0	0	0	0	0	0	10.31	10.31
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1925.25	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.21	10.21
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1934.44	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1986.67	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2019.74	3.25	0	77.11	0	0.13	0	0	13.5	0	0	0	0	0	0	9.57	9.57
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2078.82	3.25	0	77.36	0	0.15	0	0	13.63	0	0	0	0	0	0	9.18	9.18
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2254.47	3.25	0	78.06	0	0.2	0	0	13.98	0	0	0	0	0	0	8.07	8.07
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	1904.12	3.5	0	76.59	0	3.2	0	0	1.66	0	0	0	0	0	0	15.18	15.18
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1388.23	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.57	13.57
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1460.84	3.25	0	74.29	0	0.4	0	0	3.41	0	0	0	0	0	0	12.97	12.97
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1495.76	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.69	12.69
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1526.27	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	12.46	12.46
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1533.09	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.4	12.4
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1544.46	3.25	0	74.78	0	0.42	0	0	3.57	0	0	0	0	0	0	12.31	12.31
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1550.82	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	12.27	12.27
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1563.4	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	12.17	12.17
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1644.64	3.25	0	75.32	0	0.45	0	0	3.75	0	0	0	0	0	0	11.56	11.56
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1654	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	11.49	11.49
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1668.65	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	11.39	11.39
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1673.51	3.25	0	75.47	0	0.46	0	0	3.8	0	0	0	0	0	0	11.35	11.35
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1678.11	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	11.32	11.32
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1689.42	3.25	0	75.55	0	0.46	0	0	3.83	0	0	0	0	0	0	11.24	11.24
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1707.21	3.25	0	75.65	0	0.46	0	0	3.86	0	0	0	0	0	0	11.11	11.11
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1725.86	3.25	0	75.74	0	0.47	0	0	3.89	0	0	0	0	0	0	10.98	10.98
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1726.29	3.25	0	75.74	0	0.47	0	0	3.89	0	0	0	0	0	0	10.97	10.97
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1730.93	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	10.94	10.94
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1772.22	3.25	0	75.97	0	0.48	0	0	3.97	0	0	0	0	0	0	10.65	10.65
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1804.22	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	10.43	10.43
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1832.37	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	10.24	10.24
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1843.52	3.25	0	76.31	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1899.06	3.25	0	76.57	0	0.52	0	0	4.19	0	0	0	0	0	0	9.8	9.8
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1905.63	3.25	0	76.6	0	0.52	0	0	4.21	0	0	0	0	0	0	9.75	9.75
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1920.67	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	9.65	9.65
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1928.71	3.25	0	76.71	0	0.52	0	0	4.24	0	0	0	0	0	0	9.6	9.6
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1980.79	3.25	0	76.94	0	0.54	0	0	4.33	0	0	0	0	0	0	9.27	9.27
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2014.67	3.25	0	77.08	0	0.55	0	0	4.39	0	0	0	0	0	0	9.05	9.05
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2073.05	3.25	0	77.33	0	0.56	0	0	4.49	0	0	0	0	0	0	8.69	8.69
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2249.63	3.25	0	78.04	0	0.61	0	0	4.78	0	0	0	0	0	0	7.64	7.64
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	1915.1	3.77	0	76.64	0	-0.54	0	0	4.22	0	0	0	0	0	0	6.66	6.66

imit. Value D/N: 0 0

Level D/N: 33.3846 33.3846

Receiver: Vacant Lot Noise Receptor

ID: VLR3

X: 341032

Y: 4681537

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2004.9	4.15	0	77.04	0	-0.73	0	0	4.37	0	0	0	0	0	0	30.49	30.49
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1016.69	3.25	0	71.14	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.44	18.44
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1068.13	3.25	0	71.57	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.82	17.82

Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1082.11	3.25	0	71.69	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.66	17.66
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1184.98	3.25	0	72.47	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.52	16.52
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1226.73	3.25	0	72.77	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.08	16.08
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1246.41	3.25	0	72.91	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.88	15.88
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1262.04	3.25	0	73.02	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.72	15.72
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1286.85	3.25	0	73.19	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.47	15.47
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1374.04	3.25	0	73.76	0	-0.08	0	0	12	0	0	0	0	0	0	14.63	14.63
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1384.55	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.53	14.53
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1391.48	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.47	14.47
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1395.43	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.43	14.43
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1399.37	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1421.68	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1430.81	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.11	14.11
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1459.35	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1460.48	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1513.47	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1531.63	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.23	13.23
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1536.31	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1547.01	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1574.79	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1591.24	3.25	0	75.03	0	0	0	0	12.55	0	0	0	0	0	0	12.73	12.73
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1607.57	3.25	0	75.12	0	0.01	0	0	12.59	0	0	0	0	0	0	12.6	12.6
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1608.11	3.25	0	75.13	0	0.01	0	0	12.59	0	0	0	0	0	0	12.59	12.59
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1672.28	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.08	12.08
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1676.21	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1709.24	3.25	0	75.66	0	0.04	0	0	12.82	0	0	0	0	0	0	11.79	11.79
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1745.16	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1820.1	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.96	10.96
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1021.39	3.25	0	71.18	0	0.28	0	0	2.56	0	0	0	0	0	0	17.04	17.04
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2013.3	3.5	0	77.08	0	3.22	0	0	1.73	0	0	0	0	0	0	14.6	14.6
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1071.46	3.25	0	71.6	0	0.3	0	0	2.66	0	0	0	0	0	0	16.52	16.52
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1077.78	3.25	0	71.65	0	0.3	0	0	2.68	0	0	0	0	0	0	16.45	16.45
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1181.29	3.25	0	72.45	0	0.33	0	0	2.88	0	0	0	0	0	0	15.42	15.42
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1222.24	3.25	0	72.74	0	0.34	0	0	2.96	0	0	0	0	0	0	15.04	15.04
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1242.34	3.25	0	72.88	0	0.34	0	0	3	0	0	0	0	0	0	14.85	14.85
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1258.3	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	14.7	14.7
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1281.1	3.25	0	73.15	0	0.35	0	0	3.07	0	0	0	0	0	0	14.5	14.5
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1378.23	3.25	0	73.79	0	0.38	0	0	3.26	0	0	0	0	0	0	13.65	13.65
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1379.43	3.25	0	73.79	0	0.38	0	0	3.26	0	0	0	0	0	0	13.64	13.64
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1385.95	3.25	0	73.83	0	0.38	0	0	3.27	0	0	0	0	0	0	13.59	13.59
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1395.17	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1398.97	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	13.48	13.48
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1422.64	3.25	0	74.06	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1426.97	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	13.25	13.25
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1457.91	3.25	0	74.27	0	0.4	0	0	3.41	0	0	0	0	0	0	13	13
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1458.47	3.25	0	74.28	0	0.4	0	0	3.41	0	0	0	0	0	0	12.99	12.99
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1508.18	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	12.6	12.6
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1528.71	3.25	0	74.69	0	0.42	0	0	3.54	0	0	0	0	0	0	12.44	12.44
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1532.88	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.4	12.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1547	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	12.29	12.29
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1575.38	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.08	12.08
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1592.5	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	11.95	11.95
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1604.23	3.25	0	75.11	0	0.44	0	0	3.67	0	0	0	0	0	0	11.86	11.86
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1606.89	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	11.84	11.84
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1671.12	3.25	0	75.46	0	0.46	0	0	3.79	0	0	0	0	0	0	11.37	11.37
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1671.68	3.25	0	75.46	0	0.46	0	0	3.79	0	0	0	0	0	0	11.36	11.36
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1709.44	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	11.09	11.09
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1745.53	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	10.84	10.84
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1819.26	3.25	0	76.2	0	0.49	0	0	4.06	0	0	0	0	0	0	10.33	10.33
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2018.27	3.77	0	77.1	0	-0.52	0	0	4.4	0	0	0	0	0	0	6	6

imit. Value D/N: 0 0

Level D/N: 34.311 34.311

Receiver: Vacant Lot Noise Receptor

ID: VLR4

X: 340804

Y: 4681503

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN

SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2073.44	4.15	0	77.33	0	-0.72	0	0	4.49	0	0	0	0	0	0	30.07	30.07
Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	876.31	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.29	20.29
Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	913.35	3.25	0	70.21	0	-0.29	0	0	10.61	0	0	0	0	0	0	19.78	19.78
Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	961.54	3.25	0	70.66	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.14	19.14
Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1045.62	3.25	0	71.39	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.09	18.09
Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1054.58	3.25	0	71.46	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.98	17.98
Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1082.24	3.25	0	71.69	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.66	17.66
Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1092.01	3.25	0	71.76	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.55	17.55
Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1163.22	3.25	0	72.31	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.75	16.75
Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1200.64	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1216.61	3.25	0	72.7	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.18	16.18
Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1253.5	3.25	0	72.96	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.8	15.8
Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1288.79	3.25	0	73.2	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.45	15.45
Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1335.46	3.25	0	73.51	0	-0.1	0	0	11.9	0	0	0	0	0	0	15	15
Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1417.02	3.25	0	74.03	0	-0.06	0	0	12.11	0	0	0	0	0	0	14.23	14.23
Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1430.59	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.11	14.11
Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1435.99	3.25	0	74.14	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.06	14.06
Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1444.09	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	13.99	13.99
Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1448.53	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.95	13.95
Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1457.35	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.87	13.87
Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1465.72	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1489.81	3.25	0	74.46	0	-0.04	0	0	12.3	0	0	0	0	0	0	13.59	13.59
Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1498.93	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1593.47	3.25	0	75.05	0	0	0	0	12.55	0	0	0	0	0	0	12.71	12.71
Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1598.08	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.67	12.67
Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1631.6	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.4	12.4
Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1650.26	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1749.61	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1763.61	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1806.95	3.25	0	76.14	0	0.07	0	0	13.04	0	0	0	0	0	0	11.06	11.06
Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	1898.73	3.25	0	76.57	0	0.1	0	0	13.25	0	0	0	0	0	0	10.4	10.4
Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	880.2	3.25	0	69.89	0	0.25	0	0	2.27	0	0	0	0	0	0	18.66	18.66
Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	909.47	3.25	0	70.18	0	0.26	0	0	2.33	0	0	0	0	0	0	18.31	18.31
Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	964.05	3.25	0	70.68	0	0.27	0	0	2.45	0	0	0	0	0	0	17.68	17.68
Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1041.45	3.25	0	71.35	0	0.29	0	0	2.6	0	0	0	0	0	0	16.83	16.83
Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1051.51	3.25	0	71.44	0	0.29	0	0	2.62	0	0	0	0	0	0	16.72	16.72
Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1076.66	3.25	0	71.64	0	0.3	0	0	2.67	0	0	0	0	0	0	16.46	16.46
Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1088.41	3.25	0	71.74	0	0.3	0	0	2.7	0	0	0	0	0	0	16.34	16.34
DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2085.15	3.5	0	77.38	0	3.24	0	0	1.77	0	0	0	0	0	0	14.24	14.24
Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1160.34	3.25	0	72.29	0	0.32	0	0	2.84	0	0	0	0	0	0	15.62	15.62
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1195.38	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	15.29	15.29
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1211.91	3.25	0	72.67	0	0.33	0	0	2.94	0	0	0	0	0	0	15.13	15.13
Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1257.01	3.25	0	72.99	0	0.35	0	0	3.03	0	0	0	0	0	0	14.72	14.72
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1285.42	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	14.46	14.46
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1330.49	3.25	0	73.48	0	0.36	0	0	3.17	0	0	0	0	0	0	14.06	14.06
Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1415.75	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	13.34	13.34
Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1430.74	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	13.22	13.22
Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1436.55	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	13.17	13.17
Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1443.43	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	13.11	13.11
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1445.84	3.25	0	74.2	0	0.4	0	0	3.38	0	0	0	0	0	0	13.09	13.09
Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1456.16	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.01	13.01
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1463.6	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	12.95	12.95
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1485.49	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	12.78	12.78
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1495.68	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.7	12.7
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1593.87	3.25	0	75.05	0	0.43	0	0	3.66	0	0	0	0	0	0	11.94	11.94
Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1597.36	3.25	0	75.07	0	0.44	0	0	3.66	0	0	0	0	0	0	11.91	11.91
Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1631.77	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	11.66	11.66
Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1651.51	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	11.51	11.51
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1749.15	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	10.81	10.81
Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1761.73	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	10.72	10.72
Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1808.07	3.25	0	76.14	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	1897.2	3.25	0	76.56	0	0.52	0	0	4.19	0	0	0	0	0	0	9.81	9.81
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2088.1	3.77	0	77.4	0	-0.51	0	0	4.52	0	0	0	0	0	0	5.57	5.57
imit. Value D/N:	0	0																							
Level D/N:	34.7833	34.7833																							

Receiver: Vacant Lot Noise Receptor
ID: VLR5
X: 340892
Y: 4681323
Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2234.86	4.15	0	77.99	0	-0.69	0	0	4.76	0	0	0	0	0	0	29.12	29.12
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1071.69	3.25	0	71.6	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.78	17.78
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1098.49	3.25	0	71.82	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1161.49	3.25	0	72.3	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.77	16.77
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1222.56	3.25	0	72.75	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.12	16.12
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1237.77	3.25	0	72.85	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.96	15.96
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1251.34	3.25	0	72.95	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1281.98	3.25	0	73.16	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.52	15.52
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1363.38	3.25	0	73.69	0	-0.09	0	0	11.98	0	0	0	0	0	0	14.73	14.73
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1369.01	3.25	0	73.73	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.68	14.68
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1400	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.39	14.39
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1451.46	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.92	13.92
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1481.97	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.66	13.66
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1512.4	3.25	0	74.59	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.39	13.39
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1610.58	3.25	0	75.14	0	0.01	0	0	12.59	0	0	0	0	0	0	12.57	12.57
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1614	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1615.16	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1620.77	3.25	0	75.19	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1635.5	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.37	12.37
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1648.88	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.27	12.27
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1659.96	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1665.35	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.13	12.13
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1698.02	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1766.96	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.35	11.35
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1780.49	3.25	0	76.01	0	0.06	0	0	12.99	0	0	0	0	0	0	11.25	11.25
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1807.28	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1811.54	3.25	0	76.16	0	0.07	0	0	13.05	0	0	0	0	0	0	11.02	11.02
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1911.91	3.25	0	76.63	0	0.1	0	0	13.27	0	0	0	0	0	0	10.3	10.3
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	1923.46	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1971.29	3.25	0	76.89	0	0.12	0	0	13.4	0	0	0	0	0	0	9.89	9.89
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2054.53	3.25	0	77.25	0	0.14	0	0	13.58	0	0	0	0	0	0	9.34	9.34
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1075.36	3.25	0	71.63	0	0.3	0	0	2.67	0	0	0	0	0	0	16.48	16.48
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1094.87	3.25	0	71.79	0	0.3	0	0	2.71	0	0	0	0	0	0	16.28	16.28
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1163.95	3.25	0	72.32	0	0.32	0	0	2.85	0	0	0	0	0	0	15.59	15.59
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2244.87	3.5	0	78.02	0	3.27	0	0	1.87	0	0	0	0	0	0	13.47	13.47
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1218.64	3.25	0	72.72	0	0.34	0	0	2.95	0	0	0	0	0	0	15.07	15.07
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1232.47	3.25	0	72.82	0	0.34	0	0	2.98	0	0	0	0	0	0	14.94	14.94
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1248.4	3.25	0	72.93	0	0.34	0	0	3.01	0	0	0	0	0	0	14.8	14.8
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1278.57	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	14.52	14.52
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1360.54	3.25	0	73.67	0	0.37	0	0	3.22	0	0	0	0	0	0	13.81	13.81
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1364.01	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	13.78	13.78
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1395.54	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	13.51	13.51
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1454.85	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	13.02	13.02
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1478.74	3.25	0	74.4	0	0.4	0	0	3.44	0	0	0	0	0	0	12.83	12.83
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1507.67	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	12.6	12.6
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1610.75	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	11.81	11.81
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1612.62	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	11.8	11.8
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1615.57	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	11.78	11.78
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1620.02	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	11.74	11.74
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1634.64	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	11.63	11.63
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1646.2	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	11.55	11.55
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1655.81	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	11.48	11.48
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1663.16	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	11.43	11.43
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1694.83	3.25	0	75.58	0	0.46	0	0	3.84	0	0	0	0	0	0	11.2	11.2
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1766.56	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	10.69	10.69
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1781.15	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	10.59	10.59
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1808.18	3.25	0	76.14	0	0.49	0	0	4.04	0	0	0	0	0	0	10.4	10.4
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1811.4	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	10.38	10.38
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1910.46	3.25	0	76.62	0	0.52	0	0	4.21	0	0	0	0	0	0	9.72	9.72
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	1923.28	3.25	0	76.68	0	0.52	0	0	4.24	0	0	0	0	0	0	9.64	9.64
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1972.04	3.25	0	76.9	0	0.54	0	0	4.32	0	0	0	0	0	0	9.32	9.32
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2053.38	3.25	0	77.25	0	0.56	0	0	4.46	0	0	0	0	0	0	8.81	8.81
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2248.88	3.77	0	78.04	0	-0.47	0	0	4.78	0	0	0	0	0	0	4.63	4.63
imit. Value D/N:	0	0																									
Level D/N:	33.3146	33.3146																									

Receiver: Vacant Lot Noise Receptor
ID: VLR6

X: 339633
Y: 4681238
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	684.2	3.25	0	67.7	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.37	23.37
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2795.72	4.15	0	79.93	0	-0.58	0	0	5.65	0	0	0	0	0	0	26.18	26.18
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	848.11	3.25	0	69.57	0	-0.32	0	0	10.37	0	0	0	0	0	0	20.7	20.7
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	893.52	3.25	0	70.02	0	-0.3	0	0	10.54	0	0	0	0	0	0	20.05	20.05
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	960.91	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.14	19.14
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1014.02	3.25	0	71.12	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.47	18.47
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1018.86	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.41	18.41
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1042.83	3.25	0	71.36	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.12	18.12
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1090.48	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.56	17.56
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1112.83	3.25	0	71.93	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.31	17.31
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1215.3	3.25	0	72.69	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.2	16.2
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1250.28	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.84	15.84
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1295.43	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.38	15.38
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1357.62	3.25	0	73.66	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.78	14.78
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1421.54	3.25	0	74.06	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.19	14.19
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	1564.06	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.96	12.96
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	1643.44	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	1759.47	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1824.2	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1957.28	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	685.67	3.25	0	67.72	0	0.21	0	0	1.85	0	0	0	0	0	0	21.29	21.29
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2037.14	3.25	0	77.18	0	0.14	0	0	13.54	0	0	0	0	0	0	9.45	9.45
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2137.34	3.25	0	77.6	0	0.17	0	0	13.75	0	0	0	0	0	0	8.8	8.8
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2139.48	3.25	0	77.61	0	0.17	0	0	13.75	0	0	0	0	0	0	8.79	8.79
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2236.9	3.25	0	77.99	0	0.19	0	0	13.95	0	0	0	0	0	0	8.18	8.18
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2251.9	3.25	0	78.05	0	0.2	0	0	13.98	0	0	0	0	0	0	8.09	8.09
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2319.25	3.25	0	78.31	0	0.21	0	0	14.11	0	0	0	0	0	0	7.68	7.68
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2409.9	3.25	0	78.64	0	0.24	0	0	14.29	0	0	0	0	0	0	7.15	7.15
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2444.72	3.25	0	78.76	0	0.24	0	0	14.35	0	0	0	0	0	0	6.95	6.95
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	848.96	3.25	0	69.58	0	0.24	0	0	2.21	0	0	0	0	0	0	19.05	19.05
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2535.29	3.25	0	79.08	0	0.27	0	0	14.52	0	0	0	0	0	0	6.44	6.44
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	895.2	3.25	0	70.04	0	0.25	0	0	2.3	0	0	0	0	0	0	18.48	18.48
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2595.92	3.25	0	79.29	0	0.28	0	0	14.64	0	0	0	0	0	0	6.11	6.11
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2674.55	3.25	0	79.55	0	0.3	0	0	14.78	0	0	0	0	0	0	5.69	5.69
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	963.32	3.25	0	70.68	0	0.27	0	0	2.44	0	0	0	0	0	0	17.69	17.69
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1014.42	3.25	0	71.12	0	0.28	0	0	2.55	0	0	0	0	0	0	17.12	17.12
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1018.29	3.25	0	71.16	0	0.28	0	0	2.56	0	0	0	0	0	0	17.08	17.08
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1044.1	3.25	0	71.37	0	0.29	0	0	2.61	0	0	0	0	0	0	16.8	16.8
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1092.24	3.25	0	71.77	0	0.3	0	0	2.71	0	0	0	0	0	0	16.3	16.3
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1109.58	3.25	0	71.9	0	0.31	0	0	2.74	0	0	0	0	0	0	16.13	16.13
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1217.46	3.25	0	72.71	0	0.34	0	0	2.95	0	0	0	0	0	0	15.08	15.08
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1251.49	3.25	0	72.95	0	0.34	0	0	3.02	0	0	0	0	0	0	14.77	14.77
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1292.78	3.25	0	73.23	0	0.35	0	0	3.1	0	0	0	0	0	0	14.4	14.4
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1355.69	3.25	0	73.64	0	0.37	0	0	3.22	0	0	0	0	0	0	13.85	13.85
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1424.12	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.27	13.27
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2818.21	3.5	0	80	0	3.38	0	0	2.2	0	0	0	0	0	0	11.05	11.05
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	1565.43	3.25	0	74.89	0	0.43	0	0	3.6	0	0	0	0	0	0	12.15	12.15
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	1645.35	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	11.56	11.56
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	1761.69	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	10.72	10.72
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1826.42	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.28	10.28
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1959.78	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	9.4	9.4
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2034.37	3.25	0	77.17	0	0.55	0	0	4.42	0	0	0	0	0	0	8.93	8.93
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2136.5	3.25	0	77.59	0	0.58	0	0	4.6	0	0	0	0	0	0	8.31	8.31
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2141	3.25	0	77.61	0	0.58	0	0	4.6	0	0	0	0	0	0	8.28	8.28
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2232.98	3.25	0	77.98	0	0.61	0	0	4.76	0	0	0	0	0	0	7.74	7.74
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2255.14	3.25	0	78.06	0	0.61	0	0	4.79	0	0	0	0	0	0	7.61	7.61
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2316.23	3.25	0	78.3	0	0.63	0	0	4.89	0	0	0	0	0	0	7.26	7.26
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2407.13	3.25	0	78.63	0	0.65	0	0	5.04	0	0	0	0	0	0	6.76	6.76
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2447.96	3.25	0	78.78	0	0.66	0	0	5.1	0	0	0	0	0	0	6.53	6.53
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2538.86	3.25	0	79.09	0	0.69	0	0	5.25	0	0	0	0	0	0	6.05	6.05
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2591.94	3.25	0	79.27	0	0.7	0	0	5.33	0	0	0	0	0	0	5.77	5.77
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2670.84	3.25	0	79.53	0	0.72	0	0	5.46	0	0	0	0	0	0	5.37	5.37
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2813.57	3.77	0	79.99	0	-0.35	0	0	5.68	0	0	0	0	0	0	1.66	1.66
imit. Value D/N:	0	0																									
Level D/N:	33.8129	33.8129																									

Receiver: Vacant Lot Noise Receptor
ID: VLR7
X: 339600
Y: 4680786
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3193.85	4.15	0	81.09	0	-0.5	0	0	6.24	0	0	0	0	0	0	24.35	24.35
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1133.43	3.25	0	72.09	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.08	17.08
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1300.68	3.25	0	73.28	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.33	15.33
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1335.91	3.25	0	73.52	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.99	14.99
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1385.81	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1466.47	3.25	0	74.33	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.79	13.79
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1467.21	3.25	0	74.33	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.79	13.79
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1493.08	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.56	13.56
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1525.79	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1530.62	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1645.77	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.29	12.29
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1698.76	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1709	3.25	0	75.65	0	0.04	0	0	12.82	0	0	0	0	0	0	11.79	11.79
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1799.55	3.25	0	76.1	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1851.26	3.25	0	76.35	0	0.09	0	0	13.14	0	0	0	0	0	0	10.74	10.74
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2012.95	3.25	0	77.08	0	0.13	0	0	13.49	0	0	0	0	0	0	9.61	9.61
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2085.65	3.25	0	77.38	0	0.15	0	0	13.64	0	0	0	0	0	0	9.13	9.13
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2195.92	3.25	0	77.83	0	0.18	0	0	13.86	0	0	0	0	0	0	8.43	8.43
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2250.45	3.25	0	78.05	0	0.2	0	0	13.97	0	0	0	0	0	0	8.1	8.1
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2373.61	3.25	0	78.51	0	0.23	0	0	14.22	0	0	0	0	0	0	7.36	7.36
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2441.76	3.25	0	78.75	0	0.24	0	0	14.35	0	0	0	0	0	0	6.97	6.97
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2528.21	3.25	0	79.06	0	0.26	0	0	14.51	0	0	0	0	0	0	6.48	6.48
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2555.4	3.25	0	79.15	0	0.27	0	0	14.56	0	0	0	0	0	0	6.33	6.33
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2614.59	3.25	0	79.35	0	0.28	0	0	14.67	0	0	0	0	0	0	6.01	6.01
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2659.06	3.25	0	79.49	0	0.29	0	0	14.76	0	0	0	0	0	0	5.77	5.77
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2710.31	3.25	0	79.66	0	0.3	0	0	14.85	0	0	0	0	0	0	5.5	5.5
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2813.43	3.25	0	79.98	0	0.32	0	0	15.04	0	0	0	0	0	0	4.96	4.96
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2823.24	3.25	0	80.01	0	0.33	0	0	15.06	0	0	0	0	0	0	4.91	4.91
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2928.72	3.25	0	80.33	0	0.35	0	0	15.25	0	0	0	0	0	0	4.38	4.38
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	2968.33	3.25	0	80.45	0	0.36	0	0	15.32	0	0	0	0	0	0	4.19	4.19
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3060.58	3.25	0	80.72	0	0.37	0	0	15.48	0	0	0	0	0	0	3.74	3.74
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1134.49	3.25	0	72.1	0	0.31	0	0	2.79	0	0	0	0	0	0	15.88	15.88
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1301.39	3.25	0	73.29	0	0.36	0	0	3.11	0	0	0	0	0	0	14.32	14.32
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1337.17	3.25	0	73.52	0	0.37	0	0	3.18	0	0	0	0	0	0	14.01	14.01
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1387.6	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	13.58	13.58
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1466.19	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	12.93	12.93
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1467.62	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	12.92	12.92
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1494.1	3.25	0	74.49	0	0.41	0	0	3.47	0	0	0	0	0	0	12.71	12.71
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1523.29	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	12.48	12.48
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1531.98	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	12.41	12.41
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1647.46	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	11.54	11.54
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3214.59	3.5	0	81.14	0	3.45	0	0	2.42	0	0	0	0	0	0	9.62	9.62
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1699.74	3.25	0	75.61	0	0.46	0	0	3.84	0	0	0	0	0	0	11.16	11.16
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1706.9	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	11.11	11.11
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1797.98	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	10.47	10.47
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1853.35	3.25	0	76.36	0	0.5	0	0	4.11	0	0	0	0	0	0	10.1	10.1
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2014.11	3.25	0	77.08	0	0.55	0	0	4.39	0	0	0	0	0	0	9.06	9.06
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2087.25	3.25	0	77.39	0	0.57	0	0	4.51	0	0	0	0	0	0	8.6	8.6
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2197.79	3.25	0	77.84	0	0.6	0	0	4.7	0	0	0	0	0	0	7.94	7.94
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2252.33	3.25	0	78.05	0	0.61	0	0	4.79	0	0	0	0	0	0	7.62	7.62
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2375.74	3.25	0	78.52	0	0.64	0	0	4.99	0	0	0	0	0	0	6.93	6.93
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2439.38	3.25	0	78.75	0	0.66	0	0	5.09	0	0	0	0	0	0	6.58	6.58
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2531.38	3.25	0	79.07	0	0.68	0	0	5.24	0	0	0	0	0	0	6.09	6.09
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2552.82	3.25	0	79.14	0	0.69	0	0	5.27	0	0	0	0	0	0	5.97	5.97
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2611.16	3.25	0	79.34	0	0.71	0	0	5.36	0	0	0	0	0	0	5.67	5.67
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2661.88	3.25	0	79.5	0	0.72	0	0	5.44	0	0	0	0	0	0	5.41	5.41
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2707.66	3.25	0	79.65	0	0.73	0	0	5.51	0	0	0	0	0	0	5.18	5.18
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2811	3.25	0	79.98	0	0.76	0	0	5.67	0	0	0	0	0	0	4.67	4.67
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2826.11	3.25	0	80.02	0	0.76	0	0	5.7	0	0	0	0	0	0	4.6	4.6
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	2931.88	3.25	0	80.34	0	0.79	0	0	5.86	0	0	0	0	0	0	4.09	4.09
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	2964.78	3.25	0	80.44	0	0.8	0	0	5.9	0	0	0	0	0	0	3.94	3.94
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3057.28	3.25	0	80.71	0	0.82	0	0	6.04	0	0	0	0	0	0	3.51	3.51

	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3211.32	3.77	0	81.13	0	-0.25	0	0	6.27	0	0	0	0	0	0	-0.17	-0.17
imit. Value D/N:	0	0																								
Level D/N:	30.1035	30.1035																								

Receiver: Vacant Lot Noise Receptor
ID: VLR8
X: 339404
Y: 4680831
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3260.88	4.15	0	81.27	0	-0.49	0	0	6.34	0	0	0	0	0	0	24.05	24.05
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1141.18	3.25	0	72.15	0	-0.18	0	0	11.35	0	0	0	0	0	0	16.99	16.99
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1294.11	3.25	0	73.24	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.4	15.4
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1356.02	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.8	14.8
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1423.34	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.18	14.18
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1427.89	3.25	0	74.09	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.14	14.14
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1448.94	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.95	13.95
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1495.08	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.54	13.54
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1553.62	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1579.19	3.25	0	74.97	0	0	0	0	12.52	0	0	0	0	0	0	12.83	12.83
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1681.52	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.01	12.01
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1704.83	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.83	11.83
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1762.03	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.39	11.39
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1818.9	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.97	10.97
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1887.7	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.48	10.48
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2016.71	3.25	0	77.09	0	0.13	0	0	13.5	0	0	0	0	0	0	9.59	9.59
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2103.84	3.25	0	77.46	0	0.16	0	0	13.68	0	0	0	0	0	0	9.02	9.02
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2223.15	3.25	0	77.94	0	0.19	0	0	13.92	0	0	0	0	0	0	8.26	8.26
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2290.68	3.25	0	78.2	0	0.21	0	0	14.05	0	0	0	0	0	0	7.85	7.85
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2424.26	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2503.06	3.25	0	78.97	0	0.26	0	0	14.46	0	0	0	0	0	0	6.62	6.62
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2600.46	3.25	0	79.3	0	0.28	0	0	14.65	0	0	0	0	0	0	6.08	6.08
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2606.47	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.05	6.05
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2696.2	3.25	0	79.62	0	0.3	0	0	14.82	0	0	0	0	0	0	5.57	5.57
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2718.26	3.25	0	79.69	0	0.31	0	0	14.87	0	0	0	0	0	0	5.46	5.46
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	2782.57	3.25	0	79.89	0	0.32	0	0	14.98	0	0	0	0	0	0	5.12	5.12
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2875.83	3.25	0	80.18	0	0.34	0	0	15.15	0	0	0	0	0	0	4.65	4.65
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	2904.52	3.25	0	80.26	0	0.34	0	0	15.2	0	0	0	0	0	0	4.5	4.5
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	2999.33	3.25	0	80.54	0	0.36	0	0	15.37	0	0	0	0	0	0	4.04	4.04
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3053.81	3.25	0	80.7	0	0.37	0	0	15.47	0	0	0	0	0	0	3.78	3.78
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3136.8	3.25	0	80.93	0	0.39	0	0	15.61	0	0	0	0	0	0	3.38	3.38
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1143.26	3.25	0	72.16	0	0.32	0	0	2.81	0	0	0	0	0	0	15.79	15.79
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1295.73	3.25	0	73.25	0	0.36	0	0	3.1	0	0	0	0	0	0	14.37	14.37
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1357.98	3.25	0	73.66	0	0.37	0	0	3.22	0	0	0	0	0	0	13.83	13.83
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1423.74	3.25	0	74.07	0	0.39	0	0	3.34	0	0	0	0	0	0	13.28	13.28
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1430.32	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	13.22	13.22
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1450.16	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	13.06	13.06
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1496.88	3.25	0	74.5	0	0.41	0	0	3.48	0	0	0	0	0	0	12.69	12.69
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1555.6	3.25	0	74.84	0	0.42	0	0	3.59	0	0	0	0	0	0	12.23	12.23
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1576.03	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	12.07	12.07
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1683.77	3.25	0	75.53	0	0.46	0	0	3.82	0	0	0	0	0	0	11.28	11.28
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1706.38	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	11.11	11.11
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3283.04	3.5	0	81.33	0	3.46	0	0	2.46	0	0	0	0	0	0	9.39	9.39
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1759.43	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	10.74	10.74
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1816.7	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	10.35	10.35
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1890.37	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2018.46	3.25	0	77.1	0	0.55	0	0	4.4	0	0	0	0	0	0	9.03	9.03
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2105.99	3.25	0	77.47	0	0.57	0	0	4.55	0	0	0	0	0	0	8.49	8.49
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2225.53	3.25	0	77.95	0	0.6	0	0	4.74	0	0	0	0	0	0	7.78	7.78
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2292.95	3.25	0	78.21	0	0.62	0	0	4.85	0	0	0	0	0	0	7.39	7.39
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2426.75	3.25	0	78.7	0	0.66	0	0	5.07	0	0	0	0	0	0	6.65	6.65
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2500.35	3.25	0	78.96	0	0.68	0	0	5.19	0	0	0	0	0	0	6.25	6.25
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2603.49	3.25	0	79.31	0	0.7	0	0	5.35	0	0	0	0	0	0	5.71	5.71
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2603.99	3.25	0	79.31	0	0.7	0	0	5.35	0	0	0	0	0	0	5.71	5.71
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2692.44	3.25	0	79.6	0	0.73	0	0	5.49	0	0	0	0	0	0	5.26	5.26
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2721.45	3.25	0	79.7	0	0.73	0	0	5.53	0	0	0	0	0	0	5.11	5.11
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	2779.64	3.25	0	79.88	0	0.75	0	0	5.62	0	0	0	0	0	0	4.82	4.82
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2873.11	3.25	0	80.17	0	0.77	0	0	5.77	0	0	0	0	0	0	4.37	4.37
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	2907.64	3.25	0	80.27	0	0.78	0	0	5.82	0	0	0	0	0	0	4.21	4.21

	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3002.8	3.25	0	80.55	0	0.81	0	0	5.96	0	0	0	0	0	0	3.76	3.76
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3049.97	3.25	0	80.69	0	0.82	0	0	6.03	0	0	0	0	0	0	3.54	3.54
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3133.2	3.25	0	80.92	0	0.84	0	0	6.15	0	0	0	0	0	0	3.16	3.16
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3278.67	3.77	0	81.31	0	-0.24	0	0	6.37	0	0	0	0	0	0	-0.47	-0.47
imit. Value D/N:	0	0																								
Level D/N:	29.9279	29.9279																								

Receiver: Vacant Lot Noise Receptor
ID: VLR9
X: 338941
Y: 4680856
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3522.08	4.15	0	81.94	0	-0.43	0	0	6.71	0	0	0	0	0	0	22.96	22.96
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1352.25	3.25	0	73.62	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.84	14.84
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1465.53	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1507.55	3.25	0	74.57	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.43	13.43
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1574.89	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1585.81	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.78	12.78
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	1670.9	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	12.09	12.09
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1682.92	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1767.5	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.35	11.35
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1847.72	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.76	10.76
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	1878.64	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.54	10.54
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1914.07	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.29	10.29
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2014.76	3.25	0	77.08	0	0.13	0	0	13.49	0	0	0	0	0	0	9.6	9.6
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2023.51	3.25	0	77.12	0	0.14	0	0	13.51	0	0	0	0	0	0	9.54	9.54
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2114.42	3.25	0	77.5	0	0.16	0	0	13.7	0	0	0	0	0	0	8.95	8.95
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2174.24	3.25	0	77.75	0	0.18	0	0	13.82	0	0	0	0	0	0	8.57	8.57
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2288.32	3.25	0	78.19	0	0.21	0	0	14.05	0	0	0	0	0	0	7.87	7.87
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2422.66	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.08	7.08
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2514.22	3.25	0	79.01	0	0.26	0	0	14.49	0	0	0	0	0	0	6.56	6.56
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	2665.27	3.25	0	79.51	0	0.29	0	0	14.77	0	0	0	0	0	0	5.74	5.74
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	2762.9	3.25	0	79.83	0	0.31	0	0	14.95	0	0	0	0	0	0	5.22	5.22
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	2845.13	3.25	0	80.08	0	0.33	0	0	15.1	0	0	0	0	0	0	4.8	4.8
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	2879.23	3.25	0	80.19	0	0.34	0	0	15.16	0	0	0	0	0	0	4.63	4.63
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	2970.85	3.25	0	80.46	0	0.36	0	0	15.32	0	0	0	0	0	0	4.18	4.18
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	2990.88	3.25	0	80.52	0	0.36	0	0	15.36	0	0	0	0	0	0	4.08	4.08
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3058.96	3.25	0	80.71	0	0.37	0	0	15.48	0	0	0	0	0	0	3.75	3.75
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3132.41	3.25	0	80.92	0	0.39	0	0	15.6	0	0	0	0	0	0	3.4	3.4
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3196.19	3.25	0	81.09	0	0.4	0	0	15.71	0	0	0	0	0	0	3.11	3.11
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3270.07	3.25	0	81.29	0	0.41	0	0	15.84	0	0	0	0	0	0	2.77	2.77
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3351.68	3.25	0	81.51	0	0.43	0	0	15.98	0	0	0	0	0	0	2.4	2.4
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3416.68	3.25	0	81.67	0	0.44	0	0	16.09	0	0	0	0	0	0	2.11	2.11
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1356.06	3.25	0	73.65	0	0.37	0	0	3.22	0	0	0	0	0	0	13.84	13.84
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1468.85	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	12.91	12.91
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1509.46	3.25	0	74.58	0	0.41	0	0	3.5	0	0	0	0	0	0	12.59	12.59
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1578.04	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	12.06	12.06
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1588.67	3.25	0	75.02	0	0.43	0	0	3.65	0	0	0	0	0	0	11.98	11.98
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	1674.17	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	11.35	11.35
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1686.35	3.25	0	75.54	0	0.46	0	0	3.82	0	0	0	0	0	0	11.26	11.26
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1770.54	3.25	0	75.96	0	0.48	0	0	3.97	0	0	0	0	0	0	10.66	10.66
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1843.51	3.25	0	76.31	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3546.75	3.5	0	82	0	3.5	0	0	2.6	0	0	0	0	0	0	8.53	8.53
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	1881.29	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	9.91	9.91
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1917.25	3.25	0	76.65	0	0.52	0	0	4.23	0	0	0	0	0	0	9.68	9.68
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2011.39	3.25	0	77.07	0	0.55	0	0	4.39	0	0	0	0	0	0	9.07	9.07
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2020.1	3.25	0	77.11	0	0.55	0	0	4.4	0	0	0	0	0	0	9.02	9.02
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2118.12	3.25	0	77.52	0	0.58	0	0	4.57	0	0	0	0	0	0	8.42	8.42
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2177.14	3.25	0	77.76	0	0.59	0	0	4.66	0	0	0	0	0	0	8.06	8.06
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2291.51	3.25	0	78.2	0	0.62	0	0	4.85	0	0	0	0	0	0	7.4	7.4
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2425.98	3.25	0	78.7	0	0.66	0	0	5.07	0	0	0	0	0	0	6.65	6.65
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2517.21	3.25	0	79.02	0	0.68	0	0	5.22	0	0	0	0	0	0	6.16	6.16
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	2668.4	3.25	0	79.53	0	0.72	0	0	5.45	0	0	0	0	0	0	5.38	5.38
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	2759.61	3.25	0	79.82	0	0.74	0	0	5.59	0	0	0	0	0	0	4.92	4.92
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	2841.42	3.25	0	80.07	0	0.76	0	0	5.72	0	0	0	0	0	0	4.52	4.52
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	2883.39	3.25	0	80.2	0	0.78	0	0	5.78	0	0	0	0	0	0	4.32	4.32
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	2974.7	3.25	0	80.47	0	0.8	0	0	5.92	0	0	0	0	0	0	3.89	3.89
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	2986.56	3.25	0	80.5	0	0.8	0	0	5.94	0	0	0	0	0	0	3.83	3.83

	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3055.53	3.25	0	80.7	0	0.82	0	0	6.04	0	0	0	0	0	0	3.52	3.52
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3129.18	3.25	0	80.91	0	0.84	0	0	6.15	0	0	0	0	0	0	3.18	3.18
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3199.75	3.25	0	81.1	0	0.85	0	0	6.25	0	0	0	0	0	0	2.87	2.87
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3274.1	3.25	0	81.3	0	0.87	0	0	6.36	0	0	0	0	0	0	2.54	2.54
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3347.36	3.25	0	81.49	0	0.89	0	0	6.47	0	0	0	0	0	0	2.23	2.23
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3412.56	3.25	0	81.66	0	0.91	0	0	6.56	0	0	0	0	0	0	1.95	1.95
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3540.31	3.77	0	81.98	0	-0.17	0	0	6.74	0	0	0	0	0	0	-1.57	-1.57
imit. Value D/N:	0	0																								
Level D/N:	28.5275	28.5275																								

Receiver: Vacant Lot Noise Receptor
ID: VLR10
X: 338373
Y: 4680894
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	3889.37	4.15	0	82.8	0	-0.35	0	0	7.22	0	0	0	0	0	0	21.51	21.51
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1745.48	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	1772.82	3.25	0	75.97	0	0.06	0	0	12.97	0	0	0	0	0	0	11.31	11.31
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	1816.04	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	10.99	10.99
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	1895.18	3.25	0	76.55	0	0.1	0	0	13.24	0	0	0	0	0	0	10.42	10.42
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1958.85	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.98	9.98
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2010.48	3.25	0	77.07	0	0.13	0	0	13.48	0	0	0	0	0	0	9.63	9.63
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	2091.73	3.25	0	77.41	0	0.15	0	0	13.65	0	0	0	0	0	0	9.09	9.09
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	2136.04	3.25	0	77.59	0	0.17	0	0	13.74	0	0	0	0	0	0	8.81	8.81
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2204.05	3.25	0	77.86	0	0.18	0	0	13.88	0	0	0	0	0	0	8.38	8.38
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	2260.87	3.25	0	78.09	0	0.2	0	0	13.99	0	0	0	0	0	0	8.03	8.03
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	2292.5	3.25	0	78.21	0	0.21	0	0	14.06	0	0	0	0	0	0	7.84	7.84
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	2354.53	3.25	0	78.44	0	0.22	0	0	14.18	0	0	0	0	0	0	7.47	7.47
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	2423.86	3.25	0	78.69	0	0.24	0	0	14.31	0	0	0	0	0	0	7.07	7.07
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2469.24	3.25	0	78.85	0	0.25	0	0	14.4	0	0	0	0	0	0	6.81	6.81
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	2479.37	3.25	0	78.89	0	0.25	0	0	14.42	0	0	0	0	0	0	6.75	6.75
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2605.73	3.25	0	79.32	0	0.28	0	0	14.66	0	0	0	0	0	0	6.06	6.06
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2750.37	3.25	0	79.79	0	0.31	0	0	14.92	0	0	0	0	0	0	5.29	5.29
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	2863.08	3.25	0	80.14	0	0.34	0	0	15.13	0	0	0	0	0	0	4.71	4.71
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	3027.5	3.25	0	80.62	0	0.37	0	0	15.42	0	0	0	0	0	0	3.9	3.9
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	3141.6	3.25	0	80.94	0	0.39	0	0	15.62	0	0	0	0	0	0	3.36	3.36
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	3200.92	3.25	0	81.11	0	0.4	0	0	15.72	0	0	0	0	0	0	3.08	3.08
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	3274.35	3.25	0	81.3	0	0.41	0	0	15.85	0	0	0	0	0	0	2.75	2.75
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	3338.15	3.25	0	81.47	0	0.42	0	0	15.96	0	0	0	0	0	0	2.46	2.46
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	3399.8	3.25	0	81.63	0	0.43	0	0	16.06	0	0	0	0	0	0	2.19	2.19
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	3448.62	3.25	0	81.75	0	0.44	0	0	16.15	0	0	0	0	0	0	1.97	1.97
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	3500.86	3.25	0	81.88	0	0.45	0	0	16.23	0	0	0	0	0	0	1.74	1.74
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	3599.1	3.25	0	82.12	0	0.47	0	0	16.4	0	0	0	0	0	0	1.32	1.32
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	3650.74	3.25	0	82.25	0	0.48	0	0	16.48	0	0	0	0	0	0	1.11	1.11
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	3758.76	3.25	0	82.5	0	0.49	0	0	16.66	0	0	0	0	0	0	0.66	0.66
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	3804.64	3.25	0	82.61	0	0.5	0	0	16.73	0	0	0	0	0	0	0.47	0.47
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1750.38	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	10.8	10.8
	Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	1776.05	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	10.62	10.62
	Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	1820.59	3.25	0	76.2	0	0.5	0	0	4.06	0	0	0	0	0	0	10.32	10.32
	Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	1899.38	3.25	0	76.57	0	0.52	0	0	4.19	0	0	0	0	0	0	9.79	9.79
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1962.83	3.25	0	76.86	0	0.53	0	0	4.3	0	0	0	0	0	0	9.38	9.38
	Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2014.89	3.25	0	77.09	0	0.55	0	0	4.39	0	0	0	0	0	0	9.05	9.05
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	3916.32	3.5	0	82.86	0	3.56	0	0	2.8	0	0	0	0	0	0	7.42	7.42
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	2095.85	3.25	0	77.43	0	0.57	0	0	4.53	0	0	0	0	0	0	8.55	8.55
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	2139.89	3.25	0	77.61	0	0.58	0	0	4.6	0	0	0	0	0	0	8.29	8.29
	Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2207.59	3.25	0	77.88	0	0.6	0	0	4.71	0	0	0	0	0	0	7.88	7.88
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	2255.92	3.25	0	78.07	0	0.61	0	0	4.79	0	0	0	0	0	0	7.6	7.6
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	2296.4	3.25	0	78.22	0	0.62	0	0	4.86	0	0	0	0	0	0	7.37	7.37
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	2350.19	3.25	0	78.42	0	0.64	0	0	4.95	0	0	0	0	0	0	7.07	7.07
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	2419.84	3.25	0	78.68	0	0.66	0	0	5.06	0	0	0	0	0	0	6.69	6.69
	Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2473.17	3.25	0	78.87	0	0.67	0	0	5.15	0	0	0	0	0	0	6.4	6.4
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	2483.9	3.25	0	78.9	0	0.67	0	0	5.16	0	0	0	0	0	0	6.34	6.34
	Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2609.83	3.25	0	79.33	0	0.71	0	0	5.36	0	0	0	0	0	0	5.68	5.68
	Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2754.54	3.25	0	79.8	0	0.74	0	0	5.59	0	0	0	0	0	0	4.95	4.95
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	2866.69	3.25	0	80.15	0	0.77	0	0	5.76	0	0	0	0	0	0	4.4	4.4
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	3031.2	3.25	0	80.63	0	0.81	0	0	6	0	0	0	0	0	0	3.63	3.63
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	3137.79	3.25	0	80.93	0	0.84	0	0	6.16	0	0	0	0	0	0	3.14	3.14
	Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	3196.56	3.25	0	81.09	0	0.85	0	0	6.25	0	0	0	0	0	0	2.88	2.88

	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	3279.05	3.25	0	81.31	0	0.87	0	0	6.37	0	0	0	0	0	0	2.52	2.52
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	3342.6	3.25	0	81.48	0	0.89	0	0	6.46	0	0	0	0	0	0	2.25	2.25
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	3395	3.25	0	81.62	0	0.9	0	0	6.53	0	0	0	0	0	0	2.02	2.02
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	3444.76	3.25	0	81.74	0	0.91	0	0	6.6	0	0	0	0	0	0	1.82	1.82
	Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	3497.16	3.25	0	81.87	0	0.93	0	0	6.68	0	0	0	0	0	0	1.6	1.6
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	3603.05	3.25	0	82.13	0	0.95	0	0	6.83	0	0	0	0	0	0	1.17	1.17
	Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	3655.29	3.25	0	82.26	0	0.96	0	0	6.9	0	0	0	0	0	0	0.96	0.96
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	3754	3.25	0	82.49	0	0.98	0	0	7.03	0	0	0	0	0	0	0.57	0.57
	Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	3800.04	3.25	0	82.6	0	0.99	0	0	7.1	0	0	0	0	0	0	0.39	0.39
	REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	3907.8	3.77	0	82.84	0	-0.08	0	0	7.24	0	0	0	0	0	0	-3.02	-3.02
imit. Value D/N:	0	0																								
Level D/N:	26.4603	26.4603																								

Receiver: Vacant Lot Noise Receptor
ID: VLR11
X: 341685
Y: 4681359
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	111.2	111.2	1	2219.92	4.15	0	77.93	0	-0.69	0	0	4.73	0	0	0	0	0	0	29.21	29.21
	Inverter	MV12	340238	4682172	2	0	0	100.3	100.3	1	1659.75	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	Inverter	MV14	340322	4682335	2	0	0	100.3	100.3	1	1676.41	3.25	0	75.49	0	0.03	0	0	12.75	0	0	0	0	0	0	12.05	12.05
	Inverter	MV26	341095	4682931	2	0	0	100.3	100.3	1	1679.07	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	Inverter	MV23	340935	4682933	2	0	0	100.3	100.3	1	1743.55	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.53	11.53
	Inverter	MV09	340096	4682080	2	0	0	100.3	100.3	1	1744.93	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
	Inverter	MV28	341216	4683101	2	0	0	100.3	100.3	1	1804.03	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
	Inverter	MV11	340156	4682335	2	0	0	100.3	100.3	1	1813.95	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11.01	11.01
	Inverter	MV21	340763	4682933	2	0	0	100.3	100.3	1	1824.16	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
	Inverter	MV25	341037	4683084	2	0	0	100.3	100.3	1	1842.7	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	Inverter	MV30	341359	4683177	2	0	0	100.3	100.3	1	1847	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.77	10.77
	Inverter	MV13	340243	4682522	2	0	0	100.3	100.3	1	1852.55	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.73	10.73
	Inverter	MV06	339932	4682080	2	0	0	100.3	100.3	1	1895.48	3.25	0	76.55	0	0.1	0	0	13.24	0	0	0	0	0	0	10.42	10.42
	Inverter	MV08	340016	4682259	2	0	0	100.3	100.3	1	1896.2	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.42	10.42
	Inverter	MV19	340610	4682934	2	0	0	100.3	100.3	1	1906.9	3.25	0	76.61	0	0.1	0	0	13.26	0	0	0	0	0	0	10.34	10.34
	Inverter	MV18	340442	4682873	2	0	0	100.3	100.3	1	1958.89	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.98	9.98
	Inverter	MV22	340848	4683134	2	0	0	100.3	100.3	1	1962.45	3.25	0	76.86	0	0.12	0	0	13.38	0	0	0	0	0	0	9.96	9.96
	Inverter	MV04	339798	4681902	2	0	0	100.3	100.3	1	1963.57	3.25	0	76.86	0	0.12	0	0	13.38	0	0	0	0	0	0	9.95	9.95
	Inverter	MV10	340074	4682522	2	0	0	100.3	100.3	1	1986.93	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
	Inverter	MV20	340699	4683093	2	0	0	100.3	100.3	1	1994.73	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.74	9.74
	Inverter	MV27	341137	4683279	2	0	0	100.3	100.3	1	1996.67	3.25	0	77.01	0	0.13	0	0	13.45	0	0	0	0	0	0	9.72	9.72
	Inverter	MV24	340967	4683245	2	0	0	100.3	100.3	1	2018.05	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.58	9.58
	Inverter	MV29	341288	4683339	2	0	0	100.3	100.3	1	2019.41	3.25	0	77.1	0	0.13	0	0	13.5	0	0	0	0	0	0	9.57	9.57
	Inverter	MV05	339850	4682258	2	0	0	100.3	100.3	1	2043.39	3.25	0	77.21	0	0.14	0	0	13.55	0	0	0	0	0	0	9.41	9.41
	Inverter	MV17	340283	4682873	2	0	0	100.3	100.3	1	2063.45	3.25	0	77.29	0	0.15	0	0	13.59	0	0	0	0	0	0	9.28	9.28
	Inverter	MV03	339750	4682078	2	0	0	100.3	100.3	1	2064.27	3.25	0	77.3	0	0.15	0	0	13.6	0	0	0	0	0	0	9.27	9.27
	Inverter	MV07	339932	4682452	2	0	0	100.3	100.3	1	2065.83	3.25	0	77.3	0	0.15	0	0	13.6	0	0	0	0	0	0	9.26	9.26
	Inverter	MV16	340153	4682797	2	0	0	100.3	100.3	1	2101.16	3.25	0	77.45	0	0.16	0	0	13.67	0	0	0	0	0	0	9.03	9.03
	Inverter	MV02	339697	4682250	2	0	0	100.3	100.3	1	2178.54	3.25	0	77.76	0	0.18	0	0	13.83	0	0	0	0	0	0	8.54	8.54
	Inverter	MV15	339989	4682761	2	0	0	100.3	100.3	1	2200.46	3.25	0	77.85	0	0.18	0	0	13.87	0	0	0	0	0	0	8.4	8.4
	Inverter	MV01	339515	4682250	2	0	0	100.3	100.3	1	2345.8	3.25	0	78.41	0	0.22	0	0	14.16	0	0	0	0	0	0	7.52	7.52
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	96.6	96.6	1	2218.51	3.5	0	77.92	0	3.27	0	0	1.85	0	0	0	0	0	0	13.59	13.59
	Inverter Transformer	MV12T	340232	4682172	2	0	0	91.1	91.1	1	1664.99	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	11.41	11.41
	Inverter Transformer	MV14T	340317	4682335	2	0	0	91.1	91.1	1	1680.48	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.3	11.3
	Inverter Transformer	MV26T	341089	4682931	2	0	0	91.1	91.1	1	1681.19	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	11.29	11.29
	Inverter Transformer	MV09T	340101	4682080	2	0	0	91.1	91.1	1	1740.37	3.25	0	75.81	0	0.47	0	0	3.92	0	0	0	0	0	0	10.87	10.87
	Inverter Transformer	MV23T	340941	4682933	2	0	0	91.1	91.1	1	1740.98	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	10.87	10.87
	Inverter Transformer	MV28T	341221	4683101	2	0	0	91.1	91.1	1	1802.74	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	10.44	10.44
	Inverter Transformer	MV11T	340161	4682335	2	0	0	91.1	91.1	1	1809.74	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	10.39	10.39
	Inverter Transformer	MV21T	340758	4682933	2	0	0	91.1	91.1	1	1826.69	3.25	0	76.23	0	0.5	0	0	4.07	0	0	0	0	0	0	10.28	10.28
	Inverter Transformer	MV25T	341032	4683084	2	0	0	91.1	91.1	1	1844.46	3.25	0	76.32	0	0.5	0	0	4.1	0	0	0	0	0	0	10.16	10.16
	Inverter Transformer	MV13T	340249	4682522	2	0	0	91.1	91.1	1	1847.88	3.25	0	76.33	0	0.5	0	0	4.11	0	0	0	0	0	0	10.14	10.14
	Inverter Transformer	MV30T	341353	4683177	2	0	0	91.1	91.1	1	1848.07	3.25	0	76.33	0	0.5	0	0	4.11	0	0	0	0	0	0	10.13	10.13
	Inverter Transformer	MV06T	339937	4682080	2	0	0	91.1	91.1	1	1890.86	3.25	0	76.53	0	0.51	0	0	4.18	0	0	0	0	0	0	9.85	9.85
	Inverter Transformer	MV08T	340021	4682259	2	0	0	91.1	91.1	1	1891.8	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	9.84	9.84
	Inverter Transformer	MV19T	340615	4682934	2	0	0	91.1	91.1	1	1904.08	3.25	0	76.59	0	0.52	0	0	4.2	0	0	0	0	0	0	9.76	9.76
	Inverter Transformer	MV18T	340447	4682873	2	0	0	91.1	91.1	1	1955.72	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	9.43	9.43
	Inverter Transformer	MV04T	339804	4681902	2	0	0	91.1	91.1	1	1957.81	3.25	0	76.84	0	0.53	0	0	4.29	0	0	0	0	0	0	9.41	9.41
	Inverter Transformer	MV22T	340854	4683134	2	0	0	91.1	91.1	1	1959.9	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	9.4	9.4
	Inverter Transformer	MV10T	340068	4682522	2	0	0	91.1	91.1	1	1991.8	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	9.2	9.2

Inverter Transformer	MV27T	341143	4683279	2	0	0	91.1	91.1	1	1995.04	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	9.18	9.18
Inverter Transformer	MV20T	340693	4683093	2	0	0	91.1	91.1	1	1997.71	3.25	0	77.01	0	0.54	0	0	4.36	0	0	0	0	0	0	9.16	9.16
Inverter Transformer	MV24T	340962	4683245	2	0	0	91.1	91.1	1	2019.83	3.25	0	77.11	0	0.55	0	0	4.4	0	0	0	0	0	0	9.02	9.02
Inverter Transformer	MV29T	341282	4683339	2	0	0	91.1	91.1	1	2020.6	3.25	0	77.11	0	0.55	0	0	4.4	0	0	0	0	0	0	9.02	9.02
Inverter Transformer	MV05T	339856	4682258	2	0	0	91.1	91.1	1	2038	3.25	0	77.18	0	0.55	0	0	4.43	0	0	0	0	0	0	8.91	8.91
Inverter Transformer	MV03T	339756	4682078	2	0	0	91.1	91.1	1	2058.64	3.25	0	77.27	0	0.56	0	0	4.47	0	0	0	0	0	0	8.78	8.78
Inverter Transformer	MV17T	340289	4682873	2	0	0	91.1	91.1	1	2059.37	3.25	0	77.27	0	0.56	0	0	4.47	0	0	0	0	0	0	8.78	8.78
Inverter Transformer	MV07T	339937	4682452	2	0	0	91.1	91.1	1	2061.59	3.25	0	77.28	0	0.56	0	0	4.47	0	0	0	0	0	0	8.76	8.76
Inverter Transformer	MV16T	340159	4682797	2	0	0	91.1	91.1	1	2096.79	3.25	0	77.43	0	0.57	0	0	4.53	0	0	0	0	0	0	8.55	8.55
Inverter Transformer	MV02T	339703	4682250	2	0	0	91.1	91.1	1	2173.06	3.25	0	77.74	0	0.59	0	0	4.66	0	0	0	0	0	0	8.09	8.09
Inverter Transformer	MV15T	339995	4682761	2	0	0	91.1	91.1	1	2195.84	3.25	0	77.83	0	0.6	0	0	4.69	0	0	0	0	0	0	7.95	7.95
Inverter Transformer	MV01T	339520	4682250	2	0	0	91.1	91.1	1	2341.18	3.25	0	78.39	0	0.63	0	0	4.93	0	0	0	0	0	0	7.12	7.12
REACTOR	LR	341245	4683544	3.05	0	0	87	87	1	2228.86	3.77	0	77.96	0	-0.48	0	0	4.75	0	0	0	0	0	0	4.74	4.74
imit. Value D/N: 0	0																								
Level D/N: 31.6458	31.6458																								

Receiver: Existing Noise Receptor
ID: R15
X: 341676
Y: 4684387
Z: 4.5
Ground: 0

Spectrum model output for most impacted receptor: R15

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	68.4	68.4	1	963.87	4.15	32	70.68	0	-5.23	0	0	0.03	0	0	0	0	0	0	2.91	2.91
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	87.6	87.6	1	963.87	4.15	63	70.68	0	-5.23	0	0	0.12	0	0	0	0	0	0	22.03	22.03
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	99.7	99.7	1	963.87	4.15	125	70.68	0	3.84	0	0	0.4	0	0	0	0	0	0	24.78	24.78
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	102.2	102.2	1	963.87	4.15	250	70.68	0	1.05	0	0	1.01	0	0	0	0	0	0	29.47	29.47
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	107.6	107.6	1	963.87	4.15	500	70.68	0	-1.55	0	0	1.86	0	0	0	0	0	0	36.62	36.62
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	104.8	104.8	1	963.87	4.15	1000	70.68	0	-1.57	0	0	3.53	0	0	0	0	0	0	32.16	32.16
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	101	101	1	963.87	4.15	2000	70.68	0	-1.57	0	0	9.31	0	0	0	0	0	0	22.57	22.57
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	95.8	95.8	1	963.87	4.15	4000	70.68	0	-1.57	0	0	31.59	0	0	0	0	0	0	-4.9	-4.9
	SubstationTransformer	TRS	341231	4683532	3.8	0	0	86.7	86.7	1	963.87	4.15	8000	70.68	0	-1.57	0	0	112.66	0	0	0	0	0	0	-95.07	-95.07
	Inverter	MV29	341288	4683339	2	0	0	59.8	59.8	1	1117.52	3.25	32	71.97	0	-5.48	0	0	0.04	0	0	0	0	0	0	-6.72	-6.72
	Inverter	MV29	341288	4683339	2	0	0	65.9	65.9	1	1117.52	3.25	63	71.97	0	-5.48	0	0	0.14	0	0	0	0	0	0	-0.72	-0.72
	Inverter	MV29	341288	4683339	2	0	0	73.6	73.6	1	1117.52	3.25	125	71.97	0	4.43	0	0	0.46	0	0	0	0	0	0	-3.26	-3.26
	Inverter	MV29	341288	4683339	2	0	0	82.6	82.6	1	1117.52	3.25	250	71.97	0	3.53	0	0	1.17	0	0	0	0	0	0	5.94	5.94
	Inverter	MV29	341288	4683339	2	0	0	88.1	88.1	1	1117.52	3.25	500	71.97	0	-0.09	0	0	2.15	0	0	0	0	0	0	14.07	14.07
	Inverter	MV29	341288	4683339	2	0	0	85.7	85.7	1	1117.52	3.25	1000	71.97	0	-1.55	0	0	4.09	0	0	0	0	0	0	11.19	11.19
	Inverter	MV29	341288	4683339	2	0	0	90.6	90.6	1	1117.52	3.25	2000	71.97	0	-1.64	0	0	10.8	0	0	0	0	0	0	9.48	9.48
	Inverter	MV29	341288	4683339	2	0	0	99	99	1	1117.52	3.25	4000	71.97	0	-1.64	0	0	36.62	0	0	0	0	0	0	-7.94	-7.94
	Inverter	MV29	341288	4683339	2	0	0	86.3	86.3	1	1117.52	3.25	8000	71.97	0	-1.64	0	0	130.62	0	0	0	0	0	0	-114.64	-114.64
	Inverter	MV27	341137	4683279	2	0	0	59.8	59.8	1	1232.15	3.25	32	72.81	0	-5.53	0	0	0.04	0	0	0	0	0	0	-7.53	-7.53
	Inverter	MV27	341137	4683279	2	0	0	65.9	65.9	1	1232.15	3.25	63	72.81	0	-5.53	0	0	0.15	0	0	0	0	0	0	-1.54	-1.54
	Inverter	MV27	341137	4683279	2	0	0	73.6	73.6	1	1232.15	3.25	125	72.81	0	4.47	0	0	0.51	0	0	0	0	0	0	-4.19	-4.19
	Inverter	MV27	341137	4683279	2	0	0	82.6	82.6	1	1232.15	3.25	250	72.81	0	3.52	0	0	1.29	0	0	0	0	0	0	4.99	4.99
	Inverter	MV27	341137	4683279	2	0	0	88.1	88.1	1	1232.15	3.25	500	72.81	0	-0.1	0	0	2.38	0	0	0	0	0	0	13.01	13.01
	Inverter	MV27	341137	4683279	2	0	0	85.7	85.7	1	1232.15	3.25	1000	72.81	0	-1.56	0	0	4.51	0	0	0	0	0	0	9.94	9.94
	Inverter	MV27	341137	4683279	2	0	0	90.6	90.6	1	1232.15	3.25	2000	72.81	0	-1.66	0	0	11.91	0	0	0	0	0	0	7.54	7.54
	Inverter	MV27	341137	4683279	2	0	0	99	99	1	1232.15	3.25	4000	72.81	0	-1.66	0	0	40.38	0	0	0	0	0	0	-12.53	-12.53
	Inverter	MV27	341137	4683279	2	0	0	86.3	86.3	1	1232.15	3.25	8000	72.81	0	-1.66	0	0	144.02	0	0	0	0	0	0	-128.87	-128.87
	Inverter	MV30	341359	4683177	2	0	0	59.8	59.8	1	1250.84	3.25	32	72.94	0	-5.53	0	0	0.04	0	0	0	0	0	0	-7.65	-7.65
	Inverter	MV30	341359	4683177	2	0	0	65.9	65.9	1	1250.84	3.25	63	72.94	0	-5.53	0	0	0.15	0	0	0	0	0	0	-1.66	-1.66
	Inverter	MV30	341359	4683177	2	0	0	73.6	73.6	1	1250.84	3.25	125	72.94	0	4.48	0	0	0.51	0	0	0	0	0	0	-4.34	-4.34
	Inverter	MV30	341359	4683177	2	0	0	82.6	82.6	1	1250.84	3.25	250	72.94	0	3.51	0	0	1.31	0	0	0	0	0	0	4.84	4.84
	Inverter	MV30	341359	4683177	2	0	0	88.1	88.1	1	1250.84	3.25	500	72.94	0	-0.1	0	0	2.41	0	0	0	0	0	0	12.85	12.85
	Inverter	MV30	341359	4683177	2	0	0	85.7	85.7	1	1250.84	3.25	1000	72.94	0	-1.56	0	0	4.58	0	0	0	0	0	0	9.74	9.74
	Inverter	MV30	341359	4683177	2	0	0	90.6	90.6	1	1250.84	3.25	2000	72.94	0	-1.66	0	0	12.09	0	0	0	0	0	0	7.23	7.23
	Inverter	MV30	341359	4683177	2	0	0	99	99	1	1250.84	3.25	4000	72.94	0	-1.66	0	0	40.99	0	0	0	0	0	0	-13.27	-13.27
	Inverter	MV30	341359	4683177	2	0	0	86.3	86.3	1	1250.84	3.25	8000	72.94	0	-1.66	0	0	146.2	0	0	0	0	0	0	-131.18	-131.18
	Inverter	MV24	340967	4683245	2	0	0	59.8	59.8	1	1344.19	3.25	32	73.57	0	-5.56	0	0	0.04	0	0	0	0	0	0	-8.25	-8.25
	Inverter	MV24	340967	4683245	2	0	0	65.9	65.9	1	1344.19	3.25	63	73.57	0	-5.56	0	0	0.16	0	0	0	0	0	0	-2.27	-2.27
	Inverter	MV24	340967	4683245	2	0	0	73.6	73.6	1	1344.19	3.25	125	73.57	0	4.49	0	0	0.55	0	0	0	0	0	0	-5.01	-5.01
	Inverter	MV24	340967	4683245	2	0	0	82.6	82.6	1	1344.19	3.25	250	73.57	0	3.5	0	0	1.4	0	0	0	0	0	0	4.12	4.12
	Inverter	MV24	340967	4683245	2	0	0	88.1	88.1	1	1344.19	3.25	500	73.57	0	-0.11	0	0	2.59	0	0	0	0	0	0	12.05	12.05
	Inverter	MV24	340967	4683245	2	0	0	85.7	85.7	1	1344.19	3.25	1000	73.57	0	-1.57	0	0	4.92	0	0	0	0	0	0	8.79	8.79
	Inverter	MV24	340967	4683245	2	0	0	90.6	90.6	1	1344.19	3.25	2000	73.57	0	-1.67	0	0	12.99	0	0	0	0	0	0	5.71	5.71
	Inverter	MV24	340967	4683245	2	0	0	99	99	1	1344.19	3.25	4000	73.57	0	-1.67	0	0	44.05	0	0	0	0	0	0	-16.95	-16.95
	Inverter	MV24	340967	4683245	2	0	0	86.3	86.3	1	1344.19	3.25	8000	73.57	0	-1.67	0	0	157.11	0	0	0	0	0	0	-142.71	-142.71
	Inverter	MV28	341216	4683101	2	0	0	59.8	59.8	1	1365.8	3.25	32	73.71	0	-5.57	0	0	0.04	0	0	0	0	0	0	-8.38	-8.38
	Inverter	MV28	341216	4683101	2	0	0	65.9	65.9	1	1365.8	3.25	63	73.71	0	-5.57	0	0	0.17	0	0	0	0	0	0	-2.4	-2.4
	Inverter	MV28	341216	4683101	2	0	0	73.6	73.6	1	1365.8	3.25	125	73.71	0	4.49	0	0	0.56	0	0	0	0	0	0	-5.16	-5.16
	Inverter	MV28	341216	4683101	2	0	0	82.6	82.6	1	1365.8	3.25	250	73.71	0	3.5	0	0	1.43	0	0	0	0	0	0	3.97	3.97
	Inverter	MV28	341216	4683101	2	0	0	88.1	88.1	1	1365.8	3.25	500	73.71	0	-0.11	0	0	2.63	0	0	0	0	0	0	11.87	11.87
	Inverter	MV28	341216	4683101	2	0	0	85.7	85.7	1	1365.8	3.25	1000	73.71	0	-1.58	0	0	5	0	0	0	0	0	0	8.57	8.57
	Inverter	MV28	341216	4683101	2	0	0	90.6	90.6	1	1365.8	3.25	2000	73.71	0	-1.67	0	0	13.2	0	0	0	0	0	0	5.36	5.36
	Inverter	MV28	341216	4683101	2	0	0	99	99	1	1365.8	3.25	4000	73.71	0	-1.67	0	0	44.76	0	0	0	0	0	0	-17.79	-17.79
	Inverter	MV28	341216	4683101	2	0	0	86.3	86.3	1	1365.8	3.25	8000	73.71	0	-1.67	0	0	159.64	0	0	0	0	0	0	-145.37	-145.37
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	66.8	66.8	1	945.03	3.5	63	70.51	0	-5.33	0	0	0.12	0	0	0	0	0	0	1.51	1.51
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	94.9	94.9	1	945.03	3.5	125	70.51	0	4.11	0	0	0.39	0	0	0	0	0	0	19.89	19.89
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	86.4	86.4	1	945.03	3.5	250	70.51	0	2.8	0	0	0.99	0	0	0	0	0	0	12.1	12.1
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	87.8	87.8	1	945.03	3.5	500	70.51	0	-1.05	0	0	1.82	0	0	0	0	0	0	16.52	16.52
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	80	80	1	945.03	3.5	1000	70.51	0	-1.59	0	0	3.46	0	0	0	0	0	0	7.62	7.62
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	75.2	75.2	1	945.03	3.5	2000	70.51	0	-1.6	0	0	9.13	0	0	0	0	0	0	-2.84	-2.84
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	85	85	1	945.03	3.5	4000	70.51	0	-1.6	0	0	30.97	0	0	0	0	0	0	-14.88	-14.88
	DSTATCOM 10 MVAR	DSTAT	341263	4683537	2.5	0	0	72.9	72.9	1	945.03	3.5	8000	70.51	0	-1.6	0	0	110.46	0	0	0	0	0	0	-106.47	-106.47
	Inverter	MV25	341037	4683084	2	0	0	59.8	59.8	1	1451.25	3.25	32	74.23	0	-5.6	0	0	0.05	0	0	0	0	0	0	-8.88	-8.88
	Inverter	MV25	341037	4683084	2	0	0	65.9	65.9	1	1451.25	3.25	63	74.23	0	-5.6	0	0	0.18	0	0	0	0	0	0	-2.91	-2.91
	Inverter	MV25	341037	4683084	2	0	0	73.6	73.6	1	1451.25	3.25	125	74.23	0	4.49	0	0	0.6	0	0	0	0	0	0	-5.72	-5.72
	Inverter	MV25	341037	4683084	2	0	0	82.6	82.6	1	1451.25	3.25	250	74.23	0	3.49	0	0	1.51	0	0	0	0	0	0	3.36	3.36

Inverter	MV25	341037	4683084	2	0	0	88.1	88.1	1	1451.25	3.25	500	74.23	0	-0.12	0	0	2.8	0	0	0	0	0	0	11.19	11.19
Inverter	MV25	341037	4683084	2	0	0	85.7	85.7	1	1451.25	3.25	1000	74.23	0	-1.58	0	0	5.31	0	0	0	0	0	0	7.74	7.74
Inverter	MV25	341037	4683084	2	0	0	90.6	90.6	1	1451.25	3.25	2000	74.23	0	-1.68	0	0	14.02	0	0	0	0	0	0	4.02	4.02
Inverter	MV25	341037	4683084	2	0	0	99	99	1	1451.25	3.25	4000	74.23	0	-1.68	0	0	47.56	0	0	0	0	0	0	-21.11	-21.11
Inverter	MV25	341037	4683084	2	0	0	86.3	86.3	1	1451.25	3.25	8000	74.23	0	-1.68	0	0	169.63	0	0	0	0	0	0	-155.88	-155.88
Inverter	MV22	340848	4683134	2	0	0	59.8	59.8	1	1501.87	3.25	32	74.53	0	-5.61	0	0	0.05	0	0	0	0	0	0	-9.17	-9.17
Inverter	MV22	340848	4683134	2	0	0	65.9	65.9	1	1501.87	3.25	63	74.53	0	-5.61	0	0	0.18	0	0	0	0	0	0	-3.2	-3.2
Inverter	MV22	340848	4683134	2	0	0	73.6	73.6	1	1501.87	3.25	125	74.53	0	4.49	0	0	0.62	0	0	0	0	0	0	-6.04	-6.04
Inverter	MV22	340848	4683134	2	0	0	82.6	82.6	1	1501.87	3.25	250	74.53	0	3.49	0	0	1.57	0	0	0	0	0	0	3.01	3.01
Inverter	MV22	340848	4683134	2	0	0	88.1	88.1	1	1501.87	3.25	500	74.53	0	-0.13	0	0	2.9	0	0	0	0	0	0	10.8	10.8
Inverter	MV22	340848	4683134	2	0	0	85.7	85.7	1	1501.87	3.25	1000	74.53	0	-1.59	0	0	5.49	0	0	0	0	0	0	7.26	7.26
Inverter	MV22	340848	4683134	2	0	0	90.6	90.6	1	1501.87	3.25	2000	74.53	0	-1.68	0	0	14.51	0	0	0	0	0	0	3.24	3.24
Inverter	MV22	340848	4683134	2	0	0	99	99	1	1501.87	3.25	4000	74.53	0	-1.68	0	0	49.22	0	0	0	0	0	0	-23.07	-23.07
Inverter	MV22	340848	4683134	2	0	0	86.3	86.3	1	1501.87	3.25	8000	74.53	0	-1.68	0	0	175.54	0	0	0	0	0	0	-162.09	-162.09
Inverter	MV26	341095	4682931	2	0	0	59.8	59.8	1	1567.64	3.25	32	74.9	0	-5.63	0	0	0.05	0	0	0	0	0	0	-9.53	-9.53
Inverter	MV26	341095	4682931	2	0	0	65.9	65.9	1	1567.64	3.25	63	74.9	0	-5.63	0	0	0.19	0	0	0	0	0	0	-3.57	-3.57
Inverter	MV26	341095	4682931	2	0	0	73.6	73.6	1	1567.64	3.25	125	74.9	0	4.49	0	0	0.64	0	0	0	0	0	0	-6.44	-6.44
Inverter	MV26	341095	4682931	2	0	0	82.6	82.6	1	1567.64	3.25	250	74.9	0	3.48	0	0	1.64	0	0	0	0	0	0	2.57	2.57
Inverter	MV26	341095	4682931	2	0	0	88.1	88.1	1	1567.64	3.25	500	74.9	0	-0.13	0	0	3.02	0	0	0	0	0	0	10.3	10.3
Inverter	MV26	341095	4682931	2	0	0	85.7	85.7	1	1567.64	3.25	1000	74.9	0	-1.59	0	0	5.73	0	0	0	0	0	0	6.65	6.65
Inverter	MV26	341095	4682931	2	0	0	90.6	90.6	1	1567.64	3.25	2000	74.9	0	-1.69	0	0	15.15	0	0	0	0	0	0	2.23	2.23
Inverter	MV26	341095	4682931	2	0	0	99	99	1	1567.64	3.25	4000	74.9	0	-1.69	0	0	51.37	0	0	0	0	0	0	-25.59	-25.59
Inverter	MV26	341095	4682931	2	0	0	86.3	86.3	1	1567.64	3.25	8000	74.9	0	-1.69	0	0	183.23	0	0	0	0	0	0	-170.15	-170.15
Inverter	MV20	340699	4683093	2	0	0	59.8	59.8	1	1621.41	3.25	32	75.2	0	-5.64	0	0	0.05	0	0	0	0	0	0	-9.81	-9.81
Inverter	MV20	340699	4683093	2	0	0	65.9	65.9	1	1621.41	3.25	63	75.2	0	-5.64	0	0	0.2	0	0	0	0	0	0	-3.86	-3.86
Inverter	MV20	340699	4683093	2	0	0	73.6	73.6	1	1621.41	3.25	125	75.2	0	4.49	0	0	0.67	0	0	0	0	0	0	-6.75	-6.75
Inverter	MV20	340699	4683093	2	0	0	82.6	82.6	1	1621.41	3.25	250	75.2	0	3.48	0	0	1.69	0	0	0	0	0	0	2.23	2.23
Inverter	MV20	340699	4683093	2	0	0	88.1	88.1	1	1621.41	3.25	500	75.2	0	-0.13	0	0	3.13	0	0	0	0	0	0	9.91	9.91
Inverter	MV20	340699	4683093	2	0	0	85.7	85.7	1	1621.41	3.25	1000	75.2	0	-1.6	0	0	5.93	0	0	0	0	0	0	6.17	6.17
Inverter	MV20	340699	4683093	2	0	0	90.6	90.6	1	1621.41	3.25	2000	75.2	0	-1.69	0	0	15.67	0	0	0	0	0	0	1.42	1.42
Inverter	MV20	340699	4683093	2	0	0	99	99	1	1621.41	3.25	4000	75.2	0	-1.69	0	0	53.13	0	0	0	0	0	0	-27.64	-27.64
Inverter	MV20	340699	4683093	2	0	0	86.3	86.3	1	1621.41	3.25	8000	75.2	0	-1.69	0	0	189.51	0	0	0	0	0	0	-176.72	-176.72
Inverter	MV23	340935	4682933	2	0	0	59.8	59.8	1	1631.93	3.25	32	75.25	0	-5.64	0	0	0.05	0	0	0	0	0	0	-9.86	-9.86
Inverter	MV23	340935	4682933	2	0	0	65.9	65.9	1	1631.93	3.25	63	75.25	0	-5.64	0	0	0.2	0	0	0	0	0	0	-3.91	-3.91
Inverter	MV23	340935	4682933	2	0	0	73.6	73.6	1	1631.93	3.25	125	75.25	0	4.49	0	0	0.67	0	0	0	0	0	0	-6.81	-6.81
Inverter	MV23	340935	4682933	2	0	0	82.6	82.6	1	1631.93	3.25	250	75.25	0	3.48	0	0	1.7	0	0	0	0	0	0	2.16	2.16
Inverter	MV23	340935	4682933	2	0	0	88.1	88.1	1	1631.93	3.25	500	75.25	0	-0.14	0	0	3.15	0	0	0	0	0	0	9.83	9.83
Inverter	MV23	340935	4682933	2	0	0	85.7	85.7	1	1631.93	3.25	1000	75.25	0	-1.6	0	0	5.97	0	0	0	0	0	0	6.07	6.07
Inverter	MV23	340935	4682933	2	0	0	90.6	90.6	1	1631.93	3.25	2000	75.25	0	-1.69	0	0	15.77	0	0	0	0	0	0	1.27	1.27
Inverter	MV23	340935	4682933	2	0	0	99	99	1	1631.93	3.25	4000	75.25	0	-1.69	0	0	53.48	0	0	0	0	0	0	-28.04	-28.04
Inverter	MV23	340935	4682933	2	0	0	86.3	86.3	1	1631.93	3.25	8000	75.25	0	-1.69	0	0	190.74	0	0	0	0	0	0	-178.01	-178.01
Inverter	MV21	340763	4682933	2	0	0	59.8	59.8	1	1716.88	3.25	32	75.69	0	-5.66	0	0	0.05	0	0	0	0	0	0	-10.29	-10.29
Inverter	MV21	340763	4682933	2	0	0	65.9	65.9	1	1716.88	3.25	63	75.69	0	-5.66	0	0	0.21	0	0	0	0	0	0	-4.34	-4.34
Inverter	MV21	340763	4682933	2	0	0	73.6	73.6	1	1716.88	3.25	125	75.69	0	4.48	0	0	0.71	0	0	0	0	0	0	-7.28	-7.28
Inverter	MV21	340763	4682933	2	0	0	82.6	82.6	1	1716.88	3.25	250	75.69	0	3.48	0	0	1.79	0	0	0	0	0	0	1.64	1.64
Inverter	MV21	340763	4682933	2	0	0	88.1	88.1	1	1716.88	3.25	500	75.69	0	-0.14	0	0	3.31	0	0	0	0	0	0	9.24	9.24
Inverter	MV21	340763	4682933	2	0	0	85.7	85.7	1	1716.88	3.25	1000	75.69	0	-1.6	0	0	6.28	0	0	0	0	0	0	5.33	5.33
Inverter	MV21	340763	4682933	2	0	0	90.6	90.6	1	1716.88	3.25	2000	75.69	0	-1.7	0	0	16.59	0	0	0	0	0	0	0.01	0.01
Inverter	MV21	340763	4682933	2	0	0	99	99	1	1716.88	3.25	4000	75.69	0	-1.7	0	0	56.26	0	0	0	0	0	0	-31.26	-31.26
Inverter	MV21	340763	4682933	2	0	0	86.3	86.3	1	1716.88	3.25	8000	75.69	0	-1.7	0	0	200.67	0	0	0	0	0	0	-188.37	-188.37
Inverter	MV19	340610	4682934	2	0	0	59.8	59.8	1	1802.1	3.25	32	76.12	0	-5.68	0	0	0.06	0	0	0	0	0	0	-10.7	-10.7
Inverter	MV19	340610	4682934	2	0	0	65.9	65.9	1	1802.1	3.25	63	76.12	0	-5.68	0	0	0.22	0	0	0	0	0	0	-4.76	-4.76
Inverter	MV19	340610	4682934	2	0	0	73.6	73.6	1	1802.1	3.25	125	76.12	0	4.48	0	0	0.74	0	0	0	0	0	0	-7.73	-7.73
Inverter	MV19	340610	4682934	2	0	0	82.6	82.6	1	1802.1	3.25	250	76.12	0	3.47	0	0	1.88	0	0	0	0	0	0	1.13	1.13
Inverter	MV19	340610	4682934	2	0	0	88.1	88.1	1	1802.1	3.25	500	76.12	0	-0.15	0	0	3.47	0	0	0	0	0	0	8.66	8.66
Inverter	MV19	340610	4682934	2	0	0	85.7	85.7	1	1802.1	3.25	1000	76.12	0	-1.61	0	0	6.59	0	0	0	0	0	0	4.6	4.6
Inverter	MV19	340610	4682934	2	0	0	90.6	90.6	1	1802.1	3.25	2000	76.12	0	-1.7	0	0	17.42	0	0	0	0	0	0	-1.23	-1.23
Inverter	MV19	340610	4682934	2	0	0	99	99	1	1802.1	3.25	4000	76.12	0	-1.7	0	0	59.06	0	0	0	0	0	0	-34.47	-34.47
Inverter	MV19	340610	4682934	2	0	0	86.3	86.3	1	1802.1	3.25	8000	76.12	0	-1.7	0	0	210.63	0	0	0	0	0	0	-198.75	-198.75
Inverter	MV18	340442	4682873	2	0	0	59.8	59.8	1	1953.19	3.25	32	76.81	0	-5.7	0	0	0.06	0	0	0	0	0	0	-11.38	-11.38
Inverter	MV18	340442	4682873	2	0	0	65.9	65.9	1	1953.19	3.25	63	76.81	0	-5.7	0	0	0.24	0	0	0	0	0	0	-5.45	-5.45
Inverter	MV18	340442	4682873	2	0	0	73.6	73.6	1	1953.19	3.25	125	76.81	0	4.47	0	0	0.8	0	0	0	0	0	0	-8.49	-8.49
Inverter	MV18	340442	4682873	2	0	0	82.6	82.6	1	1953.19	3.25	250	76.81	0	3.46	0	0	2.04	0	0	0	0	0	0	0.28	0.28
Inverter	MV18	340442	4682873	2	0	0	88.1	88.1	1	1953.19	3.25	500	76.81	0	-0.15	0	0	3.77	0	0	0	0	0	0	7.67	7.67
Inverter	MV18	340442	4682873	2	0	0	85.7	85.7	1	1953.19	3.25	1000	76.81	0	-1.61	0	0	7.14	0	0	0	0	0	0	3.36	3.36
Inverter	MV18	340442	4682873	2	0	0	90.6	90.6	1	1953.19	3.25	2000	76.81	0	-1.71	0	0	18.88	0	0	0	0	0	0	-3.38	-3.38
Inverter	MV18	340442	4682873	2	0	0	99	99	1	1953.19	3.25	4000	76.81	0	-1.71	0	0	64.01	0	0	0	0	0	0	-40.11	-40.11
Inverter	MV18	340442	4682873	2	0	0	86.3	86.3	1	1953.19	3.25	8000	76.81	0	-1.71	0	0	228.29	0	0	0	0	0	0	-217.1	-217.1
Inverter	MV17	340283	4682873	2	0	0	59.8	59.8	1	2057.34	3.25	32	77.27	0	-5.72	0	0	0.07	0	0	0	0	0	0	-11.82	-11.82
Inverter	MV17	340283	4682873	2	0	0	65.9	65.9	1	2057.34	3.25	63	77.27	0	-5.72	0	0	0.25	0	0	0	0	0	0	-5.9	-5.9
Inverter	MV17	340283	4682873	2	0	0	73.6	73.6	1	2057.34	3.25	125	77.27	0	4.46	0	0	0.85	0	0	0	0	0	0	-8.98	-8.98
Inverter	MV17	340283	4682873	2	0	0	82.6	82.6	1	2057.34	3.25	250	77.27	0	3.46	0	0	2.15	0	0	0	0	0	0	-0.27	-0.27
Inverter	MV17	340283	4682873	2	0	0	88.1	88.1	1	2057.34	3.25	500	77.27	0	-0.16	0	0	3.97	0	0	0	0	0	0	7.02	7.02
Inverter	MV17	340283	4682873	2	0	0	85.7	85.7	1	2057.34	3.25	1000	77.27	0	-1.62	0	0	7.53	0	0	0	0	0	0	2.53	2.53

Inverter	MV17	340283	4682873	2	0	0	90.6	90.6	1	2057.34	3.25	2000	77.27	0	-1.71	0	0	19.88	0	0	0	0	0	0	-4.83	-4.83
Inverter	MV17	340283	4682873	2	0	0	99	99	1	2057.34	3.25	4000	77.27	0	-1.71	0	0	67.42	0	0	0	0	0	0	-43.97	-43.97
Inverter	MV17	340283	4682873	2	0	0	86.3	86.3	1	2057.34	3.25	8000	77.27	0	-1.71	0	0	240.47	0	0	0	0	0	0	-229.72	-229.72
Inverter	MV16	340153	4682797	2	0	0	59.8	59.8	1	2201.73	3.25	32	77.86	0	-5.73	0	0	0.07	0	0	0	0	0	0	-12.39	-12.39
Inverter	MV16	340153	4682797	2	0	0	65.9	65.9	1	2201.73	3.25	63	77.86	0	-5.73	0	0	0.27	0	0	0	0	0	0	-6.49	-6.49
Inverter	MV16	340153	4682797	2	0	0	73.6	73.6	1	2201.73	3.25	125	77.86	0	4.46	0	0	0.9	0	0	0	0	0	0	-9.62	-9.62
Inverter	MV16	340153	4682797	2	0	0	82.6	82.6	1	2201.73	3.25	250	77.86	0	3.45	0	0	2.3	0	0	0	0	0	0	-1.01	-1.01
Inverter	MV16	340153	4682797	2	0	0	88.1	88.1	1	2201.73	3.25	500	77.86	0	-0.16	0	0	4.24	0	0	0	0	0	0	6.16	6.16
Inverter	MV16	340153	4682797	2	0	0	85.7	85.7	1	2201.73	3.25	1000	77.86	0	-1.62	0	0	8.05	0	0	0	0	0	0	1.42	1.42
Inverter	MV16	340153	4682797	2	0	0	90.6	90.6	1	2201.73	3.25	2000	77.86	0	-1.72	0	0	21.28	0	0	0	0	0	0	-6.81	-6.81
Inverter	MV16	340153	4682797	2	0	0	99	99	1	2201.73	3.25	4000	77.86	0	-1.72	0	0	72.15	0	0	0	0	0	0	-49.29	-49.29
Inverter	MV16	340153	4682797	2	0	0	86.3	86.3	1	2201.73	3.25	8000	77.86	0	-1.72	0	0	257.34	0	0	0	0	0	0	-247.18	-247.18
Inverter	MV15	339989	4682761	2	0	0	59.8	59.8	1	2343.04	3.25	32	78.4	0	-5.75	0	0	0.08	0	0	0	0	0	0	-12.92	-12.92
Inverter	MV15	339989	4682761	2	0	0	65.9	65.9	1	2343.04	3.25	63	78.4	0	-5.75	0	0	0.29	0	0	0	0	0	0	-7.03	-7.03
Inverter	MV15	339989	4682761	2	0	0	73.6	73.6	1	2343.04	3.25	125	78.4	0	4.45	0	0	0.96	0	0	0	0	0	0	-10.21	-10.21
Inverter	MV15	339989	4682761	2	0	0	82.6	82.6	1	2343.04	3.25	250	78.4	0	3.45	0	0	2.44	0	0	0	0	0	0	-1.69	-1.69
Inverter	MV15	339989	4682761	2	0	0	88.1	88.1	1	2343.04	3.25	500	78.4	0	-0.17	0	0	4.52	0	0	0	0	0	0	5.36	5.36
Inverter	MV15	339989	4682761	2	0	0	85.7	85.7	1	2343.04	3.25	1000	78.4	0	-1.63	0	0	8.57	0	0	0	0	0	0	0.36	0.36
Inverter	MV15	339989	4682761	2	0	0	90.6	90.6	1	2343.04	3.25	2000	78.4	0	-1.73	0	0	22.64	0	0	0	0	0	0	-8.71	-8.71
Inverter	MV15	339989	4682761	2	0	0	99	99	1	2343.04	3.25	4000	78.4	0	-1.73	0	0	76.78	0	0	0	0	0	0	-54.45	-54.45
Inverter	MV15	339989	4682761	2	0	0	86.3	86.3	1	2343.04	3.25	8000	78.4	0	-1.73	0	0	273.86	0	0	0	0	0	0	-264.23	-264.23
Inverter	MV13	340243	4682522	2	0	0	59.8	59.8	1	2351.96	3.25	32	78.43	0	-5.75	0	0	0.08	0	0	0	0	0	0	-12.95	-12.95
Inverter	MV13	340243	4682522	2	0	0	65.9	65.9	1	2351.96	3.25	63	78.43	0	-5.75	0	0	0.29	0	0	0	0	0	0	-7.06	-7.06
Inverter	MV13	340243	4682522	2	0	0	73.6	73.6	1	2351.96	3.25	125	78.43	0	4.45	0	0	0.97	0	0	0	0	0	0	-10.25	-10.25
Inverter	MV13	340243	4682522	2	0	0	82.6	82.6	1	2351.96	3.25	250	78.43	0	3.45	0	0	2.45	0	0	0	0	0	0	-1.73	-1.73
Inverter	MV13	340243	4682522	2	0	0	88.1	88.1	1	2351.96	3.25	500	78.43	0	-0.17	0	0	4.53	0	0	0	0	0	0	5.31	5.31
Inverter	MV13	340243	4682522	2	0	0	85.7	85.7	1	2351.96	3.25	1000	78.43	0	-1.63	0	0	8.6	0	0	0	0	0	0	0.3	0.3
Inverter	MV13	340243	4682522	2	0	0	90.6	90.6	1	2351.96	3.25	2000	78.43	0	-1.73	0	0	22.73	0	0	0	0	0	0	-8.83	-8.83
Inverter	MV13	340243	4682522	2	0	0	99	99	1	2351.96	3.25	4000	78.43	0	-1.73	0	0	77.07	0	0	0	0	0	0	-54.78	-54.78
Inverter	MV13	340243	4682522	2	0	0	86.3	86.3	1	2351.96	3.25	8000	78.43	0	-1.73	0	0	274.9	0	0	0	0	0	0	-265.31	-265.31
Inverter	MV14	340322	4682335	2	0	0	59.8	59.8	1	2458.46	3.25	32	78.81	0	-5.76	0	0	0.08	0	0	0	0	0	0	-13.33	-13.33
Inverter	MV14	340322	4682335	2	0	0	65.9	65.9	1	2458.46	3.25	63	78.81	0	-5.76	0	0	0.3	0	0	0	0	0	0	-7.45	-7.45
Inverter	MV14	340322	4682335	2	0	0	73.6	73.6	1	2458.46	3.25	125	78.81	0	4.45	0	0	1.01	0	0	0	0	0	0	-10.67	-10.67
Inverter	MV14	340322	4682335	2	0	0	82.6	82.6	1	2458.46	3.25	250	78.81	0	3.44	0	0	2.57	0	0	0	0	0	0	-2.22	-2.22
Inverter	MV14	340322	4682335	2	0	0	88.1	88.1	1	2458.46	3.25	500	78.81	0	-0.17	0	0	4.74	0	0	0	0	0	0	4.72	4.72
Inverter	MV14	340322	4682335	2	0	0	85.7	85.7	1	2458.46	3.25	1000	78.81	0	-1.63	0	0	8.99	0	0	0	0	0	0	-0.47	-0.47
Inverter	MV14	340322	4682335	2	0	0	90.6	90.6	1	2458.46	3.25	2000	78.81	0	-1.73	0	0	23.76	0	0	0	0	0	0	-10.24	-10.24
Inverter	MV14	340322	4682335	2	0	0	99	99	1	2458.46	3.25	4000	78.81	0	-1.73	0	0	80.56	0	0	0	0	0	0	-58.65	-58.65
Inverter	MV14	340322	4682335	2	0	0	86.3	86.3	1	2458.46	3.25	8000	78.81	0	-1.73	0	0	287.35	0	0	0	0	0	0	-278.13	-278.13
Inverter	MV10	340074	4682522	2	0	0	59.8	59.8	1	2458.58	3.25	32	78.81	0	-5.76	0	0	0.08	0	0	0	0	0	0	-13.33	-13.33
Inverter	MV10	340074	4682522	2	0	0	65.9	65.9	1	2458.58	3.25	63	78.81	0	-5.76	0	0	0.3	0	0	0	0	0	0	-7.45	-7.45
Inverter	MV10	340074	4682522	2	0	0	73.6	73.6	1	2458.58	3.25	125	78.81	0	4.45	0	0	1.01	0	0	0	0	0	0	-10.68	-10.68
Inverter	MV10	340074	4682522	2	0	0	82.6	82.6	1	2458.58	3.25	250	78.81	0	3.44	0	0	2.57	0	0	0	0	0	0	-2.22	-2.22
Inverter	MV10	340074	4682522	2	0	0	88.1	88.1	1	2458.58	3.25	500	78.81	0	-0.17	0	0	4.74	0	0	0	0	0	0	4.72	4.72
Inverter	MV10	340074	4682522	2	0	0	85.7	85.7	1	2458.58	3.25	1000	78.81	0	-1.63	0	0	8.99	0	0	0	0	0	0	-0.47	-0.47
Inverter	MV10	340074	4682522	2	0	0	90.6	90.6	1	2458.58	3.25	2000	78.81	0	-1.73	0	0	23.76	0	0	0	0	0	0	-10.24	-10.24
Inverter	MV10	340074	4682522	2	0	0	99	99	1	2458.58	3.25	4000	78.81	0	-1.73	0	0	80.57	0	0	0	0	0	0	-58.65	-58.65
Inverter	MV10	340074	4682522	2	0	0	86.3	86.3	1	2458.58	3.25	8000	78.81	0	-1.73	0	0	287.36	0	0	0	0	0	0	-278.15	-278.15
Inverter	MV11	340156	4682335	2	0	0	59.8	59.8	1	2553.65	3.25	32	79.14	0	-5.77	0	0	0.08	0	0	0	0	0	0	-13.65	-13.65
Inverter	MV11	340156	4682335	2	0	0	65.9	65.9	1	2553.65	3.25	63	79.14	0	-5.77	0	0	0.31	0	0	0	0	0	0	-7.78	-7.78
Inverter	MV11	340156	4682335	2	0	0	73.6	73.6	1	2553.65	3.25	125	79.14	0	4.45	0	0	1.05	0	0	0	0	0	0	-11.04	-11.04
Inverter	MV11	340156	4682335	2	0	0	82.6	82.6	1	2553.65	3.25	250	79.14	0	3.44	0	0	2.66	0	0	0	0	0	0	-2.65	-2.65
Inverter	MV11	340156	4682335	2	0	0	88.1	88.1	1	2553.65	3.25	500	79.14	0	-0.17	0	0	4.92	0	0	0	0	0	0	4.21	4.21
Inverter	MV11	340156	4682335	2	0	0	85.7	85.7	1	2553.65	3.25	1000	79.14	0	-1.64	0	0	9.34	0	0	0	0	0	0	-1.15	-1.15
Inverter	MV11	340156	4682335	2	0	0	90.6	90.6	1	2553.65	3.25	2000	79.14	0	-1.73	0	0	24.68	0	0	0	0	0	0	-11.49	-11.49
Inverter	MV11	340156	4682335	2	0	0	99	99	1	2553.65	3.25	4000	79.14	0	-1.73	0	0	83.68	0	0	0	0	0	0	-62.1	-62.1
Inverter	MV11	340156	4682335	2	0	0	86.3	86.3	1	2553.65	3.25	8000	79.14	0	-1.73	0	0	298.48	0	0	0	0	0	0	-289.59	-289.59
Inverter	MV07	339932	4682452	2	0	0	59.8	59.8	1	2604.95	3.25	32	79.32	0	-5.78	0	0	0.08	0	0	0	0	0	0	-13.82	-13.82
Inverter	MV07	339932	4682452	2	0	0	65.9	65.9	1	2604.95	3.25	63	79.32	0	-5.78	0	0	0.32	0	0	0	0	0	0	-7.96	-7.96
Inverter	MV07	339932	4682452	2	0	0	73.6	73.6	1	2604.95	3.25	125	79.32	0	4.45	0	0	1.07	0	0	0	0	0	0	-11.23	-11.23
Inverter	MV07	339932	4682452	2	0	0	82.6	82.6	1	2604.95	3.25	250	79.32	0	3.44	0	0	2.72	0	0	0	0	0	0	-2.87	-2.87
Inverter	MV07	339932	4682452	2	0	0	88.1	88.1	1	2604.95	3.25	500	79.32	0	-0.18	0	0	5.02	0	0	0	0	0	0	3.94	3.94
Inverter	MV07	339932	4682452	2	0	0	85.7	85.7	1	2604.95	3.25	1000	79.32	0	-1.64	0	0	9.53	0	0	0	0	0	0	-1.51	-1.51
Inverter	MV07	339932	4682452	2	0	0	90.6	90.6	1	2604.95	3.25	2000	79.32	0	-1.73	0	0	25.17	0	0	0	0	0	0	-12.16	-12.16
Inverter	MV07	339932	4682452	2	0	0	99	99	1	2604.95	3.25	4000	79.32	0	-1.73	0	0	85.36	0	0	0	0	0	0	-63.95	-63.95
Inverter	MV07	339932	4682452	2	0	0	86.3	86.3	1	2604.95	3.25	8000	79.32	0	-1.73	0	0	304.47	0	0	0	0	0	0	-295.76	-295.76
Inverter	MV12	340238	4682172	2	0	0	59.8	59.8	1	2640.85	3.25	32	79.43	0	-5.78	0	0	0.08	0	0	0	0	0	0	-13.94	-13.94
Inverter	MV12	340238	4682172	2	0	0	65.9	65.9	1	2640.85	3.25	63	79.43	0	-5.78	0	0	0.32	0	0	0	0	0	0	-8.08	-8.08
Inverter	MV12	340238	4682172	2	0	0	73.6	73.6	1	2640.85	3.25	125	79.43	0	4.45	0	0	1.09	0	0	0	0	0	0	-11.37	-11.37
Inverter	MV12	340238	4682172	2	0	0	82.6	82.6	1	2640.85	3.25	250	79.43	0	3.44	0	0	2.76	0	0	0	0	0	0	-3.03	-3.03
Inverter	MV12	340238	4682172	2	0	0	88.1	88.1	1	2640.85	3.25	500	79.43	0	-0.18	0	0	5.09	0	0	0	0	0	0	3.75	3.75
Inverter	MV12	340238	4682172	2	0	0	85.7	85.7	1	2640.85	3.25	1000	79.43	0	-1.64	0	0	9.66	0	0	0	0	0	0	-1.76	-1.76
Inverter	MV12	340238	4682172	2	0	0	90.6	90.6	1	2640.85	3.25	2000	79.43	0	-1.73	0	0	25.52	0	0	0	0	0	0	-12.62	-12.62
Inverter	MV12	340238	4682172	2	0	0	99	99	1	2640.85	3.25	4000	79.43	0	-1.73	0	0	86.54	0	0	0	0	0	0	-65.24	-65.24

Inverter	MV12	340238	4682172	2	0	0	86.3	86.3	1	2640.85	3.25	8000	79.43	0	-1.73	0	0	308.67	0	0	0	0	0	0	-300.07	-300.07
Inverter	MV08	340016	4682259	2	0	0	59.8	59.8	1	2698.89	3.25	32	79.62	0	-5.78	0	0	0.09	0	0	0	0	0	0	-14.13	-14.13
Inverter	MV08	340016	4682259	2	0	0	65.9	65.9	1	2698.89	3.25	63	79.62	0	-5.78	0	0	0.33	0	0	0	0	0	0	-8.27	-8.27
Inverter	MV08	340016	4682259	2	0	0	73.6	73.6	1	2698.89	3.25	125	79.62	0	4.44	0	0	1.11	0	0	0	0	0	0	-11.58	-11.58
Inverter	MV08	340016	4682259	2	0	0	82.6	82.6	1	2698.89	3.25	250	79.62	0	3.44	0	0	2.82	0	0	0	0	0	0	-3.28	-3.28
Inverter	MV08	340016	4682259	2	0	0	88.1	88.1	1	2698.89	3.25	500	79.62	0	-0.18	0	0	5.2	0	0	0	0	0	0	3.45	3.45
Inverter	MV08	340016	4682259	2	0	0	85.7	85.7	1	2698.89	3.25	1000	79.62	0	-1.64	0	0	9.87	0	0	0	0	0	0	-2.16	-2.16
Inverter	MV08	340016	4682259	2	0	0	90.6	90.6	1	2698.89	3.25	2000	79.62	0	-1.73	0	0	26.08	0	0	0	0	0	0	-13.37	-13.37
Inverter	MV08	340016	4682259	2	0	0	99	99	1	2698.89	3.25	4000	79.62	0	-1.73	0	0	88.44	0	0	0	0	0	0	-67.33	-67.33
Inverter	MV08	340016	4682259	2	0	0	86.3	86.3	1	2698.89	3.25	8000	79.62	0	-1.73	0	0	315.45	0	0	0	0	0	0	-307.04	-307.04
Inverter	MV09	340096	4682080	2	0	0	59.8	59.8	1	2796.19	3.25	32	79.93	0	-5.79	0	0	0.09	0	0	0	0	0	0	-14.43	-14.43
Inverter	MV09	340096	4682080	2	0	0	65.9	65.9	1	2796.19	3.25	63	79.93	0	-5.79	0	0	0.34	0	0	0	0	0	0	-8.58	-8.58
Inverter	MV09	340096	4682080	2	0	0	73.6	73.6	1	2796.19	3.25	125	79.93	0	4.44	0	0	1.15	0	0	0	0	0	0	-11.92	-11.92
Inverter	MV09	340096	4682080	2	0	0	82.6	82.6	1	2796.19	3.25	250	79.93	0	3.44	0	0	2.92	0	0	0	0	0	0	-3.68	-3.68
Inverter	MV09	340096	4682080	2	0	0	88.1	88.1	1	2796.19	3.25	500	79.93	0	-0.18	0	0	5.39	0	0	0	0	0	0	2.96	2.96
Inverter	MV09	340096	4682080	2	0	0	85.7	85.7	1	2796.19	3.25	1000	79.93	0	-1.64	0	0	10.23	0	0	0	0	0	0	-2.82	-2.82
Inverter	MV09	340096	4682080	2	0	0	90.6	90.6	1	2796.19	3.25	2000	79.93	0	-1.74	0	0	27.02	0	0	0	0	0	0	-14.62	-14.62
Inverter	MV09	340096	4682080	2	0	0	99	99	1	2796.19	3.25	4000	79.93	0	-1.74	0	0	91.63	0	0	0	0	0	0	-70.83	-70.83
Inverter	MV09	340096	4682080	2	0	0	86.3	86.3	1	2796.19	3.25	8000	79.93	0	-1.74	0	0	326.82	0	0	0	0	0	0	-318.72	-318.72
Inverter	MV05	339850	4682258	2	0	0	59.8	59.8	1	2804.8	3.25	32	79.96	0	-5.79	0	0	0.09	0	0	0	0	0	0	-14.46	-14.46
Inverter	MV05	339850	4682258	2	0	0	65.9	65.9	1	2804.8	3.25	63	79.96	0	-5.79	0	0	0.34	0	0	0	0	0	0	-8.61	-8.61
Inverter	MV05	339850	4682258	2	0	0	73.6	73.6	1	2804.8	3.25	125	79.96	0	4.44	0	0	1.15	0	0	0	0	0	0	-11.95	-11.95
Inverter	MV05	339850	4682258	2	0	0	82.6	82.6	1	2804.8	3.25	250	79.96	0	3.44	0	0	2.93	0	0	0	0	0	0	-3.72	-3.72
Inverter	MV05	339850	4682258	2	0	0	88.1	88.1	1	2804.8	3.25	500	79.96	0	-0.18	0	0	5.41	0	0	0	0	0	0	2.91	2.91
Inverter	MV05	339850	4682258	2	0	0	85.7	85.7	1	2804.8	3.25	1000	79.96	0	-1.64	0	0	10.26	0	0	0	0	0	0	-2.88	-2.88
Inverter	MV05	339850	4682258	2	0	0	90.6	90.6	1	2804.8	3.25	2000	79.96	0	-1.74	0	0	27.11	0	0	0	0	0	0	-14.73	-14.73
Inverter	MV05	339850	4682258	2	0	0	99	99	1	2804.8	3.25	4000	79.96	0	-1.74	0	0	91.91	0	0	0	0	0	0	-71.13	-71.13
Inverter	MV05	339850	4682258	2	0	0	86.3	86.3	1	2804.8	3.25	8000	79.96	0	-1.74	0	0	327.83	0	0	0	0	0	0	-319.75	-319.75
Inverter	MV06	339932	4682080	2	0	0	59.8	59.8	1	2892.02	3.25	32	80.22	0	-5.8	0	0	0.09	0	0	0	0	0	0	-14.72	-14.72
Inverter	MV06	339932	4682080	2	0	0	65.9	65.9	1	2892.02	3.25	63	80.22	0	-5.8	0	0	0.35	0	0	0	0	0	0	-8.88	-8.88
Inverter	MV06	339932	4682080	2	0	0	73.6	73.6	1	2892.02	3.25	125	80.22	0	4.44	0	0	1.19	0	0	0	0	0	0	-12.25	-12.25
Inverter	MV06	339932	4682080	2	0	0	82.6	82.6	1	2892.02	3.25	250	80.22	0	3.43	0	0	3.02	0	0	0	0	0	0	-4.08	-4.08
Inverter	MV06	339932	4682080	2	0	0	88.1	88.1	1	2892.02	3.25	500	80.22	0	-0.18	0	0	5.58	0	0	0	0	0	0	2.48	2.48
Inverter	MV06	339932	4682080	2	0	0	85.7	85.7	1	2892.02	3.25	1000	80.22	0	-1.64	0	0	10.58	0	0	0	0	0	0	-3.46	-3.46
Inverter	MV06	339932	4682080	2	0	0	90.6	90.6	1	2892.02	3.25	2000	80.22	0	-1.74	0	0	27.95	0	0	0	0	0	0	-15.83	-15.83
Inverter	MV06	339932	4682080	2	0	0	99	99	1	2892.02	3.25	4000	80.22	0	-1.74	0	0	94.77	0	0	0	0	0	0	-74.26	-74.26
Inverter	MV06	339932	4682080	2	0	0	86.3	86.3	1	2892.02	3.25	8000	80.22	0	-1.74	0	0	338.03	0	0	0	0	0	0	-330.21	-330.21
Inverter	MV02	339697	4682250	2	0	0	59.8	59.8	1	2912.6	3.25	32	80.29	0	-5.8	0	0	0.09	0	0	0	0	0	0	-14.78	-14.78
Inverter	MV02	339697	4682250	2	0	0	65.9	65.9	1	2912.6	3.25	63	80.29	0	-5.8	0	0	0.35	0	0	0	0	0	0	-8.94	-8.94
Inverter	MV02	339697	4682250	2	0	0	73.6	73.6	1	2912.6	3.25	125	80.29	0	4.44	0	0	1.2	0	0	0	0	0	0	-12.32	-12.32
Inverter	MV02	339697	4682250	2	0	0	82.6	82.6	1	2912.6	3.25	250	80.29	0	3.43	0	0	3.04	0	0	0	0	0	0	-4.16	-4.16
Inverter	MV02	339697	4682250	2	0	0	88.1	88.1	1	2912.6	3.25	500	80.29	0	-0.18	0	0	5.62	0	0	0	0	0	0	2.38	2.38
Inverter	MV02	339697	4682250	2	0	0	85.7	85.7	1	2912.6	3.25	1000	80.29	0	-1.64	0	0	10.65	0	0	0	0	0	0	-3.59	-3.59
Inverter	MV02	339697	4682250	2	0	0	90.6	90.6	1	2912.6	3.25	2000	80.29	0	-1.74	0	0	28.15	0	0	0	0	0	0	-16.09	-16.09
Inverter	MV02	339697	4682250	2	0	0	99	99	1	2912.6	3.25	4000	80.29	0	-1.74	0	0	95.45	0	0	0	0	0	0	-74.99	-74.99
Inverter	MV02	339697	4682250	2	0	0	86.3	86.3	1	2912.6	3.25	8000	80.29	0	-1.74	0	0	340.43	0	0	0	0	0	0	-332.68	-332.68
Inverter	MV03	339750	4682078	2	0	0	59.8	59.8	1	3006.82	3.25	32	80.56	0	-5.81	0	0	0.1	0	0	0	0	0	0	-15.05	-15.05
Inverter	MV03	339750	4682078	2	0	0	65.9	65.9	1	3006.82	3.25	63	80.56	0	-5.81	0	0	0.37	0	0	0	0	0	0	-9.22	-9.22
Inverter	MV03	339750	4682078	2	0	0	73.6	73.6	1	3006.82	3.25	125	80.56	0	4.44	0	0	1.24	0	0	0	0	0	0	-12.64	-12.64
Inverter	MV03	339750	4682078	2	0	0	82.6	82.6	1	3006.82	3.25	250	80.56	0	3.43	0	0	3.14	0	0	0	0	0	0	-4.53	-4.53
Inverter	MV03	339750	4682078	2	0	0	88.1	88.1	1	3006.82	3.25	500	80.56	0	-0.18	0	0	5.8	0	0	0	0	0	0	1.93	1.93
Inverter	MV03	339750	4682078	2	0	0	85.7	85.7	1	3006.82	3.25	1000	80.56	0	-1.65	0	0	11	0	0	0	0	0	0	-4.21	-4.21
Inverter	MV03	339750	4682078	2	0	0	90.6	90.6	1	3006.82	3.25	2000	80.56	0	-1.74	0	0	29.06	0	0	0	0	0	0	-17.28	-17.28
Inverter	MV03	339750	4682078	2	0	0	99	99	1	3006.82	3.25	4000	80.56	0	-1.74	0	0	98.53	0	0	0	0	0	0	-78.35	-78.35
Inverter	MV03	339750	4682078	2	0	0	86.3	86.3	1	3006.82	3.25	8000	80.56	0	-1.74	0	0	351.44	0	0	0	0	0	0	-343.96	-343.96
Inverter	MV01	339515	4682250	2	0	0	59.8	59.8	1	3039.19	3.25	32	80.66	0	-5.81	0	0	0.1	0	0	0	0	0	0	-15.14	-15.14
Inverter	MV01	339515	4682250	2	0	0	65.9	65.9	1	3039.19	3.25	63	80.66	0	-5.81	0	0	0.37	0	0	0	0	0	0	-9.32	-9.32
Inverter	MV01	339515	4682250	2	0	0	73.6	73.6	1	3039.19	3.25	125	80.66	0	4.44	0	0	1.25	0	0	0	0	0	0	-12.74	-12.74
Inverter	MV01	339515	4682250	2	0	0	82.6	82.6	1	3039.19	3.25	250	80.66	0	3.43	0	0	3.17	0	0	0	0	0	0	-4.66	-4.66
Inverter	MV01	339515	4682250	2	0	0	88.1	88.1	1	3039.19	3.25	500	80.66	0	-0.18	0	0	5.86	0	0	0	0	0	0	1.77	1.77
Inverter	MV01	339515	4682250	2	0	0	85.7	85.7	1	3039.19	3.25	1000	80.66	0	-1.65	0	0	11.12	0	0	0	0	0	0	-4.42	-4.42
Inverter	MV01	339515	4682250	2	0	0	90.6	90.6	1	3039.19	3.25	2000	80.66	0	-1.74	0	0	29.37	0	0	0	0	0	0	-17.68	-17.68
Inverter	MV01	339515	4682250	2	0	0	99	99	1	3039.19	3.25	4000	80.66	0	-1.74	0	0	99.59	0	0	0	0	0	0	-79.51	-79.51
Inverter	MV01	339515	4682250	2	0	0	86.3	86.3	1	3039.19	3.25	8000	80.66	0	-1.74	0	0	355.23	0	0	0	0	0	0	-347.84	-347.84
Inverter	MV04	339798	4681902	2	0	0	59.8	59.8	1	3114.82	3.25	32	80.87	0	-5.81	0	0	0.1	0	0	0	0	0	0	-15.36	-15.36
Inverter	MV04	339798	4681902	2	0	0	65.9	65.9	1	3114.82	3.25	63	80.87	0	-5.81	0	0	0.38	0	0	0	0	0	0	-9.54	-9.54
Inverter	MV04	339798	4681902	2	0	0	73.6	73.6	1	3114.82	3.25	125	80.87	0	4.44	0	0	1.28	0	0	0	0	0	0	-12.98	-12.98
Inverter	MV04	339798	4681902	2	0	0	82.6	82.6	1	3114.82	3.25	250	80.87	0	3.43	0	0	3.25	0	0	0	0	0	0	-4.95	-4.95
Inverter	MV04	339798	4681902	2	0	0	88.1	88.1	1	3114.82	3.25	500	80.87	0	-0.19	0	0	6	0	0	0	0	0	0	1.41	1.41
Inverter	MV04	339798	4681902	2	0	0	85.7	85.7	1	3114.82	3.25	1000	80.87	0	-1.65	0	0	11.39	0	0	0	0	0	0	-4.91	-4.91
Inverter	MV04	339798	4681902	2	0	0	90.6	90.6	1	3114.82	3.25	2000	80.87	0	-1.74	0	0	30.1	0	0	0	0	0	0	-18.63	-18.63
Inverter	MV04	339798	4681902	2	0	0	99	99	1	3114.82	3.25	4000	80.87	0	-1.74	0	0	102.07	0	0	0	0	0	0	-82.2	-82.2
Inverter	MV04	339798	4681902	2	0	0	86.3	86.3	1	3114.82	3.25	8000	80.87	0	-1.74	0	0	364.07	0	0	0	0	0	0	-356.89	-356.89
Inverter Transformer	MV29T	341282	4683339	2	0	0	48.3	48.3	1	1119.62	3.25	32	71.98	0	-5.48	0	0	0.04	0	0	0	0	0	0	-18.24	-18.24

Inverter Transformer	MV29T	341282	4683339	2	0	0	67.5	67.5	1	1119.62	3.25	63	71.98	0	-5.48	0	0	0.14	0	0	0	0	0	0	0.86	0.86
Inverter Transformer	MV29T	341282	4683339	2	0	0	79.6	79.6	1	1119.62	3.25	125	71.98	0	4.43	0	0	0.46	0	0	0	0	0	0	2.72	2.72
Inverter Transformer	MV29T	341282	4683339	2	0	0	82.1	82.1	1	1119.62	3.25	250	71.98	0	3.53	0	0	1.17	0	0	0	0	0	0	5.42	5.42
Inverter Transformer	MV29T	341282	4683339	2	0	0	87.5	87.5	1	1119.62	3.25	500	71.98	0	-0.09	0	0	2.16	0	0	0	0	0	0	13.45	13.45
Inverter Transformer	MV29T	341282	4683339	2	0	0	84.7	84.7	1	1119.62	3.25	1000	71.98	0	-1.55	0	0	4.1	0	0	0	0	0	0	10.17	10.17
Inverter Transformer	MV29T	341282	4683339	2	0	0	80.9	80.9	1	1119.62	3.25	2000	71.98	0	-1.64	0	0	10.82	0	0	0	0	0	0	-0.26	-0.26
Inverter Transformer	MV29T	341282	4683339	2	0	0	75.7	75.7	1	1119.62	3.25	4000	71.98	0	-1.64	0	0	36.69	0	0	0	0	0	0	-31.33	-31.33
Inverter Transformer	MV29T	341282	4683339	2	0	0	66.6	66.6	1	1119.62	3.25	8000	71.98	0	-1.64	0	0	130.86	0	0	0	0	0	0	-134.6	-134.6
Inverter Transformer	MV27T	341143	4683279	2	0	0	48.3	48.3	1	1229.54	3.25	32	72.79	0	-5.52	0	0	0.04	0	0	0	0	0	0	-19.01	-19.01
Inverter Transformer	MV27T	341143	4683279	2	0	0	67.5	67.5	1	1229.54	3.25	63	72.79	0	-5.52	0	0	0.15	0	0	0	0	0	0	0.08	0.08
Inverter Transformer	MV27T	341143	4683279	2	0	0	79.6	79.6	1	1229.54	3.25	125	72.79	0	4.47	0	0	0.51	0	0	0	0	0	0	1.83	1.83
Inverter Transformer	MV27T	341143	4683279	2	0	0	82.1	82.1	1	1229.54	3.25	250	72.79	0	3.52	0	0	1.28	0	0	0	0	0	0	4.51	4.51
Inverter Transformer	MV27T	341143	4683279	2	0	0	87.5	87.5	1	1229.54	3.25	500	72.79	0	-0.1	0	0	2.37	0	0	0	0	0	0	12.43	12.43
Inverter Transformer	MV27T	341143	4683279	2	0	0	84.7	84.7	1	1229.54	3.25	1000	72.79	0	-1.56	0	0	4.5	0	0	0	0	0	0	8.97	8.97
Inverter Transformer	MV27T	341143	4683279	2	0	0	80.9	80.9	1	1229.54	3.25	2000	72.79	0	-1.66	0	0	11.88	0	0	0	0	0	0	-2.12	-2.12
Inverter Transformer	MV27T	341143	4683279	2	0	0	75.7	75.7	1	1229.54	3.25	4000	72.79	0	-1.66	0	0	40.29	0	0	0	0	0	0	-35.73	-35.73
Inverter Transformer	MV27T	341143	4683279	2	0	0	66.6	66.6	1	1229.54	3.25	8000	72.79	0	-1.66	0	0	143.71	0	0	0	0	0	0	-148.25	-148.25
Inverter Transformer	MV30T	341353	4683177	2	0	0	48.3	48.3	1	1252.37	3.25	32	72.95	0	-5.53	0	0	0.04	0	0	0	0	0	0	-19.16	-19.16
Inverter Transformer	MV30T	341353	4683177	2	0	0	67.5	67.5	1	1252.37	3.25	63	72.95	0	-5.53	0	0	0.15	0	0	0	0	0	0	-0.07	-0.07
Inverter Transformer	MV30T	341353	4683177	2	0	0	79.6	79.6	1	1252.37	3.25	125	72.95	0	4.48	0	0	0.51	0	0	0	0	0	0	1.65	1.65
Inverter Transformer	MV30T	341353	4683177	2	0	0	82.1	82.1	1	1252.37	3.25	250	72.95	0	3.51	0	0	1.31	0	0	0	0	0	0	4.33	4.33
Inverter Transformer	MV30T	341353	4683177	2	0	0	87.5	87.5	1	1252.37	3.25	500	72.95	0	-0.1	0	0	2.41	0	0	0	0	0	0	12.23	12.23
Inverter Transformer	MV30T	341353	4683177	2	0	0	84.7	84.7	1	1252.37	3.25	1000	72.95	0	-1.56	0	0	4.58	0	0	0	0	0	0	8.73	8.73
Inverter Transformer	MV30T	341353	4683177	2	0	0	80.9	80.9	1	1252.37	3.25	2000	72.95	0	-1.66	0	0	12.1	0	0	0	0	0	0	-2.5	-2.5
Inverter Transformer	MV30T	341353	4683177	2	0	0	75.7	75.7	1	1252.37	3.25	4000	72.95	0	-1.66	0	0	41.04	0	0	0	0	0	0	-36.64	-36.64
Inverter Transformer	MV30T	341353	4683177	2	0	0	66.6	66.6	1	1252.37	3.25	8000	72.95	0	-1.66	0	0	146.38	0	0	0	0	0	0	-151.07	-151.07
Inverter Transformer	MV24T	340962	4683245	2	0	0	48.3	48.3	1	1346.84	3.25	32	73.59	0	-5.57	0	0	0.04	0	0	0	0	0	0	-19.76	-19.76
Inverter Transformer	MV24T	340962	4683245	2	0	0	67.5	67.5	1	1346.84	3.25	63	73.59	0	-5.57	0	0	0.16	0	0	0	0	0	0	-0.68	-0.68
Inverter Transformer	MV24T	340962	4683245	2	0	0	79.6	79.6	1	1346.84	3.25	125	73.59	0	4.49	0	0	0.55	0	0	0	0	0	0	0.97	0.97
Inverter Transformer	MV24T	340962	4683245	2	0	0	82.1	82.1	1	1346.84	3.25	250	73.59	0	3.5	0	0	1.41	0	0	0	0	0	0	3.61	3.61
Inverter Transformer	MV24T	340962	4683245	2	0	0	87.5	87.5	1	1346.84	3.25	500	73.59	0	-0.11	0	0	2.6	0	0	0	0	0	0	11.43	11.43
Inverter Transformer	MV24T	340962	4683245	2	0	0	84.7	84.7	1	1346.84	3.25	1000	73.59	0	-1.57	0	0	4.93	0	0	0	0	0	0	7.76	7.76
Inverter Transformer	MV24T	340962	4683245	2	0	0	80.9	80.9	1	1346.84	3.25	2000	73.59	0	-1.67	0	0	13.02	0	0	0	0	0	0	-4.03	-4.03
Inverter Transformer	MV24T	340962	4683245	2	0	0	75.7	75.7	1	1346.84	3.25	4000	73.59	0	-1.67	0	0	44.14	0	0	0	0	0	0	-40.35	-40.35
Inverter Transformer	MV24T	340962	4683245	2	0	0	66.6	66.6	1	1346.84	3.25	8000	73.59	0	-1.67	0	0	157.42	0	0	0	0	0	0	-162.74	-162.74
Inverter Transformer	MV28T	341221	4683101	2	0	0	48.3	48.3	1	1364.12	3.25	32	73.7	0	-5.57	0	0	0.04	0	0	0	0	0	0	-19.87	-19.87
Inverter Transformer	MV28T	341221	4683101	2	0	0	67.5	67.5	1	1364.12	3.25	63	73.7	0	-5.57	0	0	0.17	0	0	0	0	0	0	-0.79	-0.79
Inverter Transformer	MV28T	341221	4683101	2	0	0	79.6	79.6	1	1364.12	3.25	125	73.7	0	4.49	0	0	0.56	0	0	0	0	0	0	0.85	0.85
Inverter Transformer	MV28T	341221	4683101	2	0	0	82.1	82.1	1	1364.12	3.25	250	73.7	0	3.5	0	0	1.42	0	0	0	0	0	0	3.48	3.48
Inverter Transformer	MV28T	341221	4683101	2	0	0	87.5	87.5	1	1364.12	3.25	500	73.7	0	-0.11	0	0	2.63	0	0	0	0	0	0	11.29	11.29
Inverter Transformer	MV28T	341221	4683101	2	0	0	84.7	84.7	1	1364.12	3.25	1000	73.7	0	-1.58	0	0	4.99	0	0	0	0	0	0	7.59	7.59
Inverter Transformer	MV28T	341221	4683101	2	0	0	80.9	80.9	1	1364.12	3.25	2000	73.7	0	-1.67	0	0	13.18	0	0	0	0	0	0	-4.31	-4.31
Inverter Transformer	MV28T	341221	4683101	2	0	0	75.7	75.7	1	1364.12	3.25	4000	73.7	0	-1.67	0	0	44.7	0	0	0	0	0	0	-41.03	-41.03
Inverter Transformer	MV28T	341221	4683101	2	0	0	66.6	66.6	1	1364.12	3.25	8000	73.7	0	-1.67	0	0	159.44	0	0	0	0	0	0	-164.87	-164.87
Inverter Transformer	MV25T	341032	4683084	2	0	0	48.3	48.3	1	1453.46	3.25	32	74.25	0	-5.6	0	0	0.05	0	0	0	0	0	0	-20.4	-20.4
Inverter Transformer	MV25T	341032	4683084	2	0	0	67.5	67.5	1	1453.46	3.25	63	74.25	0	-5.6	0	0	0.18	0	0	0	0	0	0	-1.33	-1.33
Inverter Transformer	MV25T	341032	4683084	2	0	0	79.6	79.6	1	1453.46	3.25	125	74.25	0	4.49	0	0	0.6	0	0	0	0	0	0	0.26	0.26
Inverter Transformer	MV25T	341032	4683084	2	0	0	82.1	82.1	1	1453.46	3.25	250	74.25	0	3.49	0	0	1.52	0	0	0	0	0	0	2.84	2.84
Inverter Transformer	MV25T	341032	4683084	2	0	0	87.5	87.5	1	1453.46	3.25	500	74.25	0	-0.12	0	0	2.8	0	0	0	0	0	0	10.57	10.57
Inverter Transformer	MV25T	341032	4683084	2	0	0	84.7	84.7	1	1453.46	3.25	1000	74.25	0	-1.58	0	0	5.32	0	0	0	0	0	0	6.72	6.72
Inverter Transformer	MV25T	341032	4683084	2	0	0	80.9	80.9	1	1453.46	3.25	2000	74.25	0	-1.68	0	0	14.05	0	0	0	0	0	0	-5.71	-5.71
Inverter Transformer	MV25T	341032	4683084	2	0	0	75.7	75.7	1	1453.46	3.25	4000	74.25	0	-1.68	0	0	47.63	0	0	0	0	0	0	-44.5	-44.5
Inverter Transformer	MV25T	341032	4683084	2	0	0	66.6	66.6	1	1453.46	3.25	8000	74.25	0	-1.68	0	0	169.88	0	0	0	0	0	0	-175.85	-175.85
Inverter Transformer	MV22T	340854	4683134	2	0	0	48.3	48.3	1	1498.57	3.25	32	74.51	0	-5.61	0	0	0.05	0	0	0	0	0	0	-20.65	-20.65
Inverter Transformer	MV22T	340854	4683134	2	0	0	67.5	67.5	1	1498.57	3.25	63	74.51	0	-5.61	0	0	0.18	0	0	0	0	0	0	-1.59	-1.59
Inverter Transformer	MV22T	340854	4683134	2	0	0	79.6	79.6	1	1498.57	3.25	125	74.51	0	4.49	0	0	0.62	0	0	0	0	0	0	-0.02	-0.02
Inverter Transformer	MV22T	340854	4683134	2	0	0	82.1	82.1	1	1498.57	3.25	250	74.51	0	3.49	0	0	1.56	0	0	0	0	0	0	2.53	2.53
Inverter Transformer	MV22T	340854	4683134	2	0	0	87.5	87.5	1	1498.57	3.25	500	74.51	0	-0.13	0	0	2.89	0	0	0	0	0	0	10.22	10.22
Inverter Transformer	MV22T	340854	4683134	2	0	0	84.7	84.7	1	1498.57	3.25	1000	74.51	0	-1.59	0	0	5.48	0	0	0	0	0	0	6.29	6.29
Inverter Transformer	MV22T	340854	4683134	2	0	0	80.9	80.9	1	1498.57	3.25	2000	74.51	0	-1.68	0	0	14.48	0	0	0	0	0	0	-6.41	-6.41
Inverter Transformer	MV22T	340854	4683134	2	0	0	75.7	75.7	1	1498.57	3.25	4000	74.51	0	-1.68	0	0	49.11	0	0	0	0	0	0	-46.24	-46.24
Inverter Transformer	MV22T	340854	4683134	2	0	0	66.6	66.6	1	1498.57	3.25	8000	74.51	0	-1.68	0	0	175.16	0	0	0	0	0	0	-181.39	-181.39
REACTOR	LR	341245	4683544	3.05	0	0	44.2	44.2	1	946.79	3.77	32	70.53	0	-5.28	0	0	0.03	0	0	0	0	0	0	-21.07	-21.07
REACTOR	LR	341245	4683544	3.05	0	0	63.4	63.4	1	946.79	3.77	63	70.53	0	-5.28	0	0	0.12	0	0	0	0	0	0	-1.96	-1.96
REACTOR	LR	341245	4683544	3.05	0	0	75.5	75.5	1	946.79	3.77	125	70.53	0	3.96	0	0	0.39	0	0	0	0	0	0	0.62	0.62
REACTOR	LR	341245	4683544	3.05	0	0	78	78	1	946.79	3.77	250	70.53	0	1.99	0	0	0.99	0	0	0	0	0	0	4.49	4.49
REACTOR	LR	341245	4683544	3.05	0	0	83.4	83.4	1	946.79	3.77	500	70.53	0	-1.45	0	0	1.83	0	0	0	0	0	0	12.5	12.5
REACTOR	LR	341245	4683544	3.05	0	0	80.6	80.6	1	946.79	3.77	1000	70.53	0	-1.58	0	0	3.46	0	0	0	0	0	0	8.2	8.2
REACTOR	LR	341245	4683544	3.05	0	0	76.8	76.8	1	946.79	3.77	2000	70.53	0	-1.58	0	0	9.15	0	0	0	0	0	0	-1.29	-1.29
REACTOR	LR	341245	4683544	3.05	0	0	71.6	71.6	1	946.79	3.77	4000	70.53	0	-1.58	0	0	31.03	0	0	0	0	0	0	-28.37	-28.37
REACTOR	LR	341245	4683544	3.05	0	0	62.5	62.5	1	946.79	3.77	8000	70.53	0	-1.58	0	0	110.66	0	0	0	0	0	0	-117.1	-117.1
Inverter Transformer	MV26T	341089	4682931	2	0	0	48.3	48.3	1	1569.88	3.25	32	74.92	0	-5.63	0	0	0.05	0	0	0	0	0	0	-21.04	-21.04
Inverter Transformer	MV26T	341089	4682931	2	0	0	67.5	67.5	1	1569.88	3.25	63	74.92	0	-5.63	0	0	0.19	0	0	0	0	0	0	-1.98	-1.98
Inverter Transformer	MV26T	341089	4682931	2	0	0	79.6	79.6	1	1569.88	3.25	125	74.92	0	4.49	0	0	0.65	0	0	0	0	0	0	-0.45	-0.45

Inverter Transformer	MV26T	341089	4682931	2	0	0	82.1	82.1	1	1569.88	3.25	250	74.92	0	3.48	0	0	1.64	0	0	0	0	0	0	2.06	2.06
Inverter Transformer	MV26T	341089	4682931	2	0	0	87.5	87.5	1	1569.88	3.25	500	74.92	0	-0.13	0	0	3.03	0	0	0	0	0	0	9.69	9.69
Inverter Transformer	MV26T	341089	4682931	2	0	0	84.7	84.7	1	1569.88	3.25	1000	74.92	0	-1.59	0	0	5.74	0	0	0	0	0	0	5.63	5.63
Inverter Transformer	MV26T	341089	4682931	2	0	0	80.9	80.9	1	1569.88	3.25	2000	74.92	0	-1.69	0	0	15.17	0	0	0	0	0	0	-7.5	-7.5
Inverter Transformer	MV26T	341089	4682931	2	0	0	75.7	75.7	1	1569.88	3.25	4000	74.92	0	-1.69	0	0	51.45	0	0	0	0	0	0	-48.97	-48.97
Inverter Transformer	MV26T	341089	4682931	2	0	0	66.6	66.6	1	1569.88	3.25	8000	74.92	0	-1.69	0	0	183.49	0	0	0	0	0	0	-190.12	-190.12
Inverter Transformer	MV20T	340693	4683093	2	0	0	48.3	48.3	1	1625.03	3.25	32	75.22	0	-5.64	0	0	0.05	0	0	0	0	0	0	-21.33	-21.33
Inverter Transformer	MV20T	340693	4683093	2	0	0	67.5	67.5	1	1625.03	3.25	63	75.22	0	-5.64	0	0	0.2	0	0	0	0	0	0	-2.28	-2.28
Inverter Transformer	MV20T	340693	4683093	2	0	0	79.6	79.6	1	1625.03	3.25	125	75.22	0	4.49	0	0	0.67	0	0	0	0	0	0	-0.77	-0.77
Inverter Transformer	MV20T	340693	4683093	2	0	0	82.1	82.1	1	1625.03	3.25	250	75.22	0	3.48	0	0	1.7	0	0	0	0	0	0	1.71	1.71
Inverter Transformer	MV20T	340693	4683093	2	0	0	87.5	87.5	1	1625.03	3.25	500	75.22	0	-0.13	0	0	3.13	0	0	0	0	0	0	9.28	9.28
Inverter Transformer	MV20T	340693	4683093	2	0	0	84.7	84.7	1	1625.03	3.25	1000	75.22	0	-1.6	0	0	5.94	0	0	0	0	0	0	5.14	5.14
Inverter Transformer	MV20T	340693	4683093	2	0	0	80.9	80.9	1	1625.03	3.25	2000	75.22	0	-1.69	0	0	15.7	0	0	0	0	0	0	-8.33	-8.33
Inverter Transformer	MV20T	340693	4683093	2	0	0	75.7	75.7	1	1625.03	3.25	4000	75.22	0	-1.69	0	0	53.25	0	0	0	0	0	0	-51.08	-51.08
Inverter Transformer	MV20T	340693	4683093	2	0	0	66.6	66.6	1	1625.03	3.25	8000	75.22	0	-1.69	0	0	189.94	0	0	0	0	0	0	-196.86	-196.86
Inverter Transformer	MV23T	340941	4682933	2	0	0	48.3	48.3	1	1629.22	3.25	32	75.24	0	-5.64	0	0	0.05	0	0	0	0	0	0	-21.35	-21.35
Inverter Transformer	MV23T	340941	4682933	2	0	0	67.5	67.5	1	1629.22	3.25	63	75.24	0	-5.64	0	0	0.2	0	0	0	0	0	0	-2.3	-2.3
Inverter Transformer	MV23T	340941	4682933	2	0	0	79.6	79.6	1	1629.22	3.25	125	75.24	0	4.49	0	0	0.67	0	0	0	0	0	0	-0.79	-0.79
Inverter Transformer	MV23T	340941	4682933	2	0	0	82.1	82.1	1	1629.22	3.25	250	75.24	0	3.48	0	0	1.7	0	0	0	0	0	0	1.68	1.68
Inverter Transformer	MV23T	340941	4682933	2	0	0	87.5	87.5	1	1629.22	3.25	500	75.24	0	-0.13	0	0	3.14	0	0	0	0	0	0	9.25	9.25
Inverter Transformer	MV23T	340941	4682933	2	0	0	84.7	84.7	1	1629.22	3.25	1000	75.24	0	-1.6	0	0	5.96	0	0	0	0	0	0	5.1	5.1
Inverter Transformer	MV23T	340941	4682933	2	0	0	80.9	80.9	1	1629.22	3.25	2000	75.24	0	-1.69	0	0	15.74	0	0	0	0	0	0	-8.39	-8.39
Inverter Transformer	MV23T	340941	4682933	2	0	0	75.7	75.7	1	1629.22	3.25	4000	75.24	0	-1.69	0	0	53.39	0	0	0	0	0	0	-51.24	-51.24
Inverter Transformer	MV23T	340941	4682933	2	0	0	66.6	66.6	1	1629.22	3.25	8000	75.24	0	-1.69	0	0	190.43	0	0	0	0	0	0	-197.37	-197.37
Inverter Transformer	MV21T	340758	4682933	2	0	0	48.3	48.3	1	1719.55	3.25	32	75.71	0	-5.66	0	0	0.06	0	0	0	0	0	0	-21.8	-21.8
Inverter Transformer	MV21T	340758	4682933	2	0	0	67.5	67.5	1	1719.55	3.25	63	75.71	0	-5.66	0	0	0.21	0	0	0	0	0	0	-2.76	-2.76
Inverter Transformer	MV21T	340758	4682933	2	0	0	79.6	79.6	1	1719.55	3.25	125	75.71	0	4.48	0	0	0.71	0	0	0	0	0	0	-1.3	-1.3
Inverter Transformer	MV21T	340758	4682933	2	0	0	82.1	82.1	1	1719.55	3.25	250	75.71	0	3.48	0	0	1.79	0	0	0	0	0	0	1.12	1.12
Inverter Transformer	MV21T	340758	4682933	2	0	0	87.5	87.5	1	1719.55	3.25	500	75.71	0	-0.14	0	0	3.32	0	0	0	0	0	0	8.62	8.62
Inverter Transformer	MV21T	340758	4682933	2	0	0	84.7	84.7	1	1719.55	3.25	1000	75.71	0	-1.6	0	0	6.29	0	0	0	0	0	0	4.3	4.3
Inverter Transformer	MV21T	340758	4682933	2	0	0	80.9	80.9	1	1719.55	3.25	2000	75.71	0	-1.7	0	0	16.62	0	0	0	0	0	0	-9.73	-9.73
Inverter Transformer	MV21T	340758	4682933	2	0	0	75.7	75.7	1	1719.55	3.25	4000	75.71	0	-1.7	0	0	56.35	0	0	0	0	0	0	-54.66	-54.66
Inverter Transformer	MV21T	340758	4682933	2	0	0	66.6	66.6	1	1719.55	3.25	8000	75.71	0	-1.7	0	0	200.98	0	0	0	0	0	0	-208.39	-208.39
Inverter Transformer	MV19T	340615	4682934	2	0	0	48.3	48.3	1	1799.15	3.25	32	76.1	0	-5.67	0	0	0.06	0	0	0	0	0	0	-22.18	-22.18
Inverter Transformer	MV19T	340615	4682934	2	0	0	67.5	67.5	1	1799.15	3.25	63	76.1	0	-5.67	0	0	0.22	0	0	0	0	0	0	-3.15	-3.15
Inverter Transformer	MV19T	340615	4682934	2	0	0	79.6	79.6	1	1799.15	3.25	125	76.1	0	4.48	0	0	0.74	0	0	0	0	0	0	-1.72	-1.72
Inverter Transformer	MV19T	340615	4682934	2	0	0	82.1	82.1	1	1799.15	3.25	250	76.1	0	3.47	0	0	1.88	0	0	0	0	0	0	0.65	0.65
Inverter Transformer	MV19T	340615	4682934	2	0	0	87.5	87.5	1	1799.15	3.25	500	76.1	0	-0.15	0	0	3.47	0	0	0	0	0	0	8.08	8.08
Inverter Transformer	MV19T	340615	4682934	2	0	0	84.7	84.7	1	1799.15	3.25	1000	76.1	0	-1.61	0	0	6.58	0	0	0	0	0	0	3.62	3.62
Inverter Transformer	MV19T	340615	4682934	2	0	0	80.9	80.9	1	1799.15	3.25	2000	76.1	0	-1.7	0	0	17.39	0	0	0	0	0	0	-10.89	-10.89
Inverter Transformer	MV19T	340615	4682934	2	0	0	75.7	75.7	1	1799.15	3.25	4000	76.1	0	-1.7	0	0	58.96	0	0	0	0	0	0	-57.66	-57.66
Inverter Transformer	MV19T	340615	4682934	2	0	0	66.6	66.6	1	1799.15	3.25	8000	76.1	0	-1.7	0	0	210.29	0	0	0	0	0	0	-218.09	-218.09
Inverter Transformer	MV18T	340447	4682873	2	0	0	48.3	48.3	1	1950.04	3.25	32	76.8	0	-5.7	0	0	0.06	0	0	0	0	0	0	-22.86	-22.86
Inverter Transformer	MV18T	340447	4682873	2	0	0	67.5	67.5	1	1950.04	3.25	63	76.8	0	-5.7	0	0	0.24	0	0	0	0	0	0	-3.84	-3.84
Inverter Transformer	MV18T	340447	4682873	2	0	0	79.6	79.6	1	1950.04	3.25	125	76.8	0	4.47	0	0	0.8	0	0	0	0	0	0	-2.47	-2.47
Inverter Transformer	MV18T	340447	4682873	2	0	0	82.1	82.1	1	1950.04	3.25	250	76.8	0	3.46	0	0	2.03	0	0	0	0	0	0	-0.2	-0.2
Inverter Transformer	MV18T	340447	4682873	2	0	0	87.5	87.5	1	1950.04	3.25	500	76.8	0	-0.15	0	0	3.76	0	0	0	0	0	0	7.09	7.09
Inverter Transformer	MV18T	340447	4682873	2	0	0	84.7	84.7	1	1950.04	3.25	1000	76.8	0	-1.61	0	0	7.13	0	0	0	0	0	0	2.38	2.38
Inverter Transformer	MV18T	340447	4682873	2	0	0	80.9	80.9	1	1950.04	3.25	2000	76.8	0	-1.71	0	0	18.85	0	0	0	0	0	0	-13.04	-13.04
Inverter Transformer	MV18T	340447	4682873	2	0	0	75.7	75.7	1	1950.04	3.25	4000	76.8	0	-1.71	0	0	63.9	0	0	0	0	0	0	-63.29	-63.29
Inverter Transformer	MV18T	340447	4682873	2	0	0	66.6	66.6	1	1950.04	3.25	8000	76.8	0	-1.71	0	0	227.92	0	0	0	0	0	0	-236.42	-236.42
Inverter Transformer	MV17T	340289	4682873	2	0	0	48.3	48.3	1	2053.28	3.25	32	77.25	0	-5.72	0	0	0.07	0	0	0	0	0	0	-23.3	-23.3
Inverter Transformer	MV17T	340289	4682873	2	0	0	67.5	67.5	1	2053.28	3.25	63	77.25	0	-5.72	0	0	0.25	0	0	0	0	0	0	-4.28	-4.28
Inverter Transformer	MV17T	340289	4682873	2	0	0	79.6	79.6	1	2053.28	3.25	125	77.25	0	4.47	0	0	0.84	0	0	0	0	0	0	-2.96	-2.96
Inverter Transformer	MV17T	340289	4682873	2	0	0	82.1	82.1	1	2053.28	3.25	250	77.25	0	3.46	0	0	2.14	0	0	0	0	0	0	-0.75	-0.75
Inverter Transformer	MV17T	340289	4682873	2	0	0	87.5	87.5	1	2053.28	3.25	500	77.25	0	-0.16	0	0	3.96	0	0	0	0	0	0	6.45	6.45
Inverter Transformer	MV17T	340289	4682873	2	0	0	84.7	84.7	1	2053.28	3.25	1000	77.25	0	-1.62	0	0	7.51	0	0	0	0	0	0	1.56	1.56
Inverter Transformer	MV17T	340289	4682873	2	0	0	80.9	80.9	1	2053.28	3.25	2000	77.25	0	-1.71	0	0	19.84	0	0	0	0	0	0	-14.48	-14.48
Inverter Transformer	MV17T	340289	4682873	2	0	0	75.7	75.7	1	2053.28	3.25	4000	77.25	0	-1.71	0	0	67.29	0	0	0	0	0	0	-67.12	-67.12
Inverter Transformer	MV17T	340289	4682873	2	0	0	66.6	66.6	1	2053.28	3.25	8000	77.25	0	-1.71	0	0	239.99	0	0	0	0	0	0	-248.93	-248.93
Inverter Transformer	MV16T	340159	4682797	2	0	0	48.3	48.3	1	2197.59	3.25	32	77.84	0	-5.73	0	0	0.07	0	0	0	0	0	0	-23.88	-23.88
Inverter Transformer	MV16T	340159	4682797	2	0	0	67.5	67.5	1	2197.59	3.25	63	77.84	0	-5.73	0	0	0.27	0	0	0	0	0	0	-4.87	-4.87
Inverter Transformer	MV16T	340159	4682797	2	0	0	79.6	79.6	1	2197.59	3.25	125	77.84	0	4.46	0	0	0.9	0	0	0	0	0	0	-3.6	-3.6
Inverter Transformer	MV16T	340159	4682797	2	0	0	82.1	82.1	1	2197.59	3.25	250	77.84	0	3.45	0	0	2.29	0	0	0	0	0	0	-1.48	-1.48
Inverter Transformer	MV16T	340159	4682797	2	0	0	87.5	87.5	1	2197.59	3.25	500	77.84	0	-0.16	0	0	4.24	0	0	0	0	0	0	5.59	5.59
Inverter Transformer	MV16T	340159	4682797	2	0	0	84.7	84.7	1	2197.59	3.25	1000	77.84	0	-1.62	0	0	8.04	0	0	0	0	0	0	0.45	0.45
Inverter Transformer	MV16T	340159	4682797	2	0	0	80.9	80.9	1	2197.59	3.25	2000	77.84	0	-1.72	0	0	21.24	0	0	0	0	0	0	-16.46	-16.46
Inverter Transformer	MV16T	340159	4682797	2	0	0	75.7	75.7	1	2197.59	3.25	4000	77.84	0	-1.72	0	0	72.02	0	0	0	0	0	0	-72.43	-72.43
Inverter Transformer	MV16T	340159	4682797	2	0	0	66.6	66.6	1	2197.59	3.25	8000	77.84	0	-1.72	0	0	256.86	0	0	0	0	0	0	-266.38	-266.38
Inverter Transformer	MV15T	339995	4682761	2	0	0	48.3	48.3	1	2338.73	3.25	32	78.38	0	-5.75	0	0	0.07	0	0	0	0	0	0	-24.4	-24.4
Inverter Transformer	MV15T	339995	4682761	2	0	0	67.5	67.5	1	2338.73	3.25	63	78.38	0	-5.75	0	0	0.28	0	0	0	0	0	0	-5.41	-5.41
Inverter Transformer	MV15T	339995	4682761	2	0	0	79.6	79.6	1	2338.73	3.25	125	78.38	0	4.45	0	0	0.96	0	0	0	0	0	0	-4.2	-4.2
Inverter Transformer	MV15T	339995	4682761	2	0	0	82.1	82.1	1	2338.73	3.25	250	78.38	0	3.45	0	0	2.44	0	0	0	0	0	0	-2.17	-2.17
Inverter Transformer	MV15T	339995	4682761	2	0	0	87.5	87.5	1	2338.73	3.25	500	78.38	0	-0.17	0	0	4.51	0	0	0	0	0	0	4.78	4.78

Inverter Transformer	MV15T	339995	4682761	2	0	0	84.7	84.7	1	2338.73	3.25	1000	78.38	0	-1.63	0	0	8.55	0	0	0	0	0	0	-0.6	-0.6
Inverter Transformer	MV15T	339995	4682761	2	0	0	80.9	80.9	1	2338.73	3.25	2000	78.38	0	-1.72	0	0	22.6	0	0	0	0	0	0	-18.36	-18.36
Inverter Transformer	MV15T	339995	4682761	2	0	0	75.7	75.7	1	2338.73	3.25	4000	78.38	0	-1.72	0	0	76.64	0	0	0	0	0	0	-77.59	-77.59
Inverter Transformer	MV15T	339995	4682761	2	0	0	66.6	66.6	1	2338.73	3.25	8000	78.38	0	-1.72	0	0	273.36	0	0	0	0	0	0	-283.41	-283.41
Inverter Transformer	MV13T	340249	4682522	2	0	0	48.3	48.3	1	2348.31	3.25	32	78.42	0	-5.75	0	0	0.08	0	0	0	0	0	0	-24.44	-24.44
Inverter Transformer	MV13T	340249	4682522	2	0	0	67.5	67.5	1	2348.31	3.25	63	78.42	0	-5.75	0	0	0.29	0	0	0	0	0	0	-5.45	-5.45
Inverter Transformer	MV13T	340249	4682522	2	0	0	79.6	79.6	1	2348.31	3.25	125	78.42	0	4.45	0	0	0.97	0	0	0	0	0	0	-4.23	-4.23
Inverter Transformer	MV13T	340249	4682522	2	0	0	82.1	82.1	1	2348.31	3.25	250	78.42	0	3.45	0	0	2.45	0	0	0	0	0	0	-2.21	-2.21
Inverter Transformer	MV13T	340249	4682522	2	0	0	87.5	87.5	1	2348.31	3.25	500	78.42	0	-0.17	0	0	4.53	0	0	0	0	0	0	4.73	4.73
Inverter Transformer	MV13T	340249	4682522	2	0	0	84.7	84.7	1	2348.31	3.25	1000	78.42	0	-1.63	0	0	8.59	0	0	0	0	0	0	-0.67	-0.67
Inverter Transformer	MV13T	340249	4682522	2	0	0	80.9	80.9	1	2348.31	3.25	2000	78.42	0	-1.73	0	0	22.69	0	0	0	0	0	0	-18.48	-18.48
Inverter Transformer	MV13T	340249	4682522	2	0	0	75.7	75.7	1	2348.31	3.25	4000	78.42	0	-1.73	0	0	76.95	0	0	0	0	0	0	-77.94	-77.94
Inverter Transformer	MV13T	340249	4682522	2	0	0	66.6	66.6	1	2348.31	3.25	8000	78.42	0	-1.73	0	0	274.48	0	0	0	0	0	0	-284.56	-284.56
Inverter Transformer	MV14T	340317	4682335	2	0	0	48.3	48.3	1	2461.22	3.25	32	78.82	0	-5.76	0	0	0.08	0	0	0	0	0	0	-24.84	-24.84
Inverter Transformer	MV14T	340317	4682335	2	0	0	67.5	67.5	1	2461.22	3.25	63	78.82	0	-5.76	0	0	0.3	0	0	0	0	0	0	-5.86	-5.86
Inverter Transformer	MV14T	340317	4682335	2	0	0	79.6	79.6	1	2461.22	3.25	125	78.82	0	4.45	0	0	1.01	0	0	0	0	0	0	-4.69	-4.69
Inverter Transformer	MV14T	340317	4682335	2	0	0	82.1	82.1	1	2461.22	3.25	250	78.82	0	3.44	0	0	2.57	0	0	0	0	0	0	-2.74	-2.74
Inverter Transformer	MV14T	340317	4682335	2	0	0	87.5	87.5	1	2461.22	3.25	500	78.82	0	-0.17	0	0	4.74	0	0	0	0	0	0	4.1	4.1
Inverter Transformer	MV14T	340317	4682335	2	0	0	84.7	84.7	1	2461.22	3.25	1000	78.82	0	-1.63	0	0	9	0	0	0	0	0	0	-1.49	-1.49
Inverter Transformer	MV14T	340317	4682335	2	0	0	80.9	80.9	1	2461.22	3.25	2000	78.82	0	-1.73	0	0	23.79	0	0	0	0	0	0	-19.98	-19.98
Inverter Transformer	MV14T	340317	4682335	2	0	0	75.7	75.7	1	2461.22	3.25	4000	78.82	0	-1.73	0	0	80.65	0	0	0	0	0	0	-82.05	-82.05
Inverter Transformer	MV14T	340317	4682335	2	0	0	66.6	66.6	1	2461.22	3.25	8000	78.82	0	-1.73	0	0	287.67	0	0	0	0	0	0	-298.17	-298.17
Inverter Transformer	MV10T	340068	4682522	2	0	0	48.3	48.3	1	2462.5	3.25	32	78.83	0	-5.76	0	0	0.08	0	0	0	0	0	0	-24.84	-24.84
Inverter Transformer	MV10T	340068	4682522	2	0	0	67.5	67.5	1	2462.5	3.25	63	78.83	0	-5.76	0	0	0.3	0	0	0	0	0	0	-5.86	-5.86
Inverter Transformer	MV10T	340068	4682522	2	0	0	79.6	79.6	1	2462.5	3.25	125	78.83	0	4.45	0	0	1.01	0	0	0	0	0	0	-4.69	-4.69
Inverter Transformer	MV10T	340068	4682522	2	0	0	82.1	82.1	1	2462.5	3.25	250	78.83	0	3.44	0	0	2.57	0	0	0	0	0	0	-2.74	-2.74
Inverter Transformer	MV10T	340068	4682522	2	0	0	87.5	87.5	1	2462.5	3.25	500	78.83	0	-0.17	0	0	4.75	0	0	0	0	0	0	4.1	4.1
Inverter Transformer	MV10T	340068	4682522	2	0	0	84.7	84.7	1	2462.5	3.25	1000	78.83	0	-1.63	0	0	9.01	0	0	0	0	0	0	-1.5	-1.5
Inverter Transformer	MV10T	340068	4682522	2	0	0	80.9	80.9	1	2462.5	3.25	2000	78.83	0	-1.73	0	0	23.8	0	0	0	0	0	0	-20	-20
Inverter Transformer	MV10T	340068	4682522	2	0	0	75.7	75.7	1	2462.5	3.25	4000	78.83	0	-1.73	0	0	80.7	0	0	0	0	0	0	-82.1	-82.1
Inverter Transformer	MV10T	340068	4682522	2	0	0	66.6	66.6	1	2462.5	3.25	8000	78.83	0	-1.73	0	0	287.82	0	0	0	0	0	0	-298.32	-298.32
Inverter Transformer	MV11T	340161	4682335	2	0	0	48.3	48.3	1	2550.67	3.25	32	79.13	0	-5.77	0	0	0.08	0	0	0	0	0	0	-25.14	-25.14
Inverter Transformer	MV11T	340161	4682335	2	0	0	67.5	67.5	1	2550.67	3.25	63	79.13	0	-5.77	0	0	0.31	0	0	0	0	0	0	-6.17	-6.17
Inverter Transformer	MV11T	340161	4682335	2	0	0	79.6	79.6	1	2550.67	3.25	125	79.13	0	4.45	0	0	1.05	0	0	0	0	0	0	-5.03	-5.03
Inverter Transformer	MV11T	340161	4682335	2	0	0	82.1	82.1	1	2550.67	3.25	250	79.13	0	3.44	0	0	2.66	0	0	0	0	0	0	-3.14	-3.14
Inverter Transformer	MV11T	340161	4682335	2	0	0	87.5	87.5	1	2550.67	3.25	500	79.13	0	-0.17	0	0	4.92	0	0	0	0	0	0	3.62	3.62
Inverter Transformer	MV11T	340161	4682335	2	0	0	84.7	84.7	1	2550.67	3.25	1000	79.13	0	-1.64	0	0	9.33	0	0	0	0	0	0	-2.13	-2.13
Inverter Transformer	MV11T	340161	4682335	2	0	0	80.9	80.9	1	2550.67	3.25	2000	79.13	0	-1.73	0	0	24.65	0	0	0	0	0	0	-21.15	-21.15
Inverter Transformer	MV11T	340161	4682335	2	0	0	75.7	75.7	1	2550.67	3.25	4000	79.13	0	-1.73	0	0	83.59	0	0	0	0	0	0	-85.29	-85.29
Inverter Transformer	MV11T	340161	4682335	2	0	0	66.6	66.6	1	2550.67	3.25	8000	79.13	0	-1.73	0	0	298.13	0	0	0	0	0	0	-308.93	-308.93
Inverter Transformer	MV07T	339937	4682452	2	0	0	48.3	48.3	1	2601.61	3.25	32	79.3	0	-5.78	0	0	0.08	0	0	0	0	0	0	-25.31	-25.31
Inverter Transformer	MV07T	339937	4682452	2	0	0	67.5	67.5	1	2601.61	3.25	63	79.3	0	-5.78	0	0	0.32	0	0	0	0	0	0	-6.35	-6.35
Inverter Transformer	MV07T	339937	4682452	2	0	0	79.6	79.6	1	2601.61	3.25	125	79.3	0	4.45	0	0	1.07	0	0	0	0	0	0	-5.22	-5.22
Inverter Transformer	MV07T	339937	4682452	2	0	0	82.1	82.1	1	2601.61	3.25	250	79.3	0	3.44	0	0	2.71	0	0	0	0	0	0	-3.36	-3.36
Inverter Transformer	MV07T	339937	4682452	2	0	0	87.5	87.5	1	2601.61	3.25	500	79.3	0	-0.18	0	0	5.02	0	0	0	0	0	0	3.35	3.35
Inverter Transformer	MV07T	339937	4682452	2	0	0	84.7	84.7	1	2601.61	3.25	1000	79.3	0	-1.64	0	0	9.52	0	0	0	0	0	0	-2.48	-2.48
Inverter Transformer	MV07T	339937	4682452	2	0	0	80.9	80.9	1	2601.61	3.25	2000	79.3	0	-1.73	0	0	25.14	0	0	0	0	0	0	-21.81	-21.81
Inverter Transformer	MV07T	339937	4682452	2	0	0	75.7	75.7	1	2601.61	3.25	4000	79.3	0	-1.73	0	0	85.25	0	0	0	0	0	0	-87.13	-87.13
Inverter Transformer	MV07T	339937	4682452	2	0	0	66.6	66.6	1	2601.61	3.25	8000	79.3	0	-1.73	0	0	304.08	0	0	0	0	0	0	-315.05	-315.05
Inverter Transformer	MV12T	340232	4682172	2	0	0	48.3	48.3	1	2644.12	3.25	32	79.45	0	-5.78	0	0	0.08	0	0	0	0	0	0	-25.45	-25.45
Inverter Transformer	MV12T	340232	4682172	2	0	0	67.5	67.5	1	2644.12	3.25	63	79.45	0	-5.78	0	0	0.32	0	0	0	0	0	0	-6.49	-6.49
Inverter Transformer	MV12T	340232	4682172	2	0	0	79.6	79.6	1	2644.12	3.25	125	79.45	0	4.45	0	0	1.09	0	0	0	0	0	0	-5.38	-5.38
Inverter Transformer	MV12T	340232	4682172	2	0	0	82.1	82.1	1	2644.12	3.25	250	79.45	0	3.44	0	0	2.76	0	0	0	0	0	0	-3.54	-3.54
Inverter Transformer	MV12T	340232	4682172	2	0	0	87.5	87.5	1	2644.12	3.25	500	79.45	0	-0.18	0	0	5.1	0	0	0	0	0	0	3.13	3.13
Inverter Transformer	MV12T	340232	4682172	2	0	0	84.7	84.7	1	2644.12	3.25	1000	79.45	0	-1.64	0	0	9.67	0	0	0	0	0	0	-2.78	-2.78
Inverter Transformer	MV12T	340232	4682172	2	0	0	80.9	80.9	1	2644.12	3.25	2000	79.45	0	-1.73	0	0	25.55	0	0	0	0	0	0	-22.36	-22.36
Inverter Transformer	MV12T	340232	4682172	2	0	0	75.7	75.7	1	2644.12	3.25	4000	79.45	0	-1.73	0	0	86.65	0	0	0	0	0	0	-88.66	-88.66
Inverter Transformer	MV12T	340232	4682172	2	0	0	66.6	66.6	1	2644.12	3.25	8000	79.45	0	-1.73	0	0	309.05	0	0	0	0	0	0	-320.16	-320.16
Inverter Transformer	MV08T	340021	4682259	2	0	0	48.3	48.3	1	2695.81	3.25	32	79.61	0	-5.78	0	0	0.09	0	0	0	0	0	0	-25.62	-25.62
Inverter Transformer	MV08T	340021	4682259	2	0	0	67.5	67.5	1	2695.81	3.25	63	79.61	0	-5.78	0	0	0.33	0	0	0	0	0	0	-6.66	-6.66
Inverter Transformer	MV08T	340021	4682259	2	0	0	79.6	79.6	1	2695.81	3.25	125	79.61	0	4.44	0	0	1.11	0	0	0	0	0	0	-5.57	-5.57
Inverter Transformer	MV08T	340021	4682259	2	0	0	82.1	82.1	1	2695.81	3.25	250	79.61	0	3.44	0	0	2.81	0	0	0	0	0	0	-3.76	-3.76
Inverter Transformer	MV08T	340021	4682259	2	0	0	87.5	87.5	1	2695.81	3.25	500	79.61	0	-0.18	0	0	5.2	0	0	0	0	0	0	2.87	2.87
Inverter Transformer	MV08T	340021	4682259	2	0	0	84.7	84.7	1	2695.81	3.25	1000	79.61	0	-1.64	0	0	9.86	0	0	0	0	0	0	-3.13	-3.13
Inverter Transformer	MV08T	340021	4682259	2	0	0	80.9	80.9	1	2695.81	3.25	2000	79.61	0	-1.73	0	0	26.05	0	0	0	0	0	0	-23.03	-23.03
Inverter Transformer	MV08T	340021	4682259	2	0	0	75.7	75.7	1	2695.81	3.25	4000	79.61	0	-1.73	0	0	88.34	0	0	0	0	0	0	-90.52	-90.52
Inverter Transformer	MV08T	340021	4682259	2	0	0	66.6	66.6	1	2695.81	3.25	8000	79.61	0	-1.73	0	0	315.09	0	0	0	0	0	0	-326.37	-326.37
Inverter Transformer	MV09T	340101	4682080	2	0	0	48.3	48.3	1	2793.36	3.25	32	79.92	0	-5.79	0	0	0.09	0	0	0	0	0	0	-25.92	-25.92
Inverter Transformer	MV09T	340101	4682080	2	0	0	67.5	67.5	1	2793.36	3.25	63	79.92	0	-5.79	0	0	0.34	0	0	0	0	0	0	-6.97	-6.97
Inverter Transformer	MV09T	340101	4682080	2	0	0	79.6	79.6	1	2793.36	3.25	125	79.92	0	4.44	0	0	1.15	0	0	0	0	0	0	-5.91	-5.91
Inverter Transformer	MV09T	340101	4682080	2	0	0	82.1	82.1	1	2793.36	3.25	250	79.92	0	3.44	0	0	2.91	0	0	0	0	0	0	-4.17	-4.17
Inverter Transformer	MV09T	340101	4682080	2	0	0	87.5	87.5	1	2793.36	3.25	500	79.92	0	-0.18	0	0	5.39	0	0	0	0	0	0	2.37	2.37
Inverter Transformer	MV09T	340101	4682080	2	0	0	84.7	84.7	1	2793.36	3.25	1000	79.92	0	-1.64	0	0	10.22	0	0	0	0	0	0	-3.8	-3.8
Inverter Transformer	MV09T	340101	4682080	2	0	0	80.9	80.9	1	2793.36	3.25	2000	79.92	0	-1.74	0	0	26.99	0	0	0	0	0	0	-24.28	-24.28

Inverter Transformer	MV09T	340101	4682080	2	0	0	75.7	75.7	1	2793.36	3.25	4000	79.92	0	-1.74	0	0	91.54	0	0	0	0	0	0	-94.02	-94.02
Inverter Transformer	MV09T	340101	4682080	2	0	0	66.6	66.6	1	2793.36	3.25	8000	79.92	0	-1.74	0	0	326.49	0	0	0	0	0	0	-338.08	-338.08
Inverter Transformer	MV05T	339856	4682258	2	0	0	48.3	48.3	1	2800.9	3.25	32	79.95	0	-5.79	0	0	0.09	0	0	0	0	0	0	-25.94	-25.94
Inverter Transformer	MV05T	339856	4682258	2	0	0	67.5	67.5	1	2800.9	3.25	63	79.95	0	-5.79	0	0	0.34	0	0	0	0	0	0	-7	-7
Inverter Transformer	MV05T	339856	4682258	2	0	0	79.6	79.6	1	2800.9	3.25	125	79.95	0	4.44	0	0	1.15	0	0	0	0	0	0	-5.94	-5.94
Inverter Transformer	MV05T	339856	4682258	2	0	0	82.1	82.1	1	2800.9	3.25	250	79.95	0	3.44	0	0	2.92	0	0	0	0	0	0	-4.2	-4.2
Inverter Transformer	MV05T	339856	4682258	2	0	0	87.5	87.5	1	2800.9	3.25	500	79.95	0	-0.18	0	0	5.4	0	0	0	0	0	0	2.33	2.33
Inverter Transformer	MV05T	339856	4682258	2	0	0	84.7	84.7	1	2800.9	3.25	1000	79.95	0	-1.64	0	0	10.24	0	0	0	0	0	0	-3.85	-3.85
Inverter Transformer	MV05T	339856	4682258	2	0	0	80.9	80.9	1	2800.9	3.25	2000	79.95	0	-1.74	0	0	27.07	0	0	0	0	0	0	-24.38	-24.38
Inverter Transformer	MV05T	339856	4682258	2	0	0	75.7	75.7	1	2800.9	3.25	4000	79.95	0	-1.74	0	0	91.79	0	0	0	0	0	0	-94.29	-94.29
Inverter Transformer	MV05T	339856	4682258	2	0	0	66.6	66.6	1	2800.9	3.25	8000	79.95	0	-1.74	0	0	327.37	0	0	0	0	0	0	-338.98	-338.98
Inverter Transformer	MV06T	339937	4682080	2	0	0	48.3	48.3	1	2889.01	3.25	32	80.21	0	-5.8	0	0	0.09	0	0	0	0	0	0	-26.21	-26.21
Inverter Transformer	MV06T	339937	4682080	2	0	0	67.5	67.5	1	2889.01	3.25	63	80.21	0	-5.8	0	0	0.35	0	0	0	0	0	0	-7.27	-7.27
Inverter Transformer	MV06T	339937	4682080	2	0	0	79.6	79.6	1	2889.01	3.25	125	80.21	0	4.44	0	0	1.19	0	0	0	0	0	0	-6.24	-6.24
Inverter Transformer	MV06T	339937	4682080	2	0	0	82.1	82.1	1	2889.01	3.25	250	80.21	0	3.43	0	0	3.01	0	0	0	0	0	0	-4.56	-4.56
Inverter Transformer	MV06T	339937	4682080	2	0	0	87.5	87.5	1	2889.01	3.25	500	80.21	0	-0.18	0	0	5.57	0	0	0	0	0	0	1.9	1.9
Inverter Transformer	MV06T	339937	4682080	2	0	0	84.7	84.7	1	2889.01	3.25	1000	80.21	0	-1.64	0	0	10.57	0	0	0	0	0	0	-4.44	-4.44
Inverter Transformer	MV06T	339937	4682080	2	0	0	80.9	80.9	1	2889.01	3.25	2000	80.21	0	-1.74	0	0	27.92	0	0	0	0	0	0	-25.49	-25.49
Inverter Transformer	MV06T	339937	4682080	2	0	0	75.7	75.7	1	2889.01	3.25	4000	80.21	0	-1.74	0	0	94.67	0	0	0	0	0	0	-97.45	-97.45
Inverter Transformer	MV06T	339937	4682080	2	0	0	66.6	66.6	1	2889.01	3.25	8000	80.21	0	-1.74	0	0	337.67	0	0	0	0	0	0	-349.55	-349.55
Inverter Transformer	MV02T	339703	4682250	2	0	0	48.3	48.3	1	2908.52	3.25	32	80.27	0	-5.8	0	0	0.09	0	0	0	0	0	0	-26.27	-26.27
Inverter Transformer	MV02T	339703	4682250	2	0	0	67.5	67.5	1	2908.52	3.25	63	80.27	0	-5.8	0	0	0.35	0	0	0	0	0	0	-7.33	-7.33
Inverter Transformer	MV02T	339703	4682250	2	0	0	79.6	79.6	1	2908.52	3.25	125	80.27	0	4.44	0	0	1.2	0	0	0	0	0	0	-6.31	-6.31
Inverter Transformer	MV02T	339703	4682250	2	0	0	82.1	82.1	1	2908.52	3.25	250	80.27	0	3.43	0	0	3.03	0	0	0	0	0	0	-4.64	-4.64
Inverter Transformer	MV02T	339703	4682250	2	0	0	87.5	87.5	1	2908.52	3.25	500	80.27	0	-0.18	0	0	5.61	0	0	0	0	0	0	1.8	1.8
Inverter Transformer	MV02T	339703	4682250	2	0	0	84.7	84.7	1	2908.52	3.25	1000	80.27	0	-1.64	0	0	10.64	0	0	0	0	0	0	-4.57	-4.57
Inverter Transformer	MV02T	339703	4682250	2	0	0	80.9	80.9	1	2908.52	3.25	2000	80.27	0	-1.74	0	0	28.11	0	0	0	0	0	0	-25.74	-25.74
Inverter Transformer	MV02T	339703	4682250	2	0	0	75.7	75.7	1	2908.52	3.25	4000	80.27	0	-1.74	0	0	95.31	0	0	0	0	0	0	-98.15	-98.15
Inverter Transformer	MV02T	339703	4682250	2	0	0	66.6	66.6	1	2908.52	3.25	8000	80.27	0	-1.74	0	0	339.95	0	0	0	0	0	0	-351.89	-351.89
Inverter Transformer	MV03T	339756	4682078	2	0	0	48.3	48.3	1	3002.98	3.25	32	80.55	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.54	-26.54
Inverter Transformer	MV03T	339756	4682078	2	0	0	67.5	67.5	1	3002.98	3.25	63	80.55	0	-5.81	0	0	0.37	0	0	0	0	0	0	-7.61	-7.61
Inverter Transformer	MV03T	339756	4682078	2	0	0	79.6	79.6	1	3002.98	3.25	125	80.55	0	4.44	0	0	1.23	0	0	0	0	0	0	-6.62	-6.62
Inverter Transformer	MV03T	339756	4682078	2	0	0	82.1	82.1	1	3002.98	3.25	250	80.55	0	3.43	0	0	3.13	0	0	0	0	0	0	-5.02	-5.02
Inverter Transformer	MV03T	339756	4682078	2	0	0	87.5	87.5	1	3002.98	3.25	500	80.55	0	-0.18	0	0	5.79	0	0	0	0	0	0	1.34	1.34
Inverter Transformer	MV03T	339756	4682078	2	0	0	84.7	84.7	1	3002.98	3.25	1000	80.55	0	-1.65	0	0	10.98	0	0	0	0	0	0	-5.19	-5.19
Inverter Transformer	MV03T	339756	4682078	2	0	0	80.9	80.9	1	3002.98	3.25	2000	80.55	0	-1.74	0	0	29.02	0	0	0	0	0	0	-26.93	-26.93
Inverter Transformer	MV03T	339756	4682078	2	0	0	75.7	75.7	1	3002.98	3.25	4000	80.55	0	-1.74	0	0	98.41	0	0	0	0	0	0	-101.52	-101.52
Inverter Transformer	MV03T	339756	4682078	2	0	0	66.6	66.6	1	3002.98	3.25	8000	80.55	0	-1.74	0	0	350.99	0	0	0	0	0	0	-363.2	-363.2
Inverter Transformer	MV01T	339520	4682250	2	0	0	48.3	48.3	1	3035.64	3.25	32	80.65	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.63	-26.63
Inverter Transformer	MV01T	339520	4682250	2	0	0	67.5	67.5	1	3035.64	3.25	63	80.65	0	-5.81	0	0	0.37	0	0	0	0	0	0	-7.71	-7.71
Inverter Transformer	MV01T	339520	4682250	2	0	0	79.6	79.6	1	3035.64	3.25	125	80.65	0	4.44	0	0	1.25	0	0	0	0	0	0	-6.73	-6.73
Inverter Transformer	MV01T	339520	4682250	2	0	0	82.1	82.1	1	3035.64	3.25	250	80.65	0	3.43	0	0	3.17	0	0	0	0	0	0	-5.14	-5.14
Inverter Transformer	MV01T	339520	4682250	2	0	0	87.5	87.5	1	3035.64	3.25	500	80.65	0	-0.18	0	0	5.85	0	0	0	0	0	0	1.19	1.19
Inverter Transformer	MV01T	339520	4682250	2	0	0	84.7	84.7	1	3035.64	3.25	1000	80.65	0	-1.65	0	0	11.1	0	0	0	0	0	0	-5.4	-5.4
Inverter Transformer	MV01T	339520	4682250	2	0	0	80.9	80.9	1	3035.64	3.25	2000	80.65	0	-1.74	0	0	29.34	0	0	0	0	0	0	-27.34	-27.34
Inverter Transformer	MV01T	339520	4682250	2	0	0	75.7	75.7	1	3035.64	3.25	4000	80.65	0	-1.74	0	0	99.48	0	0	0	0	0	0	-102.68	-102.68
Inverter Transformer	MV01T	339520	4682250	2	0	0	66.6	66.6	1	3035.64	3.25	8000	80.65	0	-1.74	0	0	354.81	0	0	0	0	0	0	-367.11	-367.11
Inverter Transformer	MV04T	339804	4681902	2	0	0	48.3	48.3	1	3111.21	3.25	32	80.86	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.85	-26.85
Inverter Transformer	MV04T	339804	4681902	2	0	0	67.5	67.5	1	3111.21	3.25	63	80.86	0	-5.81	0	0	0.38	0	0	0	0	0	0	-7.93	-7.93
Inverter Transformer	MV04T	339804	4681902	2	0	0	79.6	79.6	1	3111.21	3.25	125	80.86	0	4.44	0	0	1.28	0	0	0	0	0	0	-6.97	-6.97
Inverter Transformer	MV04T	339804	4681902	2	0	0	82.1	82.1	1	3111.21	3.25	250	80.86	0	3.43	0	0	3.25	0	0	0	0	0	0	-5.43	-5.43
Inverter Transformer	MV04T	339804	4681902	2	0	0	87.5	87.5	1	3111.21	3.25	500	80.86	0	-0.19	0	0	6	0	0	0	0	0	0	0.83	0.83
Inverter Transformer	MV04T	339804	4681902	2	0	0	84.7	84.7	1	3111.21	3.25	1000	80.86	0	-1.65	0	0	11.38	0	0	0	0	0	0	-5.89	-5.89
Inverter Transformer	MV04T	339804	4681902	2	0	0	80.9	80.9	1	3111.21	3.25	2000	80.86	0	-1.74	0	0	30.07	0	0	0	0	0	0	-28.28	-28.28
Inverter Transformer	MV04T	339804	4681902	2	0	0	75.7	75.7	1	3111.21	3.25	4000	80.86	0	-1.74	0	0	101.95	0	0	0	0	0	0	-105.37	-105.37
Inverter Transformer	MV04T	339804	4681902	2	0	0	66.6	66.6	1	3111.21	3.25	8000	80.86	0	-1.74	0	0	363.64	0	0	0	0	0	0	-376.16	-376.16
Limit. Value D/N: 0	0																								
Level D/N: 39.3909	39.3909																								

APPENDIX C

Traffic Noise Modelling

Station Name:Walker S of EC Row
Site ID:000000WAK080
Station Num:000000000010
Description:
City:Windsor
County:
Start Date/Time:06/17/07 00:00
End Date/Time:06/23/07 23:59

6/17/2007	17 Sun	18 Mon	19 Tue	20 Wed	21 Thu	22 Fri	23 Sat	Total	Daily Avg.	Wkday Avg.	Wkend Avg.
00:00 Lane 1 (North)	257	151	176	220	152	174	271	1401	200	175	264
Lane 2 (South)	238	111	177	164	187	173	248	1298	185	162	243
All Lanes	495	262	353	384	339	347	519	2699	386	337	507
01:00 Lane 1 (North)	128	50	75	84	79	91	144	651	93	76	136
Lane 2 (South)	183	54	80	81	78	104	165	745	106	79	174
All Lanes	311	104	155	165	157	195	309	1396	199	155	310
02:00 Lane 1 (North)	101	52	52	75	67	83	80	510	73	66	91
Lane 2 (South)	123	52	67	99	92	107	107	647	92	83	115
All Lanes	224	104	119	174	159	190	187	1157	165	149	206
03:00 Lane 1 (North)	60	48	64	61	56	70	65	424	61	60	63
Lane 2 (South)	86	67	58	64	62	74	70	481	69	65	78
All Lanes	146	115	122	125	118	144	135	905	129	125	141
04:00 Lane 1 (North)	35	78	116	94	120	117	85	645	92	105	60
Lane 2 (South)	53	78	87	74	92	98	72	554	79	86	63
All Lanes	88	156	203	168	212	215	157	1199	171	191	123
05:00 Lane 1 (North)	63	340	345	335	336	320	187	1926	275	335	125
Lane 2 (South)	62	186	205	209	205	188	109	1164	166	199	86
All Lanes	125	526	550	544	541	508	296	3090	441	534	211
06:00 Lane 1 (North)	159	728	744	723	749	743	413	4259	608	737	286
Lane 2 (South)	127	614	637	604	620	568	318	3488	498	609	223
All Lanes	286	1342	1381	1327	1369	1311	731	7747	1107	1346	509
07:00 Lane 1 (North)	133	804	836	878	842	818	366	4677	668	836	250
Lane 2 (South)	201	761	737	819	782	766	447	4513	645	773	324
All Lanes	334	1565	1573	1697	1624	1584	813	9190	1313	1609	574
08:00 Lane 1 (North)	218	985	1031	1005	1038	946	475	5698	814	1001	347
Lane 2 (South)	271	751	733	784	739	769	558	4605	658	755	415
All Lanes	489	1736	1764	1789	1777	1715	1033	10303	1472	1756	761
09:00 Lane 1 (North)	395	880	915	909	812	894	638	5443	778	882	517
Lane 2 (South)	492	722	878	829	835	816	773	5345	764	816	633
All Lanes	887	1602	1793	1738	1647	1710	1411	10788	1541	1698	1149
10:00 Lane 1 (North)	591	847	985	960	958	971	787	6099	871	944	689
Lane 2 (South)	690	966	987	1040	1029	1026	986	6724	961	1010	838
All Lanes	1281	1813	1972	2000	1987	1997	1773	12823	1832	1954	1527
11:00 Lane 1 (North)	687	881	994	911	971	955	1013	6412	916	942	850
Lane 2 (South)	951	935	976	1091	1044	1119	1032	7148	1021	1033	992
All Lanes	1638	1816	1970	2002	2015	2074	2045	13560	1937	1975	1842
12:00 Lane 1 (North)	797	1003	949	993	997	1043	1025	6807	972	997	911
Lane 2 (South)	1002	1112	1080	1078	962	1144	1166	7544	1078	1075	1084
All Lanes	1799	2115	2029	2071	1959	2187	2191	14351	2050	2072	1995
13:00 Lane 1 (North)	978	1035	979	1027	982	1069	965	7035	1005	1018	972
Lane 2 (South)	950	1021	1014	1043	1172	1209	1057	7466	1067	1092	1004
All Lanes	1928	2056	1993	2070	2154	2278	2022	14501	2072	2110	1975
14:00 Lane 1 (North)	898	1121	1072	1154	1139	1126	950	7460	1066	1122	924
Lane 2 (South)	900	1170	1181	1167	1191	1347	958	7914	1131	1211	929
All Lanes	1798	2291	2253	2321	2330	2473	1908	15374	2196	2334	1853
15:00 Lane 1 (North)	821	1146	1206	1209	1276	1313	878	7849	1121	1230	850
Lane 2 (South)	896	1439	1418	1463	1487	1428	1030	9161	1309	1447	963
All Lanes	1717	2585	2624	2672	2763	2741	1908	17010	2430	2677	1813
16:00 Lane 1 (North)	714	1066	1062	1078	1100	1137	808	6965	995	1089	761
Lane 2 (South)	724	1227	1289	1332	1359	1373	866	8170	1167	1316	795
All Lanes	1438	2293	2351	2410	2459	2510	1674	15135	2162	2405	1556
17:00 Lane 1 (North)	651	947	1109	1161	1205	1106	792	6971	996	1106	722
Lane 2 (South)	617	1121	1300	1239	1179	1324	728	7508	1073	1233	673
All Lanes	1268	2068	2409	2400	2384	2430	1520	14479	2068	2338	1394
18:00 Lane 1 (North)	624	747	825	851	875	932	744	5598	800	846	684
Lane 2 (South)	523	819	875	847	1053	1087	674	5878	840	936	599
All Lanes	1147	1566	1700	1698	1928	2019	1418	11476	1639	1782	1283
19:00 Lane 1 (North)	668	658	649	757	741	790	654	4917	702	719	661
Lane 2 (South)	507	678	770	746	804	827	580	4912	702	765	544
All Lanes	1175	1336	1419	1503	1545	1617	1234	9829	1404	1484	1205
20:00 Lane 1 (North)	633	686	662	719	743	699	509	4651	664	702	571
Lane 2 (South)	446	589	564	673	689	640	491	4092	585	631	469
All Lanes	1079	1275	1226	1392	1432	1339	1000	8743	1249	1333	1040
21:00 Lane 1 (North)	556	470	577	558	633	703	525	4022	575	588	541
Lane 2 (South)	449	373	502	465	528	651	405	3373	482	504	427
All Lanes	1005	843	1079	1023	1161	1354	930	7395	1056	1092	968
22:00 Lane 1 (North)	439	434	461	455	516	577	431	3313	473	489	435
Lane 2 (South)	333	405	439	421	466	503	413	2980	426	447	373
All Lanes	772	839	900	876	982	1080	844	6293	899	935	808
23:00 Lane 1 (North)	265	299	346	328	320	413	322	2293	328	341	294
Lane 2 (South)	208	331	313	324	375	387	347	2285	326	346	278
All Lanes	473	630	659	652	695	800	669	4578	654	687	571
Total	21903	31038	32597	33201	33737	34818	26727	214021	30574	33078	24315

Station Name:Division E of Walker
Site ID:000000DIV040
Station Num:000000000010
Description:
City:Windsor
County:
Start Date/Time:04/30/06 00:00
End Date/Time:05/06/06 23:59

4/30/2006	30 Sun	1 Mon	2 Tue	3 Wed	4 Thu	5 Fri	6 Sat	Total	Daily Avg.	Wkday Avg.	Wkend Avg.
00:00 Lane 1 (West)			37	47	39	54	62	239	48	44	62
Lane 2 (East)			43	30	40	44	96	253	51	39	96
All Lanes			80	77	79	98	158	492	98	84	158
01:00 Lane 1 (West)			36	21	23	24	33	137	27	26	33
Lane 2 (East)			21	26	27	31	41	146	29	26	41
All Lanes			57	47	50	55	74	283	57	52	74
02:00 Lane 1 (West)			15	14	10	21	27	87	17	15	27
Lane 2 (East)			32	19	30	29	26	136	27	28	26
All Lanes			47	33	40	50	53	223	45	43	53
03:00 Lane 1 (West)			6	11	21	15	16	69	14	13	16
Lane 2 (East)			12	19	19	30	31	111	22	20	31
All Lanes			18	30	40	45	47	180	36	33	47
04:00 Lane 1 (West)			33	40	40	36	20	169	34	37	20
Lane 2 (East)			41	46	45	43	11	186	37	44	11
All Lanes			74	86	85	79	31	355	71	81	31
05:00 Lane 1 (West)			104	98	108	87	61	458	92	99	61
Lane 2 (East)			115	117	126	110	35	503	101	117	35
All Lanes			219	215	234	197	96	961	192	216	96
06:00 Lane 1 (West)			302	319	281	327	106	1335	267	307	106
Lane 2 (East)			325	300	306	299	114	1344	269	308	114
All Lanes			627	619	587	626	220	2679	536	615	220
07:00 Lane 1 (West)			537	508	476	471	212	2204	441	498	212
Lane 2 (East)			400	407	386	391	176	1760	352	396	176
All Lanes			937	915	862	862	388	3964	793	894	388
08:00 Lane 1 (West)			633	572	530	527	355	2617	523	566	355
Lane 2 (East)			384	350	388	376	264	1762	352	375	264
All Lanes			1017	922	918	903	619	4379	876	940	619
09:00 Lane 1 (West)			498	452	462	460	475	2347	469	468	475
Lane 2 (East)			363	373	327	346	343	1752	350	352	343
All Lanes			861	825	789	806	818	4099	820	820	818
10:00 Lane 1 (West)			490	504	499	478	534	2505	501	493	534
Lane 2 (East)			392	414	363	437	415	2021	404	402	415
All Lanes			882	918	862	915	949	4526	905	894	949
11:00 Lane 1 (West)			512	524	492	537	579	2644	529	516	579
Lane 2 (East)			459	414	502	453	554	2382	476	457	554
All Lanes			971	938	994	990	1133	5026	1005	973	1133
12:00 Lane 1 (West)			500	558	522	515	554	2649	530	524	554
Lane 2 (East)			502	518	515	543	565	2643	529	520	565
All Lanes			1002	1076	1037	1058	1119	5292	1058	1043	1119
13:00 Lane 1 (West)			452	455	493	511	578	2489	498	478	578
Lane 2 (East)			452	529	480	561	545	2567	513	506	545
All Lanes			904	984	973	1072	1123	5056	1011	983	1123
14:00 Lane 1 (West)			508	513	521	507	466	2515	503	512	466
Lane 2 (East)			544	548	573	599	505	2769	554	566	505
All Lanes			1052	1061	1094	1106	971	5284	1057	1078	971
15:00 Lane 1 (West)			619	606	620	627	435	2907	581	618	435
Lane 2 (East)			612	583	635	616	479	2925	585	612	479
All Lanes			1231	1189	1255	1243	914	5832	1166	1230	914
16:00 Lane 1 (West)			519	560	534	621	428	2662	532	559	428
Lane 2 (East)			562	586	639	642	476	2905	581	607	476
All Lanes			1081	1146	1173	1263	904	5567	1113	1166	904
17:00 Lane 1 (West)			456	489	479	585	332	2341	468	502	332
Lane 2 (East)			508	527	545	510	393	2483	497	523	393
All Lanes			964	1016	1024	1095	725	4824	965	1025	725
18:00 Lane 1 (West)			327	345	357	403	239	1671	334	358	239
Lane 2 (East)			342	382	377	377	300	1778	356	370	300
All Lanes			669	727	734	780	539	3449	690	728	539
19:00 Lane 1 (West)			283	291	293	288	211	1366	273	289	211
Lane 2 (East)			303	332	345	350	208	1538	308	333	208
All Lanes			586	623	638	638	419	2904	581	621	419
20:00 Lane 1 (West)			164	231	243	229	155	1022	204	217	155
Lane 2 (East)			252	237	305	300	192	1286	257	274	192
All Lanes			416	468	548	529	347	2308	462	490	347
21:00 Lane 1 (West)			142	131	146	160	135	714	143	145	135
Lane 2 (East)			214	177	228	222	187	1028	206	210	187
All Lanes			356	308	374	382	322	1742	348	355	322
22:00 Lane 1 (West)			115	117	126	133	108	599	120	123	108
Lane 2 (East)			133	145	151	150	122	701	140	145	122
All Lanes			248	262	277	283	230	1300	260	268	230
23:00 Lane 1 (West)			96	116	106	125	120	563	113	111	120
Lane 2 (East)			96	97	105	120	126	544	109	105	126
All Lanes			192	213	211	245	246	1107	221	215	246
Total			14491	14698	14878	15320	12445	71832	14366	14847	12445

Station Name:Division E of Walker
Site ID:000000DIV040
Station Num:000000000010
Description:
City:Windsor
County:
Start Date/Time:05/07/06 00:00
End Date/Time:05/13/06 23:59

5/7/2006	7 Sun	8 Mon	9 Tue	10 Wed	11 Thu	12 Fri	13 Sat	Total	Daily Avg.	Wkday Avg.	Wkend Avg.
00:00 Lane 1 (West)	53	20						73	37	20	53
Lane 2 (East)	71	40						111	56	40	71
All Lanes	124	60						184	92	60	124
01:00 Lane 1 (West)	25	18						43	22	18	25
Lane 2 (East)	49	20						69	35	20	49
All Lanes	74	38						112	56	38	74
02:00 Lane 1 (West)	31	11						42	21	11	31
Lane 2 (East)	33	12						45	23	12	33
All Lanes	64	23						87	44	23	64
03:00 Lane 1 (West)	9	12						21	11	12	9
Lane 2 (East)	15	11						26	13	11	15
All Lanes	24	23						47	24	23	24
04:00 Lane 1 (West)	10	35						45	23	35	10
Lane 2 (East)	16	46						62	31	46	16
All Lanes	26	81						107	54	81	26
05:00 Lane 1 (West)	32	116						148	74	116	32
Lane 2 (East)	28	126						154	77	126	28
All Lanes	60	242						302	151	242	60
06:00 Lane 1 (West)	50	265						315	158	265	50
Lane 2 (East)	45	311						356	178	311	45
All Lanes	95	576						671	336	576	95
07:00 Lane 1 (West)	108	450						558	279	450	108
Lane 2 (East)	94	319						413	207	319	94
All Lanes	202	769						971	486	769	202
08:00 Lane 1 (West)	152	560						712	356	560	152
Lane 2 (East)	138	371						509	255	371	138
All Lanes	290	931						1221	611	931	290
09:00 Lane 1 (West)	263	463						726	363	463	263
Lane 2 (East)	187	410						597	299	410	187
All Lanes	450	873						1323	662	873	450
10:00 Lane 1 (West)	402	470						872	436	470	402
Lane 2 (East)	354	410						764	382	410	354
All Lanes	756	880						1636	818	880	756
11:00 Lane 1 (West)	429	481						910	455	481	429
Lane 2 (East)	356	435						791	396	435	356
All Lanes	785	916						1701	851	916	785
12:00 Lane 1 (West)	539	497						1036	518	497	539
Lane 2 (East)	458	486						944	472	486	458
All Lanes	997	983						1980	990	983	997
13:00 Lane 1 (West)	501	443						944	472	443	501
Lane 2 (East)	491	460						951	476	460	491
All Lanes	992	903						1895	948	903	992
14:00 Lane 1 (West)	428	493						921	461	493	428
Lane 2 (East)	459	569						1028	514	569	459
All Lanes	887	1062						1949	975	1062	887
15:00 Lane 1 (West)	439	615						1054	527	615	439
Lane 2 (East)	462	562						1024	512	562	462
All Lanes	901	1177						2078	1039	1177	901
16:00 Lane 1 (West)	318	553						871	436	553	318
Lane 2 (East)	434	602						1036	518	602	434
All Lanes	752	1155						1907	954	1155	752
17:00 Lane 1 (West)	260	524						784	392	524	260
Lane 2 (East)	358	533						891	446	533	358
All Lanes	618	1057						1675	838	1057	618
18:00 Lane 1 (West)	200	414						614	307	414	200
Lane 2 (East)	207	378						585	293	378	207
All Lanes	407	792						1199	600	792	407
19:00 Lane 1 (West)	237	272						509	255	272	237
Lane 2 (East)	298	334						632	316	334	298
All Lanes	535	606						1141	571	606	535
20:00 Lane 1 (West)	200	222						422	211	222	200
Lane 2 (East)	222	268						490	245	268	222
All Lanes	422	490						912	456	490	422
21:00 Lane 1 (West)	126	119						245	123	119	126
Lane 2 (East)	178	195						373	187	195	178
All Lanes	304	314						618	309	314	304
22:00 Lane 1 (West)	102	115						217	109	115	102
Lane 2 (East)	161	143						304	152	143	161
All Lanes	263	258						521	261	258	263
23:00 Lane 1 (West)	68	99						167	84	99	68
Lane 2 (East)	85	87						172	86	87	85
All Lanes	153	186						339	170	186	153
Total	10181	14395						24576	12288	14395	10181

DIVISRD
STAMSON 5.0 NORMAL REPORT Date: 11-08-2015 17:17:25
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR on Division Rd

Road data, segment # 1: Division rd

Car traffic volume : 326 veh/TimePeriod
Medium truck volume : 10 veh/TimePeriod
Heavy truck volume : 10 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: Division rd

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 50.00 m
Receiver height : 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Division rd

Source height = 1.30 m

ROAD (0.00 + 53.97 + 0.00) = 53.97 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	64.11	0.00	-8.68	-1.46	0.00	0.00	0.00	53.97

Segment Leq : 53.97 dBA

Total Leq All Segments: 53.97 dBA

TOTAL Leq FROM ALL SOURCES: 53.97
♀

STAMSON 5.0 NORMAL REPORT Date: 11-08-2015 17:19:13
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR near EC Row

Road data, segment # 1: EC Row EB

Car traffic volume : 723 veh/TimePeriod
Medium truck volume : 23 veh/TimePeriod
Heavy truck volume : 23 veh/TimePeriod
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: EC Row EB

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 135.00 m
Receiver height : 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: EC Row WB

Car traffic volume : 865 veh/TimePeriod
Medium truck volume : 28 veh/TimePeriod
Heavy truck volume : 28 veh/TimePeriod
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: EC Row WB

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 115.00 m
Receiver height : 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

♀Page 2

Results segment # 1: EC Row EB

Source height = 1.32 m

ROAD (0.00 + 55.14 + 0.00) = 55.14 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	72.44	0.00	-15.84	-1.46	0.00	0.00	0.00	55.14

Segment Leq : 55.14 dBA

Results segment # 2: EC Row WB

ECROW

Source height = 1.32 m

ROAD (0.00 + 57.11 + 0.00) = 57.11 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	73.25	0.00	-14.68	-1.46	0.00	0.00	0.00	57.11

Segment Leq : 57.11 dBA

Total Leq All Segments: 59.25 dBA

TOTAL Leq FROM ALL SOURCES: 59.25

♀

LAUZONRD
STAMSON 5.0 NORMAL REPORT Date: 11-08-2015 17:15:40
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR on Lauzon Rd

Road data, segment # 1: Lauzon Prkwy

Car traffic volume : 377 veh/TimePeriod
Medium truck volume : 12 veh/TimePeriod
Heavy truck volume : 12 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: Lauzon Prkwy

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 500.00 m
Receiver height : 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Lauzon Prkwy

Source height = 1.32 m

ROAD (0.00 + 38.11 + 0.00) = 38.11 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	64.85	0.00	-25.28	-1.46	0.00	0.00	0.00	38.11

Segment Leq : 38.11 dBA

Total Leq All Segments: 38.11 dBA

TOTAL Leq FROM ALL SOURCES: 38.11
♀

POR on Division Rd.

Distance from house to middle of road:	50	m	
Type of road:	2 lanes (1 lane each direction)		
Assumed speed limit:	60 km/hr		
Height of receptor:	1.5 m		
Lowest traffic count between 7 & 9 pm:	347	veh/hr (all lanes)	
Percent medium trucks:	3%	10	vehicles
Percent heavy trucks:	3%	10	vehicles
Cars	94%	326	vehicles
Noise level at POR:	**53.97**	**dBA**	

POR near EC Row (EB)

Distance from house to middle of road:	135	m	
Type of road:	2 lanes EB		
Assumed speed limit:	100 km/hr		
Height of receptor:	1.5 m		
Lowest traffic count between 7 & 9 pm:	769	veh/hr (all lanes)	
Percent medium trucks:	3%	23	vehicles
Percent heavy trucks:	3%	23	vehicles
Cars	94%	723	vehicles
Noise level at POR:	**55.14**	**dBA**	

POR near EC Row (WB)

Distance from house to middle of road:	115	m	
Type of road:	2 lanes EB		
Assumed speed limit:	100 km/hr		
Height of receptor:	1.5 m		
Lowest traffic count between 7 & 9 pm:	920	veh/hr (all lanes)	
Percent medium trucks:	3%	28	vehicles
Percent heavy trucks:	3%	28	vehicles
Cars	94%	865	vehicles
Noise level at POR:	**57.11**	**dBA**	

APPENDIX E

Panels

MAXPOWER CS6X-310|315|320P

The high quality and reliability of Canadian Solar's modules is ensured by 15 years of experience in module manufacturing, well-engineered module design, stringent BOM quality testing, an automated manufacturing process and 100% EL testing.

25 years linear power output warranty

10 years product warranty on materials and workmanship

KEY FEATURES

- Excellent module efficiency of up to 16.68 %
- Outstanding low irradiance performance: 96.0 %
- +5Wp — Positive power tolerance of up to 5 W
- No. 1 PTC — High PTC rating of up to 91.97%
- IP67 junction box for long-term weather endurance
- Heavy snow load up to 5400 Pa, wind load up to 2400 Pa
- Salt mist, ammonia and blowing sand resistance, apply to seaside, farm and desert environments*

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2008 / Quality management system
ISO/TS 16949:2009 / The automotive industry quality management system
ISO 14001:2004 / Standards for environmental management system
OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / MCS / CE / SII / CEC AU / INMETRO
UL 1703 / IEC 61215 performance: CEC listed (US)
UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE / IEC 60068-2-68: SGS
Take-e-way / UNI 9177 Reaction to Fire: Class 1

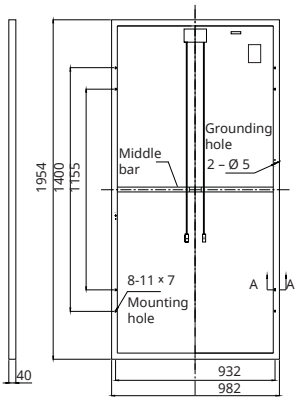
* As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading manufacturer of solar modules and PV project developer with over 14 GW of premium quality modules deployed around the world since 2001, Canadian Solar Inc. (NASDAQ: CSIQ) is one of the most bankable solar companies worldwide.

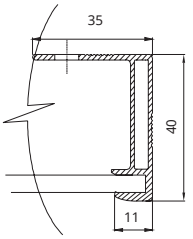
CANADIAN SOLAR (USA) INC.
2420 Camino Ramon, Suite 125 San Ramon, CA, USA 94583-4385, www.canadiansolar.com, sales.us@canadiansolar.com

ENGINEERING DRAWING (mm)

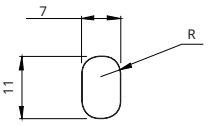
Rear View



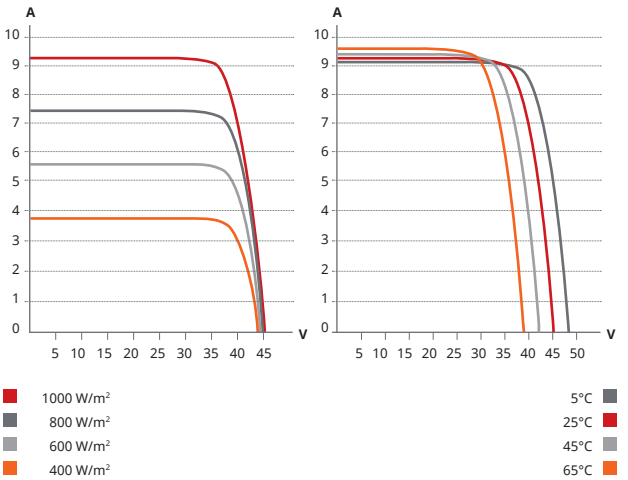
Frame Cross Section A-A



Mounting Hole



CS6X-320P / I-V CURVES



ELECTRICAL DATA / STC*

CS6X	310P	315P	320P
Nominal Max. Power (Pmax)	310 W	315 W	320 W
Opt. Operating Voltage (Vmp)	36.4 V	36.6 V	36.8 V
Opt. Operating Current (Imp)	8.52 A	8.61 A	8.69 A
Open Circuit Voltage (Voc)	44.9 V	45.1 V	45.3 V
Short Circuit Current (Isc)	9.08 A	9.18 A	9.26 A
Module Efficiency	16.16 %	16.42 %	16.68 %
Operating Temperature	-40°C ~ +85°C		
Max. System Voltage	1000 V (IEC) or 1000 V (UL)		
Module Fire Performance	TYPE 1 (UL 1703) or CLASS C (IEC 61730)		
Max. Series Fuse Rating	15 A		
Application Classification	Class A		
Power Tolerance	0 ~ + 5 W		

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL DATA / NOCT*

CS6X	310P	315P	320P
Nominal Max. Power (Pmax)	225 W	228 W	232 W
Opt. Operating Voltage (Vmp)	33.2 V	33.4 V	33.6 V
Opt. Operating Current (Imp)	6.77 A	6.84 A	6.91 A
Open Circuit Voltage (Voc)	41.3 V	41.5 V	41.6 V
Short Circuit Current (Isc)	7.36 A	7.44 A	7.50 A

* Under Nominal Operating Cell Temperature (NOCT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

PERFORMANCE AT LOW IRRADIANCE

Industry leading performance at low irradiance, average relative efficiency of 96.0 % from an irradiance of 1000 W/m² to 200 W/m² (AM 1.5, 25°C).

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to on-going innovation, research and product enhancement, Canadian Solar Inc. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

Caution: For professional use only. The installation and handling of PV modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the modules.

MECHANICAL DATA

Specification	Data
Cell Type	Poly-crystalline, 6 inch
Cell Arrangement	72 (6×12)
Dimensions	1954×982×40 mm (76.9×38.7×1.57 in)
Weight	22 kg (48.5 lbs)
Front Cover	3.2 mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67, 3 diodes
Cable	4 mm² (IEC) or 4 mm² & 12 AWG 1000V (UL), 1150 mm (45.3 in)
Connectors	Friends PV2a (IEC), Friends PV2b (IEC / UL)
Standard Packaging	26 pieces, 620 kg (1366.9 lbs) (quantity & weight per pallet)
Module Pieces per Container	624 pieces (40' HQ)

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.41 % / °C
Temperature Coefficient (Voc)	-0.31 % / °C
Temperature Coefficient (Isc)	0.053 % / °C
Nominal Operating Cell Temperature	45±2 °C

PARTNER SECTION

Scan this QR-code to discover solar projects built with this module

CANADIAN SOLAR (USA) INC. Mar. 2016. All rights reserved, PV Module Product Datasheet V5.4C1_NA

APPENDIX F

MV Stations

Acoustic Environmental Test

SC 800CP-US central inverter

(Extract of Test report SC800CP-US-91:LE1613)

1 Overview

Project title:	SC800CP-US
Type of test / thresholds and requirements:	Sound level measurement according to DIN EN ISO 3744:2011-02 and DIN EN ISO 9614-2:2010-11 of sinusoidal, irregularly shaped, transient signals. Classification of ambient conditions in compliance with the German Noise Control Guidelines (TA Lärm). (according to Section 2)
Type of device:	e.g. solar central inverter for large-scale PV power plants
Type designation:	SC800CP-US
Test specification:	Level of emissions according to the German Noise Control Guidelines and acoustic power

2 Results

The EN 3744:04/2005 and German Noise Control Guidelines form the testing specification for the thresholds and requirements	Requirement		Results [dBA]/ without fan (distance 1m)	Results [dBA]/ with fan (distance 1m)
	Standard (Germany)	SMA		
EN 3744:2011-02 typical value; LAeq averaged [1]	-	-	-	78,74
§48 of the German Federal Emission Control ACT (BImSchG): 09-2002 German Noise Control Guidelines; L_{pa} [2]	-	-	-	77,81
EN 9614-2 sound power L_{WA} [3]	-	-	-	92,30
Sound pressure level in 10m L_{xpA} [4]	-	-	-	64,31
Sound pressure level in 50m L_{xpA} [4]	-	-	-	50,32
Overall result (if applicable)			*Standard requirments: - passed	

* Dependent on the local conditions at the mounting location (distance of 10m standard)

3 Operating States

The following states and configurations have been defined as operating conditions:

- Operation of the inverter.
- Operating conditions: UDC =820 V; 800 kW
- The device fans must be running.
- The unit under test must have reached its operating temperature.
- The unit under test must have reached an operating temperature of 25°C.

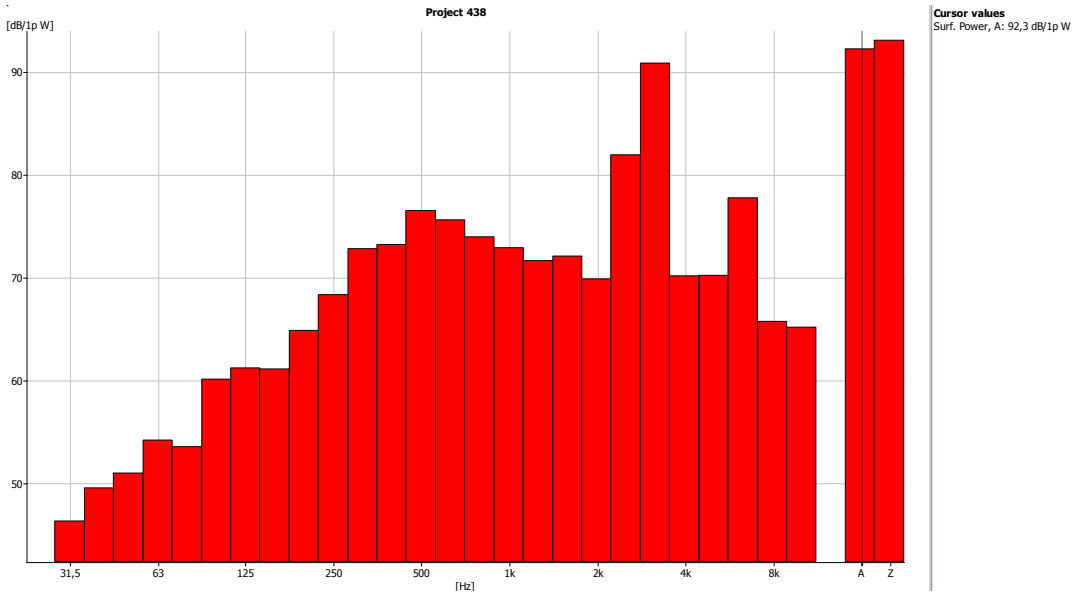
4 Calculating the Acoustic Power

L_{pA} =	average sound pressure level on the measurement surface [dB_A] *	77.81
S =	overall measurement surface [m^2]	28.09
S_0 =	1 [m^2]	

* This specified spatially/temporally averaged sound pressure level was determined using the calcu-lated acoustic power level.
$L_{PA} = L_{WA} - 10\log (S/S_0)$

Acoustic power of L_{WA}= 92,3 dBA/W results for the measurement.

Acoustic Power Levels of the Third Octave Band Frequencies According to EN ISO 9614-2



A-rated sound power = 92.3 $dB_{A/W}$

Z-rated sound power = 93.1 $dB_{A/W}$

A-rated acoustic power – based on physiologic human hearing

Z-rated acoustic power – technically linear measured value

5 Overview of the Acoustic Power

Third octave band center frequency [Hz]	Acoustic power- level LwA [dBA/pW] 880 kW	Acoustic power- level LwZ [dBA/pW] 880 kW
25 Hz	42,33	–
31.5 Hz	46,34	–
40 Hz	49,56	–
50 Hz	51	–
63 Hz	54,21	–
80 Hz	53,57	–
100 Hz	60,14	–
125 Hz	61,23	–
160 Hz	61,13	–
200 Hz	64,88	–
250 Hz	68,36	–
315 Hz	72,83	–
400 Hz	73,24	–
500 Hz	76,54	–
630 Hz	75,64	–
800 Hz	73,99	–
1 kHz	72,93	–
1.25 kHz	71,67	–
1.6 kHz	72,11	–
2 kHz	69,89	–
2.5 kHz	81,96	–
3.15 kHz	90,89	–
4 kHz	70,19	–
5 kHz	70,24	–
6.3 kHz	77,78	–
8 kHz	65,76	–
10 kHz	65,2	–
Acoustic power above the surface	A-rated	Z-rated
	92,3	93.1

6 Deriving the Emission Sound Pressure Level at a Distance

The calculated acoustic power can be used to derive an A-rated sound pressure level L_{xpA} for undirected sources at any distance x.

$$LxpA = LwA + Ko - 10 \cdot \log\left(4 \cdot \pi \cdot \frac{X^2}{So}\right)$$

K_0 = solid angle index on the floor 3 [dB]
X = distance from the source [m]
S_0 = 1 m

Device	Distance X [m]	Sound pressure level LxpA [dBA] without fan	Sound pressure level LxpA [dBA] with fan
SC800CP-US	10	–	64,30
	50	–	50.33

7 Appendix - Calculations

deriving sound pressure level at a distance

LxpA = LWA + K0 - 10log (4*PI*(x^2/S0))

LWA 92,3dB
K0 3dB
x 10m
S0 1m

LxpA 64,31dBA

SMA America, LLC
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Denver, CO 80239
+1 720 369 7712
ken.christensen@SMA-America.com

June 17, 2013

To whom it may concern:

The purpose of this letter is to confirm that the SMA SC 800CP-CA inverter is in every way technically equivalent to the SC 800CP-US inverter. The only difference between these two inverters is that the CP-CA is manufactured at Celestica to meet the local content requirements of projects in Ontario.

The installation manual and operators manual call out both the "CP-CA" and "CP-US" inverter names. A datasheet with the "CP-CA" name is currently being drafted and SMA will send that datasheet to you as soon as possible.

SMA values our established partnership and we look forward to supporting your PV solar projects in Ontario and the rest of the world. Should you have any questions or need additional information, please do not hesitate to contact me or anyone on the SMA team.

Sincerely,

Ken Christensen
Global Product Manager, North America

1.6 MVA Inverter Transformer - Sound Power Calc. based on conservative noise rating of 70 dBA (ONAN)

Tranformer Length	120.0	in.
Transformer Width	90.0	in.
Transformer Height	90.0	in.
Horizontal surface area (transformer top + 0.3m)	16319	$in.^2$
Vertical Surface area (+ 0.3m in each direction)	46304	$in.^2$
	435	ft^2
Total Surface area	40.4	m^2

Lw = Lp + 10 x log (S)

Lp	70
Lw	86.1

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	A-weighted correction	PWL (A-weighted)
31.5	-1	-2.4	82.67	87.67	-39.4	48.27
63	5	-2.4	88.67	93.67	-26.2	67.47
125	7	-2.4	90.67	95.67	-16.1	79.57
250	2	-2.4	85.67	90.67	-8.6	82.07
500	2	-2.4	85.67	90.67	-3.2	87.47
1000	-4	-2.4	79.67	84.67	0	84.67
2000	-9	-2.4	74.67	79.67	1.2	80.87
4000	-14	-2.4	69.67	74.67	1	75.67
8000	-21	-2.4	62.67	67.67	-1.1	66.57
Overall:			**94.7**	**99.7**		**91.0**

Lp: Sound pressure level

Lw: Sound Power Level

Note: The calculations are based on a conservative noise rating for the transformer. At this point the final selection of transformers is not complete. It is expected that the final selection of transformer would have lower noise levels.

Transformer dimensions are estimated based on transformers with similar power rating.

APPENDIX G

UTM Coordinates of Noise Components

Table 2: Noise Source Summary

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV01	100.3	O	T	U	339515	4682250	2
MV02	100.3	O	T	U	339697	4682250	2
MV03	100.3	O	T	U	339750	4682078	2
MV04	100.3	O	T	U	339798	4681902	2
MV05	100.3	O	T	U	339850	4682258	2
MV06	100.3	O	T	U	339932	4682080	2
MV07	100.3	O	T	U	339932	4682452	2
MV08	100.3	O	T	U	340016	4682259	2
MV09	100.3	O	T	U	340096	4682080	2
MV10	100.3	O	T	U	340074	4682522	2
MV11	100.3	O	T	U	340156	4682335	2
MV12	100.3	O	T	U	340238	4682172	2
MV13	100.3	O	T	U	340243	4682522	2
MV14	100.3	O	T	U	340322	4682335	2
MV15	100.3	O	T	U	339989	4682761	2
MV16	100.3	O	T	U	340153	4682797	2
MV17	100.3	O	T	U	340283	4682873	2
MV18	100.3	O	T	U	340442	4682873	2
MV19	100.3	O	T	U	340610	4682934	2
MV20	100.3	O	T	U	340699	4683093	2
MV21	100.3	O	T	U	340763	4682933	2
MV22	100.3	O	T	U	340848	4683134	2
MV23	100.3	O	T	U	340935	4682933	2
MV24	100.3	O	T	U	340967	4683245	2
MV25	100.3	O	T	U	341037	4683084	2
MV26	100.3	O	T	U	341095	4682931	2
MV27	100.3	O	T	U	341137	4683279	2
MV28	100.3	O	T	U	341216	4683101	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV29	100.3	O	T	U	341288	4683339	2
MV30	100.3	O	T	U	341359	4683177	2
MV01T	91.1	O	T	U	339520	4682250	2
MV02T	91.1	O	T	U	339703	4682250	2
MV03T	91.1	O	T	U	339756	4682078	2
MV04T	91.1	O	T	U	339804	4681902	2
MV05T	91.1	O	T	U	339856	4682258	2
MV06T	91.1	O	T	U	339937	4682080	2
MV07T	91.1	O	T	U	339937	4682452	2
MV08T	91.1	O	T	U	340021	4682259	2
MV09T	91.1	O	T	U	340101	4682080	2
MV10T	91.1	O	T	U	340068	4682522	2
MV11T	91.1	O	T	U	340161	4682335	2
MV12T	91.1	O	T	U	340232	4682172	2
MV13T	91.1	O	T	U	340249	4682522	2
MV14T	91.1	O	T	U	340317	4682335	2
MV15T	91.1	O	T	U	339995	4682761	2
MV16T	91.1	O	T	U	340159	4682797	2
MV17T	91.1	O	T	U	340289	4682873	2
MV18T	91.1	O	T	U	340447	4682873	2
MV19T	91.1	O	T	U	340615	4682934	2
MV20T	91.1	O	T	U	340693	4683093	2
MV21T	91.1	O	T	U	340758	4682933	2
MV22T	91.1	O	T	U	340854	4683134	2
MV23T	91.1	O	T	U	340941	4682933	2
MV24T	91.1	O	T	U	340962	4683245	2
MV25T	91.1	O	T	U	341032	4683084	2
MV26T	91.1	O	T	U	341089	4682931	2
MV27T	91.1	O	T	U	341143	4683279	2
MV28T	91.1	O	T	U	341221	4683101	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV29T	91.1	O	T	U	341282	4683339	2
MV30T	91.1	O	T	U	341353	4683177	2
TRS	111.2	O	T	U	341231	4683532	3.8
DSTAT	96.6	O	T	U	341263	4683537	2.5
LR	87	O	T	U	341245	4683544	3.05

Note:
PWL (dBA) represents A-weighted overall sound power level for each noise source.
For each MV station there will be two (2) 800 kW inverters within the enclosure, hence the 3 dB high noise levels in comparison to the overall PWL provided in Table 1.

Noise Source Summary Table
Notes:

1. Source Locations

O – located/installed outside of a building, including on the roof
I – located/installed inside a building

2. Sound Characteristics

S – Steady
Q – Quasi Steady
Impulsive

I – Impulsive
B – Buzzing
T – Tonal
C – Cyclic
Int – Intermittent

3. Noise Control Measures

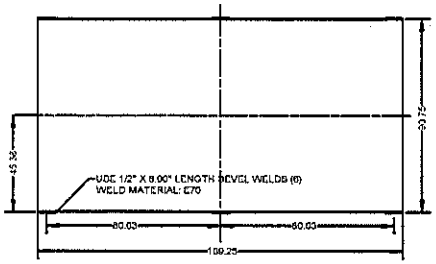
S – silencer, acoustic louver, muffler
A – acoustic lining, plenum

B – barrier, berm, screening
L – lagging
E – acoustic enclosure
O – other
U – uncontrolled

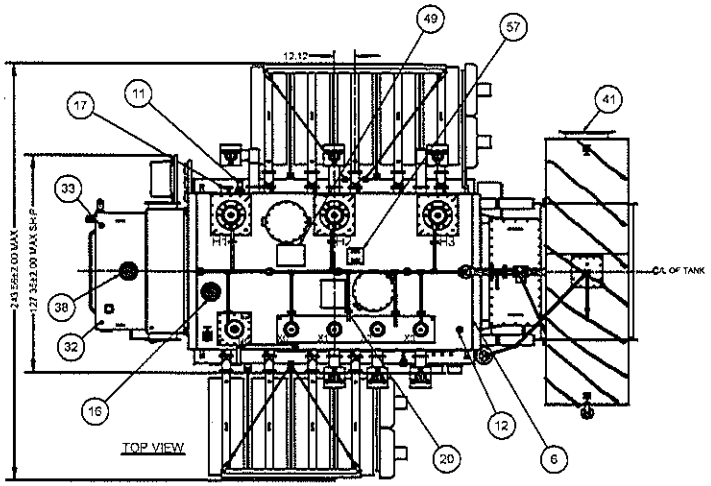
APPENDIX H

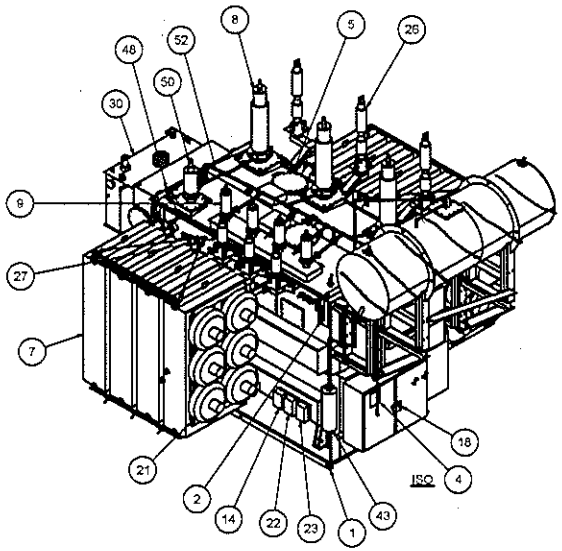
Substation

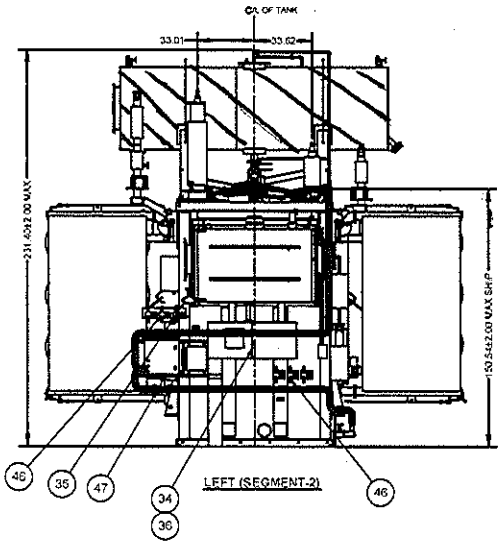
For Reference Only

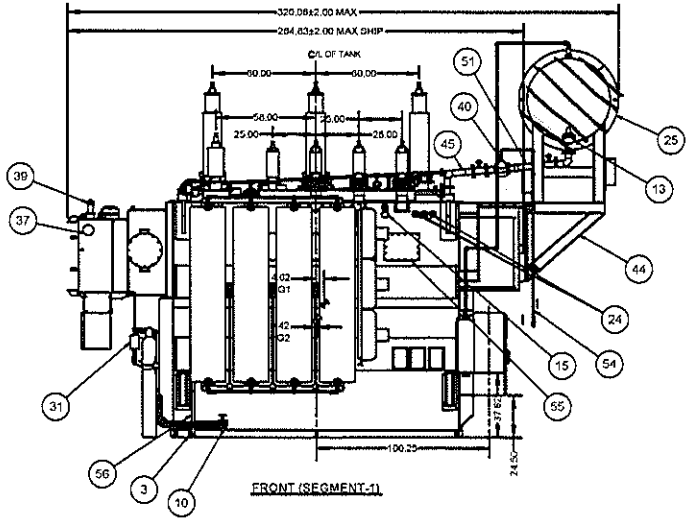


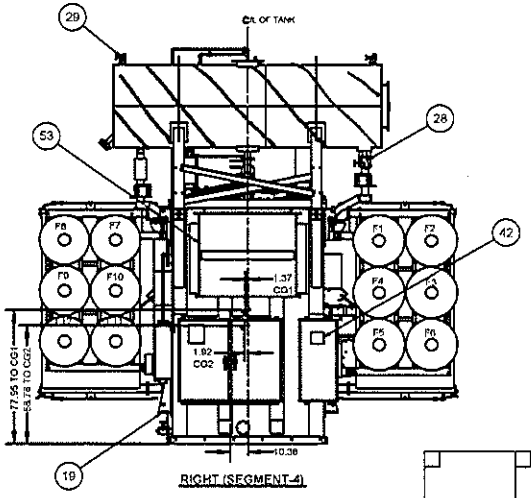
BASE DETAIL (WELD TO FOUNDATION)











Customer:

NOTE:
REFER SHEET 101.1 FOR ITEM DESCRIPTION AND NOTES

Warranty Field Work:
If, at the job site, the equipment is found to have not conformed to specifications or needs re-work covered under warranty, all parties concerned shall provide full access to Virginia Transformer Corp. or their representatives to work on the unit(s) at the job site. The method of repair/re-work will be determined solely by Virginia Transformer Corp.

TOLERANCES
IF NO TOLERANCES SHOWN ±0.5[12.7] OTHERWISE:
∧ ±0.25(6.3)
o ±1.0(25.4)

ALL DIMENSIONS IN INCHES & [IN mm IF SHOWN IN PARENTHESIS]

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HA060A-101.idw

VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-0892

TITLE: DIMENSIONAL OUTLINE JOB # HA060A
DWN: RCV CHK: REW DATE: 12/8/15
D 48033MA005U SHEET 101 REVISION 0

For Reference Only

ITEMS:
1. PROVISION ON BASE FOR SKIDDING
2. TRANSFORMER LIFTING LUGS (4)
3. STAINLESS STEEL GROUND PAD, LOCATED ON DIAGONALLY OPPOSITE SIDE OF TANK
4. STAINLESS STEEL DIAGRAMMATIC NAMEPLATE
5. 20" DIA MANHOLES WITH COVER (2)
6. WELDED TOP COVER WITH SLOPES FROM CENTERLINE
7. COOLING RADIATORS (9), HOT DIPPED GALVANIZED, UNPAINTED, DEMOUNTABLE WITH ISOLATION VALVES, LIFTING EYES AND 1/2" DRAIN AND VENT PLUGS
8. HV DRAWLEAD BUSHING, 138 kV, 650 kV BIL, 800A (3), ABB MAKE, WITH 1.50" SILVER PLATED STUD
9. LV AND LV NEUTRAL BOTTOM CONNECTED BUSHING, 34.5 kV, 200 kV BIL, 1200A (4), PCORE, WITH WITH 1.50" SILVER PLATED STUD
10. 2" COMBINATION LOWER DRAIN AND FILTER VALVE, FLANGED TYPE, WITH 3/8" SAMPLER AND PLUG.
11. 2" UPPER FILTER VALVE,FLANGED TYPE, WITH PLUG
12. VTC PRESSURIZATION TEST POINT/GAS INJECTION POINT WITH 1/2" BALL VALVE
13. ~~CONSERVATOR LIQUID LEVEL GAUGE~~
14. OIL TEMPERATURE GAUGE WITH CONTACTS
15. PRESSURE VACUUM GAUGE (FOR SHIPPING ONLY)
16. PRESSURE RELIEF DEVICE WITH CONTACTS AND FLAG
17. PROVISION FOR 1 EXTRA RADIATOR
18. CONTROL BOX, NEMA 4, 60 x 48 x 18
19. JACK PADS (4) WITH PULLING EYES
20. BOX FOR LV CT FEED-THRU'S AND CORE GROUND BUSHINGS (MAIN & PA)
21. COOLING FANS (12), MOUNTED ON BRACKETS
22. HV WINDING TEMPERATURE GAUGE, SIMULATION SYSTEM, WITH CONTACTS
23. LV WINDING TEMPERATURE GAUGE, SIMULATION SYSTEM, WITH CONTACTS
24. THERMOWELLS FOR TEMPERATURE GAUGES AND RTD (4), MOUNTED ON FLANGE
25. ~~CONSERVATOR WITH DIAPHRAGM AIR BLADDER~~
26. HV STATION CLASS ARRESTER, POLYMER, 94 kV, 73 kV MCOV, ABB MAKE
27. LV STATION CLASS ARRESTER, POLYMER, 27 kV, 22 kV MCOV, ABB MAKE
28. ~~CONSERVATOR CLAMP WITH DRAIN VALVE~~
29. ~~2" CONSERVATOR FILL VALVE~~
30. LOAD TAP CHANGER SWITCH COMPARTMENT, TYPE RMV-II, 26.4 kV, 1500A
31. LTC DE-HYDRATING BREATHER, WITH TUBING AND SHUT OFF VALVE
32. 1" LTC OIL FILLING PLUG
33. 2" LTC VACUUM FILLING PLUG
34. LTC POSITION INDICATOR WITH DRAG HAND
35. 2" LTC DRAIN VALVE WITH 3/8" SAMPLER AND PLUG, FLANGED GLOBE TYPE
36. LTC HAND CRANK OPERATING LOCATION
37. LTC LIQUID LEVEL GAUGE WITH CONTACTS
38. LTC PRESSURE RELIEF DEVICE WITH CONTACTS AND FLAG
39. LTC SUDDEN PRESSURE RELAY
40. BUCHHOLZ RELAY WITH ISOLATION VALVES (BALL TYPE)
41. BOLTED ACCESS COVER ON CONSERVATOR
42. AUTOMATIC TRANSFER SWITCH
43. DE-HYDRATING BREATHER FOR CONSERVATOR AIR BLADDER
44. SUPPORT FOR CONSERVATOR
45. 3" PIPING FROM CONSERVATOR TO TANK
46. SURGE COUNTERS FOR HV AND LV ARRESTERS (6)
47. SERVERON TM3 ON-LINE DGA MONITOR
48. 2" VACUUM VALVE, FLANGED GLOBE TYPE
49. BOX FOR HV CT FEED-THRU'S
50. HV NEUTRAL DRAW LEAD BUSHING, 46 kV, 250 kV BIL, 400A (4), PCORE MAKE, WITH 1.50" SILVER PLATED STUD
51. FLEXIBLE PIPE CONNECTOR
52. GAS COLLECTING PIPE
53. COMPARTMENT FOR PREVENTIVE AUTO TRANSFORMER
54. STAINLESS STEEL PIPING FOR BUCHHOLZ RELAY GAS SAMPLING VALVE
55. HANDHOLE (4) FOR LV INTERNAL BOTTOM CONNECTION
56. 1/4 X 2.00 COPPER GROUND BUS WITH INSULATORS FOR H0 AND X0 BUSHINGS
57. FALL PROTECTION PLATE

NOTES:
1. TYPE II MINERAL OIL FILLED TRANSFORMER, APPROXIMATELY 8,600 GALLONS
2. OUTDOOR SERVICE
3. PAINT: ANSI-70, URETHANE OVER EPOXY (VTC PAINT SYSTEM III), TANK INSIDE AND CORE CLAMPS PAINTED WHITE, TOP COVER AND LTC TOP WITH ANTI-SKID COATING.
4. TOUCH UP PAINT KIT PROVIDED
5. ~~UNIT DESIGNED FOR CONSERVATOR TYPE OIL PRESERVATION SYSTEM.~~
6. SEE 20 SERIES SHEETS FOR SCHEMATIC
7. ACCESSORY WIRING IN RIGID GALVANIZED STEEL CONDUIT; FINAL SHORT RUNS MAY BE FLEXIBLE LIQUID TIGHT CONDUIT; FANS WILL BE HARDWIRED TO THE FAN BOX
8. CG1 IS FULLY ASSEMBLED, CG2 IS AS SHIPPED
9. UNIT DESIGNED FOR FULL VACUUM OIL FILLING
10. UNIT SHIPS WITH FOLLOWING ITEMS DEMOUNTED;

ITEM:	SHIPPING WEIGHT:
HV BUSHINGS/ HV PADS	1,000 LBS
LV/X0/H0 BUSHING & SPADE	450 LBS
SFRA TEST BUSHINGS/PLATES	150 LBS
HV/LV ARRESTERS & BRACKETS	475 LBS
RADIATORS AND FANS WITH BRACKET	19,100 LBS
CONSERVATOR	4,500 LBS
B'RELAY PIPE & GAS EXP. PIPE	500 LBS
OIL IN TANKER (8,400 GALLONS)	63,000 LBS
MAIN UNIT	125,825 LBS
268 GALLONS OF OIL SHIP INSIDE LTC	
132 GALLONS OF OIL REMAINS IN MAIN TANK	
UNIT SHIPS WITHOUT OIL, FILLED WITH DRY AIR	

11. UNIT DESIGNED FOR OPERATION AT MINIMUM AMBIENT - 20deg C, 45deg C MAX AMBIENT AND 3300 FT ELEVATION
12. GASKET COMPRESSION CONTROL VIA MACHINED GROOVE FLANGES OR METAL TO METAL STOPS EXCEPT FOR ITEMS MOUNTED IN BOXES
13. CONTRACTED DOCUMENTS SHIP INSIDE CONTROL BOX
14. ALL EXTERNAL HARDWARE IS TO BE STEEL ZINC
15. UNIT DESIGNED FOR HIGH LEVEL SEISMIC REQUIREMENTS OF IEEE 693-2005
16. UNIT SHIPS WITH IMPACT RECORDER
17. UNTANKING HEIGHT 258.25" PLUS SLINGS
18. ALL TANK SEAMS ARE WELDED FROM INSIDE AND OUTSIDE, NO CORNER WELDS WITHIN 6" OF CORNER
19. EACH DEVICE, VALVE OR GAUGE TO BE IDENTIFIED USING ENGRAVED SSTL TAGS
20. 5 YEARS EXTENDED WARRANTY IS PROVIDED
21. SFRA TEST TO BE PROVIDED AT FACTORY AND AT SITE, IN TRANSPORT READY AND FULLY ASSEMBLED CONDITION AT BOTH LOCATIONS (8 TEST BUSHINGS REQUIRED)

Liquid Filled Transformer Data:
MOD/SN: 48033MA005U/HA606A MVA: 33/44/55 AT 65°C RISE

3 PHASE, 60 Hz CLASS: ONAN/ONAF/ONAF
IMP: 8.00 +/- 7.50 % NOM. WT: 215,000 LBS
WINDINGS: COPPER

LV LOAD TAPS: +/- 16 X 0.625%
HV: 115,000 Grd Y / 66,395 V, 550 kV BIL, 276 A NOM @ 55 MVA
LV: 34,500 Grd Y / 19919V, 200 kV BIL, 920 A @ 55 MVA
TV: 13,800 V DELTA, 110 kV BIL, UNLOADED

Customer:
Project:

Warranty Field Work:
If, at the job site, the equipment is found to have not conformed to specifications or needs re-work covered under warranty, all parties concerned shall provide full access to Virginia Transformer Corp. or their representatives to work on the unit(s) at the job site. The method of repair/re-work will be determined solely by Virginia Transformer Corp.

TOLERANCES
IF NO TOLERANCES SHOWN ±0.5(12.7) OTHERWISE:
Δ ±0.25(6.3)
○ ±1.0(25.4)

ALL DIMENSIONS IN INCHES & (IN mm) IF SHOWN IN PARENTHESIS

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HA606A-101.1.idw

VT VIRGINIA TRANSFORMER CORP.
220 GLADE VIEW DR., N.E. ROANOKE, VA 24012
(540) 345-9892

TITLE: DIMENSIONAL OUTLINE JOB # HA606A
DWN: RGV CHK: DEW DATE: 10/9/15
D 48033MA005U SHEET 101.1 REVISION 0

Substation Transformer 55 MVA - Sound Power reverse calc (ONAF) - including Tonal Penalty

Height	3.8	m
Length	6.7	m
Width	6.2	m
Vertical Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	133.62	m^2
Horizantal Surface Area (includes increase by 2m on the fan side and by 0.3m in other directions)	74	m^2
Total Surface area	207.9	m^2

Lw = Lp + 10 x log (S)

Fan on	Lp	83
	Lw	106.2

Lp: Sound pressure level
Lw: Sound Power Level
Note: Transformer dimensions are based on Virgina Transformer Corp. drawing No. D-48033MA005U

Fan on

Centre Frequency	Corr1	Corr2	PWL (Linear)	A-weighted correction	PWL (A-weighted)	PWL + 5 dB tonal penalty
31.5	-1	-2.4	102.78	-39.4	63.38	68.38
63	5	-2.4	108.78	-26.2	82.58	87.58
125	7	-2.4	110.78	-16.1	94.68	99.68
250	2	-2.4	105.78	-8.6	97.18	102.18
500	2	-2.4	105.78	-3.2	102.58	107.58
1000	-4	-2.4	99.78	0	99.78	104.78
2000	-9	-2.4	94.78	1.2	95.98	100.98
4000	-14	-2.4	89.78	1	90.78	95.78
8000	-21	-2.4	82.78	-1.1	81.68	86.68
Overall:			**114.8**		**106.2**	**111.2**

APPENDIX H

Stormwater Management Plan

APPENDIX I

Notice of REA Amendment

RE: Notice of REA Amendment for Windsor Solar Project

As you are aware, Windsor Solar GP Inc. (the Company) has received a Renewable Energy Approval (REA) to develop a solar photovoltaic facility which would be located in the City of Windsor Ontario. The renewable energy facility will be known as the Windsor Solar Project and will have a maximum name plate capacity of approximately 50 megawatts (MW). The approval for the project was issued on September 11, 2015. Windsor Solar GP Inc. is seeking a technical change amendment to the REA issued for the Project (REA #8284-9ZGNBN).

The basis for this technical change amendment is that revisions to the layout of the facility have been identified to improve the efficiency and layout of the Windsor Solar Project. The amended design layout for the Project maintains all components of the facility within the original boundaries of the project location, as outlined in the attached REA Amendment Notice. The Company and their selected construction contractor (PCL) has discovered some areas to increase technical efficiency that could only be identified during the detailed design phase of the project. As such the Company in partnership with Windsor Solar LP has proposed some technical changes to the REA for this project. These include:

- Reduction in the overall footprint of the project;
- Reduction in the total number of project components, including panel modules, MV Stations, access roads, and removal of the Communications Tower;
- Reconfiguration of area and location of temporary construction laydown areas;
- Reconfiguration of project components including internal access roads, panel modules, and MV Stations resulting in a revised *Stormwater Management Report*;
- Reduction in the total number of inverter stations and reconfiguration of MV Stations, DSTATCOM and Line Reactor resulting in a revised *Noise Study Report*. The Company notes that the reconfiguration of the noise components will not affect the compliance of the facility with the MOECC's noise criterion of 40 dBA. The noise levels at receptors in and around the project location will be in compliance with the 40 dBA threshold.

The report titled *Modifications Document for REA Number 8284-9ZGNBN* describes the amendments made by the Company. The report concludes that the amendments represent improvements for neighbouring residents and the environment. This report is available for viewing online at: http://www.samsungrenewableenergy.ca/windsor.

Throughout the REA process, Windsor Solar GP Inc. is committed to ongoing consultation. If you have any questions or concerns about the project or the attached notice, please do not hesitate to contact me.

Sincerely,

Megan Bellamy
235 Yorkland Blvd., Suite 800
Toronto, ON M2J 4Y8
Phone: 416-229-4647 ext.2423
Email: mbellamy@dillon.ca

Attachments: Notice of REA Amendment

NOTICE OF A PROPOSED CHANGE TO AN APPROVED RENEWABLE ENERGY PROJECT (REA No. 8284-9ZGNBN)

For the Windsor Solar Project
By Windsor Solar LP

Project Name: Windsor Solar Project
IESO Reference Number: F-003960-SPV-KC3-510
Project Location: Windsor International Airport, south and east of the physical airport, Lots 108-122, Concession 3, P.C., City of Windsor, Ontario

Windsor Solar LP was issued a Renewable Energy Approval on September 11, 2015 in respect of the Windsor Solar Project. Information with respect to the decision on this project can be viewed on the Environmental Registry by searching 012-3935.

Windsor Solar LP is proposing to make a change to the project and the project itself is subject to the provisions of the *Environmental Protection Act (Act)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 32.2 of the Regulation. This notice is being distributed to make the public aware of a proposed change to the project.

Project Description and Proposed Changes:
Pursuant to the Act and Regulation, the project in respect of which the Renewable Energy Approval was issued, is a Class 3 Solar Facility. An application has been made to the Ministry of the Environment and Climate Change to change the project and alter the terms and conditions of the existing Renewable Energy Approval. The proposed changes consist of a reduction in the overall footprint of the project within the permitted project location boundary, specifically:

- Reduction in the total number of project components, including panel modules, MV Stations, access roads, and removal of the Communications Tower;
- Reconfiguration of area and location of temporary construction laydown areas;
- Reconfiguration of project components including internal access roads, panel modules, and MV Stations resulting in a revised *Stormwater Management Report*;
- Reduction in the total number of MV stations and reconfiguration of MV Stations, DSTATCOM and Line Reactor resulting in a revised *Noise Study Report*.

If approved with these changes, the facility would continue to have a total nameplate capacity of 50 MW. The project location, taking the change into account, is described in the map below.

Documents for Public Inspection:
Windsor Solar LP has been required to update the supporting documents that are required to form part of the application or which must be otherwise submitted to the Ministry of the Environment and Climate Change available to the public (titled *Modifications Document to REA Number 8284-9ZGNBN)*. An electronic copy of the draft supporting documents will be made available for public inspection on during the week of April 18, 2016 on the project website at: http://www.samsungrenewableenergy.ca/windsor.

Project Contacts and Information:
To learn more about the project proposal or to communicate concerns, please contact:

Megan Bellamy,
Dillon Consulting Limited
235 Yorkland Blvd, Suite 800
Toronto, Ontario M2J 4Y8
Phone: 416-229-4647 ext.2423
Fax: 416-229-4692
Email: mbellamy@dillon.ca

The Project Location is located on the lands within the Windsor International Airport, which is owned by the City of Windsor and operated by Your Quick Gateway (Windsor) Inc. (YQG).