

## **APPENDIX G**

### **VACANT LOTS EXPERIENCE 35 DBA OR HIGHER FROM PROJECT**

362000

364000

366000

368000

370000

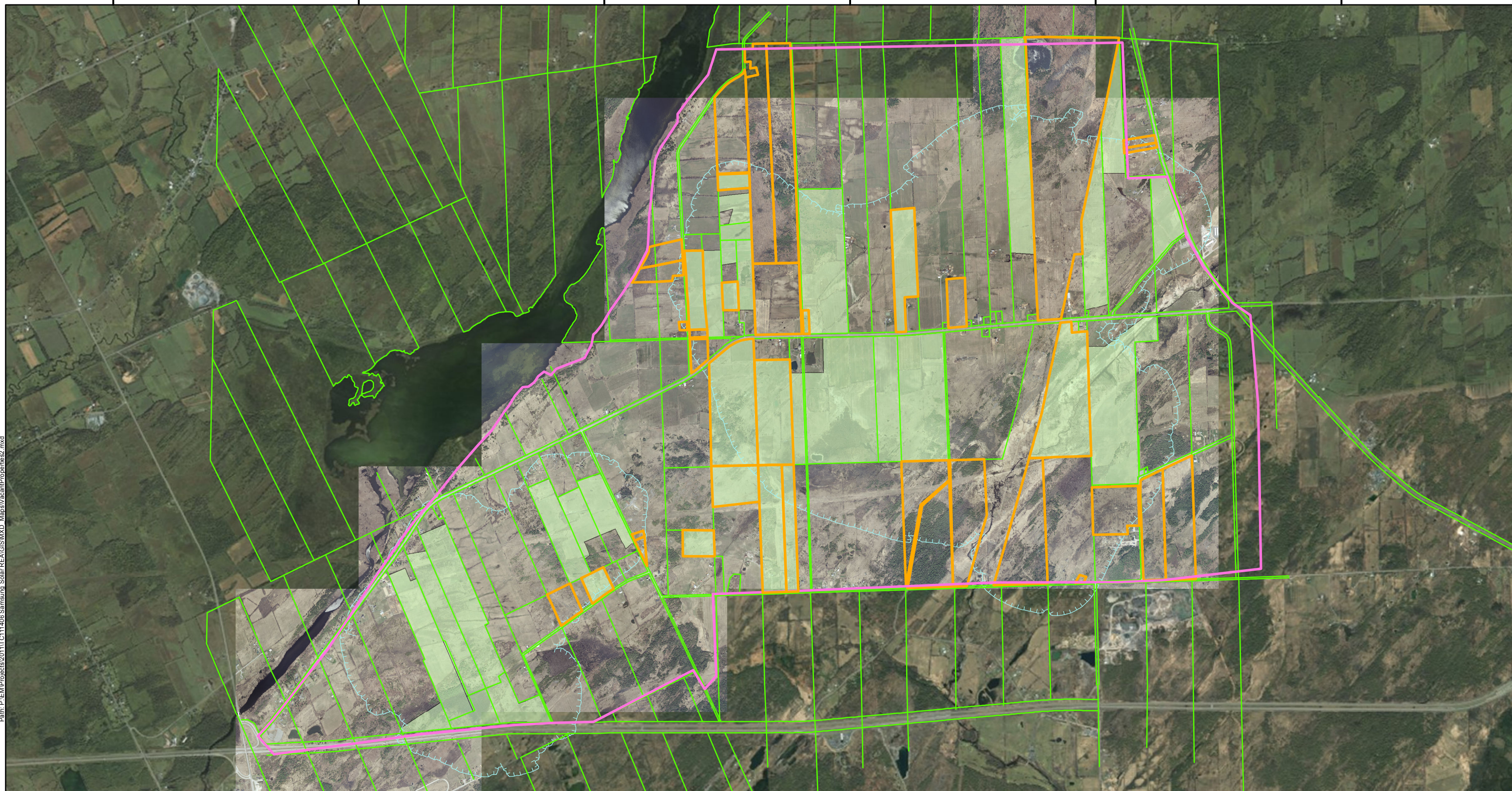
372000

4910000

4908000

4906000

Path: P:\EM\Projects\2011\TC111406\Samsung\_Solar\_REALGIS\MXD\_Maps\VacantProperties2.mxd



### Legend

- Property Boundary
- Project Boundary
- Vacant Lot
- 35 dBA Noise Contours
- Participating Property

NOTES:

**KINGSTON SOLAR LP**



**SOL-LUCE KINGSTON PHASE 2**

**Vacant Lots**

Datum: NAD83  
Projection: UTM Zone 18N



PROJECT N<sup>o</sup>: TC111406

Appendix G

SCALE: 1:30,000

Date: July, 2012



**APPENDIX H**  
**POINT OF RECEPTION NOISE IMPACT**

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID							
POR01	POR02	POR03	POR04	POR05							
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description							
House 01	House 02	House 03	House 04	House 05							
Point of reception coordinates			Point of reception coordinates		Point of reception coordinates		Point of reception coordinates		Point of reception coordinates		
X	Y	Z <sup>[3]</sup>	X	Y	Z <sup>[3]</sup>	X	Y	Z <sup>[3]</sup>	X	Y	Z <sup>[3]</sup>
364166	4905882	136.9	364246	4906051	137.5	364328	4906180	137.3	364435	4906341	137.5

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 1		
Distance (m)	Sound Level at PoR	Units <sup>[2]</sup>
7164	0	dB(A)
7181	0	dB(A)
7197	0	dB(A)
6999	0	dB(A)
6715	0	dB(A)
6629	0	dB(A)
6557	0	dB(A)
6498	0	dB(A)
6439	0	dB(A)
6386	0	dB(A)
6285	0	dB(A)
6214	0	dB(A)
6150	0	dB(A)
6084	0	dB(A)
6019	0	dB(A)
4491	0	dB(A)
4249	0	dB(A)
4460	0	dB(A)
4370	0	dB(A)
4271	0	dB(A)
4167	0	dB(A)
4072	0	dB(A)
3618	0	dB(A)
6097	0	dB(A)
6074	0	dB(A)
6045	0	dB(A)
6237	0	dB(A)
6198	0	dB(A)
6178	0	dB(A)
6157	0	dB(A)
4387	0	dB(A)
4423	0	dB(A)
4465	0	dB(A)
4515	0	dB(A)
4544	0	dB(A)
4591	0	dB(A)
4506	0	dB(A)
4536	0	dB(A)
4563	0	dB(A)
4601	0	dB(A)
4642	0	dB(A)
4690	0	dB(A)
4719	0	dB(A)
4765	0	dB(A)
4686	0	dB(A)
4720	0	dB(A)
4760	0	dB(A)
4802	0	dB(A)

Point of Reception 2		
Distance (m)	Sound Level at PoR	Units <sup>[2]</sup>
7020	0	dB(A)
7035	0	dB(A)
7049	0	dB(A)
6845	0	dB(A)
6563	0	dB(A)
6478	0	dB(A)
6409	0	dB(A)
6353	0	dB(A)
6296	0	dB(A)
6246	0	dB(A)
6125	0	dB(A)
6056	0	dB(A)
5994	0	dB(A)
5929	0	dB(A)
5867	0	dB(A)
4327	0	dB(A)
4089	0	dB(A)
4301	0	dB(A)
4191	0	dB(A)
4093	0	dB(A)
3990	0	dB(A)
3897	0	dB(A)
3449	0	dB(A)
5980	0	dB(A)
5959	0	dB(A)
5934	0	dB(A)
6121	0	dB(A)
6087	0	dB(A)
6069	0	dB(A)
6052	0	dB(A)
4258	0	dB(A)
4291	0	dB(A)
4329	0	dB(A)
4375	0	dB(A)
4402	0	dB(A)
4446	0	dB(A)
4386	0	dB(A)
4412	0	dB(A)
4436	0	dB(A)
4470	0	dB(A)
4508	0	dB(A)
4553	0	dB(A)
4580	0	dB(A)
4622	0	dB(A)
4567	0	dB(A)
4597	0	dB(A)
4633	0	dB(A)
4670	0	dB(A)

Point of Reception 3		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
6892	0	dB(A)
6905	0	dB(A)
6918	0	dB(A)
6711	0	dB(A)
6429	0	dB(A)
6346	0	dB(A)
6278	0	dB(A)
6224	0	dB(A)
6169	0	dB(A)
6121	0	dB(A)
5986	0	dB(A)
5918	0	dB(A)
5857	0	dB(A)
5795	0	dB(A)
5734	0	dB(A)
4186	0	dB(A)
3950	0	dB(A)
4164	0	dB(A)
4041	0	dB(A)
3943	0	dB(A)
3841	0	dB(A)
3749	0	dB(A)
3305	0	dB(A)
5872	0	dB(A)
5853	0	dB(A)
5831	0	dB(A)
6013	0	dB(A)
5983	0	dB(A)
5967	0	dB(A)
5953	0	dB(A)
4142	0	dB(A)
4172	0	dB(A)
4208	0	dB(A)
4251	0	dB(A)
4277	0	dB(A)
4318	0	dB(A)
4277	0	dB(A)
4300	0	dB(A)
4322	0	dB(A)
4353	0	dB(A)
4388	0	dB(A)
4430	0	dB(A)
4455	0	dB(A)
4496	0	dB(A)
4458	0	dB(A)
4485	0	dB(A)
4518	0	dB(A)
4552	0	dB(A)

Point of Reception 4		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
6730	0	dB(A)
6741	0	dB(A)
6752	0	dB(A)
6540	0	dB(A)
6260	0	dB(A)
6179	0	dB(A)
6113	0	dB(A)
6061	0	dB(A)
6008	0	dB(A)
5962	0	dB(A)
5810	0	dB(A)
5744	0	dB(A)
5685	0	dB(A)
5624	0	dB(A)
5565	0	dB(A)
4008	0	dB(A)
3776	0	dB(A)
3990	0	dB(A)
3850	0	dB(A)
3753	0	dB(A)
3653	0	dB(A)
3562	0	dB(A)
3122	0	dB(A)
5736	0	dB(A)
5720	0	dB(A)
5702	0	dB(A)
5878	0	dB(A)
5852	0	dB(A)
5840	0	dB(A)
5829	0	dB(A)
3997	0	dB(A)
4024	0	dB(A)
4056	0	dB(A)
4095	0	dB(A)
4119	0	dB(A)
4158	0	dB(A)
4141	0	dB(A)
4160	0	dB(A)
4179	0	dB(A)
4206	0	dB(A)
4238	0	dB(A)
4276	0	dB(A)
4299	0	dB(A)
4337	0	dB(A)
4323	0	dB(A)
4345	0	dB(A)
4374	0	dB(A)
4404	0	dB(A)

Point of Reception 5		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
6598	0	dB(A)
6608	0	dB(A)
6618	0	dB(A)
6404	0	dB(A)
6124	0	dB(A)
6044	0	dB(A)
5979	0	dB(A)
5928	0	dB(A)
5877	0	dB(A)
5832	0	dB(A)
5671	0	dB(A)
5606	0	dB(A)
5547	0	dB(A)
5487	0	dB(A)
5430	0	dB(A)
3868	0	dB(A)
3637	0	dB(A)
3852	0	dB(A)
3707	0	dB(A)
3610	0	dB(A)
3510	0	dB(A)
3419	0	dB(A)
2981	0	dB(A)
5619	0	dB(A)
5605	0	dB(A)
5589	0	dB(A)
5762	0	dB(A)
5739	0	dB(A)
5729	0	dB(A)
5719	0	dB(A)
3876	0	dB(A)
3900	0	dB(A)
3930	0	dB(A)
3967	0	dB(A)
3989	0	dB(A)
4026	0	dB(A)
4024	0	dB(A)
4041	0	dB(A)
4058	0	dB(A)
4083	0	dB(A)
4113	0	dB(A)
4149	0	dB(A)
4171	0	dB(A)
4207	0	dB(A)
4207	0	dB(A)
4227	0	dB(A)
4252	0	dB(A)
4281	0	dB(A)

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR01</b>			Point of Reception ID <b>POR02</b>			Point of Reception ID <b>POR03</b>			Point of Reception ID <b>POR04</b>			Point of Reception ID <b>POR05</b>				
Point of Reception Description House 01			Point of Reception Description House 02			Point of Reception Description House 03			Point of Reception Description House 04			Point of Reception Description House 05				
Point of reception coordinates			Point of reception coordinates			Point of reception coordinates			Point of reception coordinates			Point of reception coordinates				
X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>		
364166	4905882	136.9	364246	4906051	137.5	364328	4906180	137.3	364435	4906341	137.5	364535	4906443	137.5		
Source ID <sup>(1)</sup>	Source Description	Point of Reception 1			Point of Reception 2			Point of Reception 3			Point of Reception 4			Point of Reception 5		
		Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
P14A_U19	MVPP P14A_U19	4847	0	dBA	4712	0	dBA	4591	0	dBA	4440	0	dBA	4314	0	dBA
P14A_U20	MVPP P14A_U20	4899	0	dBA	4760	0	dBA	4637	0	dBA	4482	0	dBA	4354	0	dBA
P14A_U21	MVPP P14A_U21	4948	0	dBA	4806	0	dBA	4680	0	dBA	4522	0	dBA	4393	0	dBA
P14B_U1	MVPP P14B_U1	4247	0	dBA	4113	0	dBA	3993	0	dBA	3843	0	dBA	3718	0	dBA
P14B_U2	MVPP P14B_U2	4288	0	dBA	4150	0	dBA	4027	0	dBA	3874	0	dBA	3747	0	dBA
P14B_U3	MVPP P14B_U3	4335	0	dBA	4194	0	dBA	4069	0	dBA	3911	0	dBA	3783	0	dBA
P14B_U4	MVPP P14B_U4	4366	0	dBA	4222	0	dBA	4095	0	dBA	3936	0	dBA	3806	0	dBA
P14B_U5	MVPP P14B_U5	4418	0	dBA	4272	0	dBA	4143	0	dBA	3980	0	dBA	3848	0	dBA
P14B_U6	MVPP P14B_U6	4154	0	dBA	4012	0	dBA	3886	0	dBA	3728	0	dBA	3598	0	dBA
P14B_U7	MVPP P14B_U7	4207	0	dBA	4060	0	dBA	3932	0	dBA	3770	0	dBA	3639	0	dBA
P14B_U8	MVPP P14B_U8	4279	0	dBA	4129	0	dBA	3998	0	dBA	3832	0	dBA	3699	0	dBA
P14C_U1	MVPP P14C_U1	3749	0	dBA	3614	0	dBA	3494	0	dBA	3345	0	dBA	3221	0	dBA
P14C_U2	MVPP P14C_U2	3792	0	dBA	3653	0	dBA	3530	0	dBA	3376	0	dBA	3250	0	dBA
P14C_U3	MVPP P14C_U3	3829	0	dBA	3687	0	dBA	3562	0	dBA	3405	0	dBA	3277	0	dBA
P14C_U4	MVPP P14C_U4	3950	0	dBA	3811	0	dBA	3688	0	dBA	3534	0	dBA	3406	0	dBA
P19_20_U1	MVPP P19/20_U1	1951	15	dBA	1827	16	dBA	1719	17	dBA	1592	17	dBA	1485	18	dBA
P19_U1	MVPP P19_U1	1975	10	dBA	1842	10	dBA	1726	11	dBA	1588	12	dBA	1473	12	dBA
P19_U2	MVPP P19_U2	1974	5	dBA	1834	10	dBA	1713	11	dBA	1566	12	dBA	1445	13	dBA
P19_U3	MVPP P19_U3	1981	5	dBA	1833	10	dBA	1706	11	dBA	1550	12	dBA	1424	13	dBA
P19_U4	MVPP P19_U4	1778	13	dBA	1642	13	dBA	1525	14	dBA	1384	19	dBA	1270	19	dBA
P19_U5	MVPP P19_U5	1781	6	dBA	1637	7	dBA	1512	12	dBA	1362	13	dBA	1240	14	dBA
P20_U1	MVPP P20_U1	1602	17	dBA	1448	18	dBA	1317	19	dBA	1156	20	dBA	1029	21	dBA
P21_U1	MVPP P21_U1	1060	11	dBA	1095	11	dBA	1127	10	dBA	1193	10	dBA	1234	10	dBA
P21_U2	MVPP P21_U2	941	22	dBA	961	22	dBA	985	22	dBA	1044	21	dBA	1083	21	dBA
P21_U3	MVPP P21_U3	846	23	dBA	850	23	dBA	864	23	dBA	916	22	dBA	953	22	dBA
P21_U4	MVPP P21_U4	726	24	dBA	690	25	dBA	677	25	dBA	706	25	dBA	735	24	dBA
P21_U5	MVPP P21_U5	683	25	dBA	625	26	dBA	597	26	dBA	614	26	dBA	638	26	dBA
P21_U6	MVPP P21_U6	649	25	dBA	565	27	dBA	516	28	dBA	513	28	dBA	530	27	dBA
P21_U7	MVPP P21_U7	632	26	dBA	520	27	dBA	446	29	dBA	416	29	dBA	423	29	dBA
P21_U8	MVPP P21_U8	633	20	dBA	495	22	dBA	393	24	dBA	326	25	dBA	317	26	dBA
P21_U9	MVPP P21_U9	662	19	dBA	497	22	dBA	364	19	dBA	233	28	dBA	183	30	dBA
P22_U1	MVPP P22_U1	936	22	dBA	992	22	dBA	1043	21	dBA	1132	20	dBA	1191	20	dBA
P22_U2	MVPP P22_U2	799	24	dBA	841	23	dBA	885	23	dBA	971	22	dBA	1030	21	dBA
P22_U3	MVPP P22_U3	639	26	dBA	656	25	dBA	690	25	dBA	772	24	dBA	834	23	dBA
P22_U4	MVPP P22_U4	524	27	dBA	502	28	dBA	515	28	dBA	588	26	dBA	652	25	dBA
P22_U5	MVPP P22_U5	464	27	dBA	394	24	dBA	377	24	dBA	437	23	dBA	503	22	dBA
P22_U6	MVPP P22_U6	385	24	dBA	240	28	dBA	167	31	dBA	238	28	dBA	341	25	dBA
P23_U1	MVPP P23_U1	827	23	dBA	920	22	dBA	999	22	dBA	1121	21	dBA	1202	20	dBA
P23_U2	MVPP P23_U2	694	25	dBA	781	24	dBA	859	23	dBA	983	22	dBA	1067	21	dBA
P23_U3	MVPP P23_U3	565	27	dBA	641	26	dBA	719	25	dBA	845	23	dBA	934	22	dBA
P23_U4	MVPP P23_U4	442	29	dBA	504	28	dBA	579	27	dBA	709	25	dBA	804	24	dBA
P23_U5	MVPP P23_U5	320	32	dBA	347	31	dBA	417	29	dBA	554	27	dBA	658	25	dBA
P23_U6	MVPP P23_U6	254	27	dBA	217	29	dBA	276	27	dBA	423	23	dBA	538	21	dBA
P23_U7	MVPP P23_U7	258	27	dBA	117	33	dBA	136	32	dBA	301	26	dBA	430	23	dBA
P24_U1	MVPP P24_U1	1315	15	dBA	1386	15	dBA	1441	15	dBA	1528	14	dBA	1580	14	dBA
P24_U2	MVPP P24_U2	1242	16	dBA	1297	16	dBA	1341	15	dBA	1417	15	dBA	1462	14	dBA
P24_U3	MVPP P24_U3	1464	14	dBA	1511	14	dBA	1546	14	dBA	1609	14	dBA	1642	13	dBA
TS	Transformer Station	6032	0	dBA	5881	0	dBA	5749	0	dBA	5582	0	dBA	5447	0	dBA
H1T	Hut 1 Transformer	5530	0	dBA	5444	0	dBA	5360	0	dBA	5256	0	dBA	5160	0	dBA
H1I1	Hut 1 Inverter 1	5528	0	dBA	5442	0	dBA	5358	0	dBA	5255	0	dBA	5159	0	dBA
H1I2	Hut 1 Inverter 2	5531	0	dBA	5445	0	dBA	5361	0	dBA	5257	0	dBA	5161	0	dBA
H2T	Hut 2 Transformer	5348	0	dBA	5262	0	dBA	5178	0	dBA	5074	0	dBA	4978	0	dBA
H2I1	Hut 2 Inverter 1	5347	0	dBA	5260	0	dBA	5177	0	dBA	5073	0	dBA	4977	0	dBA
H2I2	Hut 2 Inverter 2	5349	0	dBA	5263	0	dBA	5179	0	dBA	5076	0	dBA	4980	0	dBA
H3T	Hut 3 Transformer	5167	0	dBA	5080	0	dBA	4996	0	dBA	4893	0	dBA	4797	0	dBA
H3I1	Hut 3 Inverter 1	5165	0	dBA	5079	0	dBA	4995	0	dBA	4892	0	dBA	4796	0	dBA
H3I2	Hut 3 Inverter 2	5168	0	dBA	5081	0	dBA	4997	0	dBA	4894	0	dBA	4799	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

**Point of Reception ID**  
**POR01**

**Point of Reception Description**  
 House 01

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
364166	4905882	136.9

**Point of Reception ID**  
**POR02**

**Point of Reception Description**  
 House 02

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
364246	4906051	137.5

**Point of Reception ID**  
**POR03**

**Point of Reception Description**  
 House 03

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
364328	4906180	137.3

**Point of Reception ID**  
**POR04**

**Point of Reception Description**  
 House 04

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
364435	4906341	137.5

**Point of Reception ID**  
**POR05**

**Point of Reception Description**  
 House 05

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
364535	4906443	137.5

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 1		
Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>
5299	0	dB(A)
5297	0	dB(A)
5299	0	dB(A)
5753	0	dB(A)
5751	0	dB(A)
5753	0	dB(A)
5630	0	dB(A)
5629	0	dB(A)
5631	0	dB(A)
5601	0	dB(A)
5600	0	dB(A)
5602	0	dB(A)
5456	0	dB(A)
5454	0	dB(A)
5457	0	dB(A)
5242	0	dB(A)
5240	0	dB(A)
5243	0	dB(A)
5477	0	dB(A)
5475	0	dB(A)
5478	0	dB(A)
5539	0	dB(A)
3506	0	dB(A)
3553	0	dB(A)
3646	0	dB(A)
3693	0	dB(A)
3782	0	dB(A)
3830	0	dB(A)
3918	0	dB(A)
3968	0	dB(A)
4054	0	dB(A)
4106	0	dB(A)
4192	0	dB(A)

Point of Reception 2		
Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>
5200	0	dB(A)
5198	0	dB(A)
5200	0	dB(A)
5655	0	dB(A)
5653	0	dB(A)
5656	0	dB(A)
5537	0	dB(A)
5535	0	dB(A)
5538	0	dB(A)
5503	0	dB(A)
5502	0	dB(A)
5504	0	dB(A)
5357	0	dB(A)
5356	0	dB(A)
5358	0	dB(A)
5149	0	dB(A)
5147	0	dB(A)
5150	0	dB(A)
5385	0	dB(A)
5384	0	dB(A)
5386	0	dB(A)
5457	0	dB(A)
3574	0	dB(A)
3631	0	dB(A)
3717	0	dB(A)
3772	0	dB(A)
3856	0	dB(A)
3911	0	dB(A)
3994	0	dB(A)
4051	0	dB(A)
4131	0	dB(A)
4191	0	dB(A)
4272	0	dB(A)

Point of Reception 3		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
5106	0	dB(A)
5104	0	dB(A)
5107	0	dB(A)
5562	0	dB(A)
5561	0	dB(A)
5563	0	dB(A)
5537	0	dB(A)
5446	0	dB(A)
5449	0	dB(A)
5410	0	dB(A)
5409	0	dB(A)
5411	0	dB(A)
5264	0	dB(A)
5262	0	dB(A)
5265	0	dB(A)
5059	0	dB(A)
5058	0	dB(A)
5060	0	dB(A)
5298	0	dB(A)
5296	0	dB(A)
5299	0	dB(A)
5376	0	dB(A)
3618	0	dB(A)
3682	0	dB(A)
3764	0	dB(A)
3825	0	dB(A)
3903	0	dB(A)
3965	0	dB(A)
4043	0	dB(A)
4106	0	dB(A)
4182	0	dB(A)
4247	0	dB(A)
4323	0	dB(A)

Point of Reception 4		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
4990	0	dB(A)
4988	0	dB(A)
4991	0	dB(A)
5447	0	dB(A)
5445	0	dB(A)
5448	0	dB(A)
5336	0	dB(A)
5335	0	dB(A)
5338	0	dB(A)
5294	0	dB(A)
5293	0	dB(A)
5295	0	dB(A)
5148	0	dB(A)
5146	0	dB(A)
5149	0	dB(A)
4949	0	dB(A)
4948	0	dB(A)
4950	0	dB(A)
5189	0	dB(A)
5188	0	dB(A)
5190	0	dB(A)
5276	0	dB(A)
3679	0	dB(A)
3752	0	dB(A)
3828	0	dB(A)
3896	0	dB(A)
3969	0	dB(A)
4038	0	dB(A)
4110	0	dB(A)
4180	0	dB(A)
4251	0	dB(A)
4322	0	dB(A)
4394	0	dB(A)

Point of Reception 5		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
4886	0	dB(A)
4884	0	dB(A)
4887	0	dB(A)
5343	0	dB(A)
5341	0	dB(A)
5344	0	dB(A)
5236	0	dB(A)
5234	0	dB(A)
5237	0	dB(A)
5190	0	dB(A)
5189	0	dB(A)
5192	0	dB(A)
5044	0	dB(A)
5043	0	dB(A)
5045	0	dB(A)
4849	0	dB(A)
4847	0	dB(A)
4850	0	dB(A)
5090	0	dB(A)
5089	0	dB(A)
5091	0	dB(A)
5182	0	dB(A)
3704	0	dB(A)
3784	0	dB(A)
3854	0	dB(A)
3929	0	dB(A)
3997	0	dB(A)
4071	0	dB(A)
4139	0	dB(A)
4214	0	dB(A)
4280	0	dB(A)
4357	0	dB(A)
4424	0	dB(A)

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR06	POR07	POR08	POR09	POR10
<b>Point of Reception Description</b> House 06	<b>Point of Reception Description</b> House 07	<b>Point of Reception Description</b> House 08	<b>Point of Reception Description</b> House 09	<b>Point of Reception Description</b> House 10
<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>
X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>
365333 4905535 135.5	365290 4905358 132.3	365438 4906947 136.9	365824 4906970 138.5	366076 4906749 141.0

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 6		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
6317	0	dBA
6351	0	dBA
6382	0	dBA
6232	0	dBA
5941	0	dBA
5837	0	dBA
5745	0	dBA
5669	0	dBA
5590	0	dBA
5519	0	dBA
5593	0	dBA
5503	0	dBA
5421	0	dBA
5335	0	dBA
5250	0	dBA
3880	0	dBA
3606	0	dBA
3796	0	dBA
4013	0	dBA
3890	0	dBA
3760	0	dBA
3640	0	dBA
3120	0	dBA
5090	0	dBA
5055	0	dBA
5007	0	dBA
5225	0	dBA
5164	0	dBA
5131	0	dBA
5095	0	dBA
3473	0	dBA
3532	0	dBA
3599	0	dBA
3675	0	dBA
3719	0	dBA
3789	0	dBA
3536	0	dBA
3587	0	dBA
3632	0	dBA
3693	0	dBA
3758	0	dBA
3831	0	dBA
3874	0	dBA
3942	0	dBA
3706	0	dBA
3763	0	dBA
3829	0	dBA
3894	0	dBA

Point of Reception 7		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
6451	0	dBA
6488	0	dBA
6521	0	dBA
6377	0	dBA
6085	0	dBA
5980	0	dBA
5885	0	dBA
5807	0	dBA
5725	0	dBA
5652	0	dBA
5748	0	dBA
5655	0	dBA
5572	0	dBA
5483	0	dBA
5397	0	dBA
4045	0	dBA
3770	0	dBA
3957	0	dBA
4191	0	dBA
4068	0	dBA
3937	0	dBA
3816	0	dBA
3295	0	dBA
5197	0	dBA
5159	0	dBA
5107	0	dBA
5331	0	dBA
5264	0	dBA
5227	0	dBA
5188	0	dBA
3604	0	dBA
3666	0	dBA
3737	0	dBA
3816	0	dBA
3863	0	dBA
3935	0	dBA
3656	0	dBA
3711	0	dBA
3758	0	dBA
3824	0	dBA
3892	0	dBA
3969	0	dBA
4014	0	dBA
4084	0	dBA
3823	0	dBA
3885	0	dBA
3955	0	dBA
4024	0	dBA

Point of Reception 8		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5571	0	dBA
5578	0	dBA
5587	0	dBA
5370	0	dBA
5090	0	dBA
5011	0	dBA
4949	0	dBA
4901	0	dBA
4853	0	dBA
4812	0	dBA
4638	0	dBA
4571	0	dBA
4513	0	dBA
4453	0	dBA
4397	0	dBA
2837	0	dBA
2603	0	dBA
2818	0	dBA
2741	0	dBA
2633	0	dBA
2522	0	dBA
2421	0	dBA
1959	10	dBA
4657	0	dBA
4651	0	dBA
4648	0	dBA
4801	0	dBA
4793	0	dBA
4792	0	dBA
4795	0	dBA
2895	0	dBA
2908	0	dBA
2928	0	dBA
2955	0	dBA
2974	0	dBA
3005	0	dBA
3071	0	dBA
3075	0	dBA
3082	0	dBA
3096	0	dBA
3115	0	dBA
3141	0	dBA
3158	0	dBA
3189	0	dBA
3255	0	dBA
3260	0	dBA
3272	0	dBA
3289	0	dBA

Point of Reception 9		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5205	0	dBA
5216	0	dBA
5227	0	dBA
5019	0	dBA
4737	0	dBA
4654	0	dBA
4588	0	dBA
4536	0	dBA
4484	0	dBA
4440	0	dBA
4303	0	dBA
4231	0	dBA
4168	0	dBA
4103	0	dBA
4042	0	dBA
2513	0	dBA
2267	0	dBA
2477	0	dBA
2512	0	dBA
2395	0	dBA
2272	0	dBA
2160	0	dBA
1666	11	dBA
4271	0	dBA
4265	0	dBA
4262	0	dBA
4415	0	dBA
4407	0	dBA
4406	0	dBA
4410	0	dBA
2510	0	dBA
2525	0	dBA
2547	0	dBA
2578	0	dBA
2599	0	dBA
2634	0	dBA
2685	0	dBA
2689	0	dBA
2696	0	dBA
2711	0	dBA
2733	0	dBA
2762	0	dBA
2782	0	dBA
2815	0	dBA
2868	0	dBA
2874	0	dBA
2887	0	dBA
2906	0	dBA

Point of Reception 10		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5067	0	dBA
5086	0	dBA
5105	0	dBA
4917	0	dBA
4631	0	dBA
4540	0	dBA
4464	0	dBA
4403	0	dBA
4342	0	dBA
4289	0	dBA
4232	0	dBA
4152	0	dBA
4080	0	dBA
4006	0	dBA
3935	0	dBA
2476	0	dBA
2212	0	dBA
2412	0	dBA
2601	0	dBA
2475	0	dBA
2342	0	dBA
2219	0	dBA
1697	11	dBA
4049	0	dBA
4036	0	dBA
4024	0	dBA
4192	0	dBA
4172	0	dBA
4165	0	dBA
4161	0	dBA
2306	0	dBA
2334	0	dBA
2370	0	dBA
2417	0	dBA
2447	0	dBA
2495	0	dBA
2454	0	dBA
2470	0	dBA
2487	0	dBA
2516	0	dBA
2550	0	dBA
2594	0	dBA
2622	0	dBA
2668	0	dBA
2637	0	dBA
2655	0	dBA
2682	0	dBA
2714	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR06</b>				Point of Reception ID <b>POR07</b>				Point of Reception ID <b>POR08</b>				Point of Reception ID <b>POR09</b>				Point of Reception ID <b>POR10</b>			
Point of Reception Description House 06				Point of Reception Description House 07				Point of Reception Description House 08				Point of Reception Description House 09				Point of Reception Description House 10			
Point of reception coordinates				Point of reception coordinates				Point of reception coordinates				Point of reception coordinates				Point of reception coordinates			
X	Y	Z <sup>[1]</sup>		X	Y	Z <sup>[1]</sup>		X	Y	Z <sup>[1]</sup>		X	Y	Z <sup>[1]</sup>		X	Y	Z <sup>[1]</sup>	
365333	4905535	135.5		365290	4905358	132.3		365438	4906947	136.9		365824	4906970	138.5		366076	4906749	141.0	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>			
P14A_U19	MVPP P14A_U19	3963	0	dBA	4097	0	dBA	3312	0	dBA	2931	0	dBA	2753	0	dBA			
P14A_U20	MVPP P14A_U20	4041	0	dBA	4179	0	dBA	3343	0	dBA	2965	0	dBA	2802	0	dBA			
P14A_U21	MVPP P14A_U21	4113	0	dBA	4253	0	dBA	3375	0	dBA	3001	0	dBA	2850	0	dBA			
P14B_U1	MVPP P14B_U1	3375	0	dBA	3513	0	dBA	2723	0	dBA	2340	0	dBA	2155	0	dBA			
P14B_U2	MVPP P14B_U2	3439	0	dBA	3581	0	dBA	2742	0	dBA	2362	0	dBA	2191	0	dBA			
P14B_U3	MVPP P14B_U3	3513	0	dBA	3658	0	dBA	2769	0	dBA	2393	0	dBA	2238	0	dBA			
P14B_U4	MVPP P14B_U4	3559	0	dBA	3706	0	dBA	2788	0	dBA	2414	0	dBA	2269	0	dBA			
P14B_U5	MVPP P14B_U5	3638	0	dBA	3787	0	dBA	2824	0	dBA	2456	0	dBA	2325	0	dBA			
P14B_U6	MVPP P14B_U6	3347	0	dBA	3494	0	dBA	2584	0	dBA	2208	0	dBA	2057	0	dBA			
P14B_U7	MVPP P14B_U7	3427	0	dBA	3577	0	dBA	2617	0	dBA	2247	0	dBA	2113	0	dBA			
P14B_U8	MVPP P14B_U8	3534	0	dBA	3688	0	dBA	2670	0	dBA	2307	0	dBA	2195	0	dBA			
P14C_U1	MVPP P14C_U1	2897	0	dBA	3040	0	dBA	2232	0	dBA	1847	16	dBA	1656	17	dBA			
P14C_U2	MVPP P14C_U2	2967	0	dBA	3114	0	dBA	2249	0	dBA	1867	16	dBA	1695	17	dBA			
P14C_U3	MVPP P14C_U3	3028	0	dBA	3178	0	dBA	2267	0	dBA	1888	16	dBA	1732	17	dBA			
P14C_U4	MVPP P14C_U4	3122	0	dBA	3268	0	dBA	2402	0	dBA	2022	0	dBA	1853	16	dBA			
P19_20_U1	MVPP P19/20_U1	1179	17	dBA	1349	15	dBA	737	24	dBA	515	28	dBA	262	33	dBA			
P19_U1	MVPP P19_U1	1273	9	dBA	1448	8	dBA	647	20	dBA	390	24	dBA	150	31	dBA			
P19_U2	MVPP P19_U2	1338	9	dBA	1516	8	dBA	563	21	dBA	281	27	dBA	126	33	dBA			
P19_U3	MVPP P19_U3	1415	8	dBA	1595	7	dBA	482	22	dBA	162	31	dBA	189	30	dBA			
P19_U4	MVPP P19_U4	1153	17	dBA	1333	15	dBA	505	28	dBA	380	30	dBA	321	32	dBA			
P19_U5	MVPP P19_U5	1237	10	dBA	1419	8	dBA	396	24	dBA	280	27	dBA	332	25	dBA			
P20_U1	MVPP P20_U1	1217	16	dBA	1399	15	dBA	225	35	dBA	382	30	dBA	556	27	dBA			
P21_U1	MVPP P21_U1	331	25	dBA	220	29	dBA	1656	7	dBA	1802	6	dBA	1737	6	dBA			
P21_U2	MVPP P21_U2	327	32	dBA	300	32	dBA	1536	14	dBA	1705	13	dBA	1663	17	dBA			
P21_U3	MVPP P21_U3	377	30	dBA	403	26	dBA	1439	15	dBA	1628	13	dBA	1609	17	dBA			
P21_U4	MVPP P21_U4	517	28	dBA	596	23	dBA	1274	16	dBA	1499	14	dBA	1522	18	dBA			
P21_U5	MVPP P21_U5	599	26	dBA	689	22	dBA	1212	16	dBA	1456	14	dBA	1499	18	dBA			
P21_U6	MVPP P21_U6	694	25	dBA	793	20	dBA	1149	17	dBA	1414	15	dBA	1480	18	dBA			
P21_U7	MVPP P21_U7	792	20	dBA	899	19	dBA	1093	21	dBA	1379	19	dBA	1469	18	dBA			
P21_U8	MVPP P21_U8	893	12	dBA	1004	11	dBA	1045	15	dBA	1353	13	dBA	1467	12	dBA			
P21_U9	MVPP P21_U9	1026	11	dBA	1142	10	dBA	997	16	dBA	1330	13	dBA	1475	12	dBA			
P22_U1	MVPP P22_U1	480	28	dBA	384	30	dBA	1719	13	dBA	1894	12	dBA	1852	16	dBA			
P22_U2	MVPP P22_U2	494	28	dBA	457	25	dBA	1601	14	dBA	1799	12	dBA	1782	16	dBA			
P22_U3	MVPP P22_U3	585	26	dBA	602	23	dBA	1475	14	dBA	1705	13	dBA	1724	17	dBA			
P22_U4	MVPP P22_U4	703	25	dBA	754	21	dBA	1365	15	dBA	1627	13	dBA	1679	17	dBA			
P22_U5	MVPP P22_U5	819	18	dBA	888	13	dBA	1288	14	dBA	1575	7	dBA	1657	11	dBA			
P22_U6	MVPP P22_U6	1027	11	dBA	1103	11	dBA	1275	14	dBA	1598	12	dBA	1721	11	dBA			
P23_U1	MVPP P23_U1	691	25	dBA	597	26	dBA	1848	12	dBA	2051	0	dBA	2032	0	dBA			
P23_U2	MVPP P23_U2	703	25	dBA	643	22	dBA	1754	13	dBA	1977	12	dBA	1978	12	dBA			
P23_U3	MVPP P23_U3	742	24	dBA	715	21	dBA	1668	13	dBA	1911	12	dBA	1934	12	dBA			
P23_U4	MVPP P23_U4	803	20	dBA	804	20	dBA	1589	14	dBA	1852	12	dBA	1898	16	dBA			
P23_U5	MVPP P23_U5	897	23	dBA	924	19	dBA	1509	14	dBA	1795	12	dBA	1869	16	dBA			
P23_U6	MVPP P23_U6	992	12	dBA	1036	11	dBA	1450	13	dBA	1757	11	dBA	1855	10	dBA			
P23_U7	MVPP P23_U7	1097	11	dBA	1155	10	dBA	1401	13	dBA	1727	11	dBA	1851	10	dBA			
P24_U1	MVPP P24_U1	600	26	dBA	419	29	dBA	1998	11	dBA	2116	0	dBA	2016	0	dBA			
P24_U2	MVPP P24_U2	464	28	dBA	287	33	dBA	1859	12	dBA	1979	12	dBA	1885	12	dBA			
P24_U3	MVPP P24_U3	521	27	dBA	348	28	dBA	1935	12	dBA	2013	0	dBA	1882	12	dBA			
TS	Transformer Station	5249	0	dBA	5394	0	dBA	4415	0	dBA	4057	0	dBA	3944	0	dBA			
H1T	Hut 1 Transformer	4402	0	dBA	4474	0	dBA	4319	0	dBA	3944	0	dBA	3657	0	dBA			
H1I1	Hut 1 Inverter 1	4401	0	dBA	4472	0	dBA	4319	0	dBA	3944	0	dBA	3656	0	dBA			
H1I2	Hut 1 Inverter 2	4403	0	dBA	4475	0	dBA	4321	0	dBA	3946	0	dBA	3659	0	dBA			
H2T	Hut 2 Transformer	4223	0	dBA	4296	0	dBA	4140	0	dBA	3766	0	dBA	3477	0	dBA			
H2I1	Hut 2 Inverter 1	4221	0	dBA	4293	0	dBA	4140	0	dBA	3766	0	dBA	3477	0	dBA			
H2I2	Hut 2 Inverter 2	4223	0	dBA	4296	0	dBA	4142	0	dBA	3769	0	dBA	3479	0	dBA			
H3T	Hut 3 Transformer	4043	0	dBA	4117	0	dBA	3962	0	dBA	3589	0	dBA	3298	0	dBA			
H3I1	Hut 3 Inverter 1	4041	0	dBA	4115	0	dBA	3961	0	dBA	3589	0	dBA	3298	0	dBA			
H3I2	Hut 3 Inverter 2	4044	0	dBA	4118	0	dBA	3964	0	dBA	3591	0	dBA	3300	0	dBA			



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR06</b>	Point of Reception ID <b>POR07</b>	Point of Reception ID <b>POR08</b>	Point of Reception ID <b>POR09</b>	Point of Reception ID <b>POR10</b>
Point of Reception Description House 06	Point of Reception Description House 07	Point of Reception Description House 08	Point of Reception Description House 09	Point of Reception Description House 10
Point of reception coordinates X Y Z <sup>[1]</sup> 365333 4905535 135.5	Point of reception coordinates X Y Z <sup>[1]</sup> 365290 4905358 132.3	Point of reception coordinates X Y Z <sup>[1]</sup> 365438 4906947 136.9	Point of reception coordinates X Y Z <sup>[1]</sup> 365824 4906970 138.5	Point of reception coordinates X Y Z <sup>[1]</sup> 366076 4906749 141.0

Source ID <sup>[1]</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 6		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4218	0	dBA
4215	0	dBA
4218	0	dBA
4662	0	dBA
4660	0	dBA
4662	0	dBA
4525	0	dBA
4523	0	dBA
4526	0	dBA
4514	0	dBA
4512	0	dBA
4514	0	dBA
4372	0	dBA
4369	0	dBA
4372	0	dBA
4140	0	dBA
4138	0	dBA
4140	0	dBA
4366	0	dBA
4363	0	dBA
4366	0	dBA
4401	0	dBA
2507	0	dBA
2599	0	dBA
2661	0	dBA
2746	0	dBA
2805	0	dBA
2890	0	dBA
2948	0	dBA
3033	0	dBA
3091	0	dBA
3178	0	dBA
3236	0	dBA

Point of Reception 7		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4307	0	dBA
4304	0	dBA
4306	0	dBA
4747	0	dBA
4744	0	dBA
4747	0	dBA
4605	0	dBA
4603	0	dBA
4605	0	dBA
4600	0	dBA
4597	0	dBA
4600	0	dBA
4459	0	dBA
4456	0	dBA
4459	0	dBA
4222	0	dBA
4220	0	dBA
4222	0	dBA
4444	0	dBA
4441	0	dBA
4444	0	dBA
4468	0	dBA
2382	0	dBA
2465	0	dBA
2533	0	dBA
2611	0	dBA
2676	0	dBA
2754	0	dBA
2818	0	dBA
2897	0	dBA
2960	0	dBA
3041	0	dBA
3104	0	dBA

Point of Reception 8		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3997	0	dBA
3996	0	dBA
3999	0	dBA
4453	0	dBA
4452	0	dBA
4454	0	dBA
4364	0	dBA
4363	0	dBA
4366	0	dBA
4301	0	dBA
4300	0	dBA
4302	0	dBA
4155	0	dBA
4154	0	dBA
4156	0	dBA
3984	0	dBA
3983	0	dBA
3986	0	dBA
4229	0	dBA
4229	0	dBA
4231	0	dBA
4357	0	dBA
3751	0	dBA
3877	0	dBA
3910	0	dBA
4023	0	dBA
4055	0	dBA
4166	0	dBA
4199	0	dBA
4310	0	dBA
4342	0	dBA
4453	0	dBA
4488	0	dBA

Point of Reception 9		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3615	0	dBA
3614	0	dBA
3617	0	dBA
4070	0	dBA
4069	0	dBA
4072	0	dBA
3984	0	dBA
3984	0	dBA
3986	0	dBA
3918	0	dBA
3918	0	dBA
3920	0	dBA
3773	0	dBA
3772	0	dBA
3774	0	dBA
3606	0	dBA
3605	0	dBA
3608	0	dBA
3852	0	dBA
3851	0	dBA
3854	0	dBA
3985	0	dBA
3669	0	dBA
3809	0	dBA
3827	0	dBA
3953	0	dBA
3970	0	dBA
4094	0	dBA
4113	0	dBA
4236	0	dBA
4255	0	dBA
4377	0	dBA
4399	0	dBA

Point of Reception 10		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3346	0	dBA
3345	0	dBA
3348	0	dBA
3803	0	dBA
3802	0	dBA
3805	0	dBA
3709	0	dBA
3708	0	dBA
3710	0	dBA
3651	0	dBA
3650	0	dBA
3653	0	dBA
3505	0	dBA
3504	0	dBA
3506	0	dBA
3326	0	dBA
3326	0	dBA
3328	0	dBA
3571	0	dBA
3570	0	dBA
3573	0	dBA
3692	0	dBA
3403	0	dBA
3552	0	dBA
3561	0	dBA
3693	0	dBA
3703	0	dBA
3833	0	dBA
3844	0	dBA
3973	0	dBA
3985	0	dBA
4113	0	dBA
4128	0	dBA



**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR11	POR12	POR13	POR14	POR15
Point of Reception Description House 11	Point of Reception Description House 12	Point of Reception Description House 13	Point of Reception Description House 14	Point of Reception Description House 15
Point of reception coordinates X Y Z <sup>[3]</sup>	Point of reception coordinates X Y Z <sup>[3]</sup>	Point of reception coordinates X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Z Z <sup>[5]</sup>
366177 4906667 141.5	366036 4906191 139.8	366475 4906165 136.1	366841 4906227 132.6	366749 4907702 138.1

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_1_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 11		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5015	0	dBA
5037	0	dBA
5058	0	dBA
4880	0	dBA
4592	0	dBA
4497	0	dBA
4417	0	dBA
4353	0	dBA
4288	0	dBA
4232	0	dBA
4208	0	dBA
4124	0	dBA
4049	0	dBA
3971	0	dBA
3896	0	dBA
2471	0	dBA
2200	0	dBA
2395	0	dBA
2643	0	dBA
2514	0	dBA
2377	0	dBA
2251	0	dBA
1722	11	dBA
3964	0	dBA
3949	0	dBA
3933	0	dBA
4106	0	dBA
4082	0	dBA
4073	0	dBA
4066	0	dBA
2232	0	dBA
2265	0	dBA
2308	0	dBA
2361	0	dBA
2394	0	dBA
2448	0	dBA
2369	0	dBA
2389	0	dBA
2411	0	dBA
2444	0	dBA
2484	0	dBA
2534	0	dBA
2565	0	dBA
2616	0	dBA
2551	0	dBA
2574	0	dBA
2607	0	dBA
2644	0	dBA

Point of Reception 12		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5373	0	dBA
5403	0	dBA
5432	0	dBA
5274	0	dBA
4984	0	dBA
4882	0	dBA
4793	0	dBA
4720	0	dBA
4645	0	dBA
4579	0	dBA
4633	0	dBA
4542	0	dBA
4460	0	dBA
4375	0	dBA
4292	0	dBA
2931	0	dBA
2654	0	dBA
2839	0	dBA
3139	0	dBA
3009	0	dBA
2872	0	dBA
2745	0	dBA
2213	0	dBA
4212	0	dBA
4186	0	dBA
4153	0	dBA
4351	0	dBA
4307	0	dBA
4285	0	dBA
4263	0	dBA
2541	0	dBA
2592	0	dBA
2652	0	dBA
2723	0	dBA
2765	0	dBA
2832	0	dBA
2631	0	dBA
2671	0	dBA
2707	0	dBA
2760	0	dBA
2817	0	dBA
2884	0	dBA
2924	0	dBA
2988	0	dBA
2807	0	dBA
2852	0	dBA
2905	0	dBA
2961	0	dBA

Point of Reception 13		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
5017	0	dBA
5054	0	dBA
5089	0	dBA
4951	0	dBA
4659	0	dBA
4551	0	dBA
4453	0	dBA
4373	0	dBA
4291	0	dBA
4218	0	dBA
4346	0	dBA
4247	0	dBA
4158	0	dBA
4065	0	dBA
3974	0	dBA
2714	0	dBA
2429	0	dBA
2596	0	dBA
3049	0	dBA
2913	0	dBA
2769	0	dBA
2635	0	dBA
2099	0	dBA
3801	0	dBA
3771	0	dBA
3732	0	dBA
3938	0	dBA
3887	0	dBA
3861	0	dBA
3836	0	dBA
2170	0	dBA
2232	0	dBA
2304	0	dBA
2388	0	dBA
2437	0	dBA
2515	0	dBA
2234	0	dBA
2283	0	dBA
2327	0	dBA
2390	0	dBA
2458	0	dBA
2537	0	dBA
2583	0	dBA
2657	0	dBA
2406	0	dBA
2460	0	dBA
2524	0	dBA
2591	0	dBA

Point of Reception 14		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4682	0	dBA
4724	0	dBA
4762	0	dBA
4638	0	dBA
4346	0	dBA
4233	0	dBA
4131	0	dBA
4046	0	dBA
3958	0	dBA
3881	0	dBA
4062	0	dBA
3958	0	dBA
3864	0	dBA
3765	0	dBA
3668	0	dBA
2500	0	dBA
2212	0	dBA
2360	0	dBA
2938	0	dBA
2800	0	dBA
2652	0	dBA
2514	0	dBA
1988	10	dBA
3435	0	dBA
3403	0	dBA
3362	0	dBA
3571	0	dBA
3518	0	dBA
3491	0	dBA
3464	0	dBA
1853	16	dBA
1903	16	dBA
1984	10	dBA
2077	0	dBA
2132	0	dBA
2218	0	dBA
1878	12	dBA
1932	16	dBA
1982	15	dBA
2052	0	dBA
2128	0	dBA
2215	0	dBA
2267	0	dBA
2348	0	dBA
2047	0	dBA
2106	0	dBA
2178	0	dBA
2251	0	dBA

Point of Reception 15		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4081	0	dBA
4081	0	dBA
4085	0	dBA
3859	0	dBA
3582	0	dBA
3507	0	dBA
3451	0	dBA
3410	0	dBA
3372	0	dBA
3343	0	dBA
3127	0	dBA
3059	0	dBA
3001	0	dBA
2943	0	dBA
2891	0	dBA
1334	19	dBA
1091	15	dBA
1305	13	dBA
1488	18	dBA
1354	19	dBA
1211	20	dBA
1079	21	dBA
544	21	dBA
3340	0	dBA
3356	0	dBA
3385	0	dBA
3484	0	dBA
3514	0	dBA
3537	0	dBA
3569	0	dBA
1604	17	dBA
1576	17	dBA
1555	12	dBA
1544	12	dBA
1543	12	dBA
1549	12	dBA
1858	16	dBA
1819	16	dBA
1791	16	dBA
1763	16	dBA
1745	16	dBA
1735	11	dBA
1735	11	dBA
1741	11	dBA
2029	0	dBA
1988	15	dBA
1955	15	dBA
1933	16	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR11	POR12	POR13	POR14	POR15
Point of Reception Description House 11	Point of Reception Description House 12	Point of Reception Description House 13	Point of Reception Description House 14	Point of Reception Description House 15
Point of reception coordinates X Y Z <sup>(1)</sup> 366177 4906667 141.5	Point of reception coordinates X Y Z <sup>(1)</sup> 366036 4906191 139.8	Point of reception coordinates X Y Z <sup>(1)</sup> 366475 4906165 136.1	X Y Z <sup>(1)</sup> 366841 4906227 132.6	X Z Z <sup>(1)</sup> 366749 4907702 138.1

Source ID <sup>(1)</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 11		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
2689	0	dB(A)
2743	0	dB(A)
2797	0	dB(A)
2089	0	dB(A)
2132	0	dB(A)
2185	0	dB(A)
2220	0	dB(A)
2283	0	dB(A)
2007	0	dB(A)
2069	0	dB(A)
2159	0	dB(A)
1591	17	dB(A)
1638	17	dB(A)
1681	17	dB(A)
1796	16	dB(A)
234	34	dB(A)
185	30	dB(A)
230	28	dB(A)
316	26	dB(A)
388	30	dB(A)
430	23	dB(A)
660	25	dB(A)
1733	7	dB(A)
1669	17	dB(A)
1624	17	dB(A)
1554	18	dB(A)
1538	18	dB(A)
1529	18	dB(A)
1526	18	dB(A)
1532	12	dB(A)
1550	12	dB(A)
1856	16	dB(A)
1797	16	dB(A)
1752	16	dB(A)
1720	17	dB(A)
1709	11	dB(A)
1787	11	dB(A)
2043	0	dB(A)
1997	15	dB(A)
1962	15	dB(A)
1935	16	dB(A)
1917	16	dB(A)
1912	10	dB(A)
1916	10	dB(A)
1995	11	dB(A)
1867	12	dB(A)
1849	12	dB(A)
3903	0	dB(A)
3545	0	dB(A)
3545	0	dB(A)
3547	0	dB(A)
3366	0	dB(A)
3365	0	dB(A)
3367	0	dB(A)
3186	0	dB(A)
3185	0	dB(A)
3188	0	dB(A)

Point of Reception 12		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
3023	0	dB(A)
3094	0	dB(A)
3161	0	dB(A)
2429	0	dB(A)
2488	0	dB(A)
2557	0	dB(A)
2602	0	dB(A)
2678	0	dB(A)
2389	0	dB(A)
2467	0	dB(A)
2574	0	dB(A)
1944	15	dB(A)
2010	0	dB(A)
2069	0	dB(A)
2166	0	dB(A)
303	32	dB(A)
432	23	dB(A)
537	21	dB(A)
652	19	dB(A)
467	28	dB(A)
585	20	dB(A)
752	24	dB(A)
1291	9	dB(A)
1251	20	dB(A)
1232	20	dB(A)
1213	20	dB(A)
1224	20	dB(A)
1245	20	dB(A)
1275	19	dB(A)
1314	13	dB(A)
1375	9	dB(A)
1429	18	dB(A)
1397	19	dB(A)
1392	19	dB(A)
1403	18	dB(A)
1430	13	dB(A)
1559	7	dB(A)
1630	17	dB(A)
1607	17	dB(A)
1596	17	dB(A)
1597	17	dB(A)
1614	17	dB(A)
1641	7	dB(A)
1678	7	dB(A)
1522	18	dB(A)
1400	15	dB(A)
1364	19	dB(A)
4292	0	dB(A)
3653	0	dB(A)
3651	0	dB(A)
3654	0	dB(A)
3471	0	dB(A)
3470	0	dB(A)
3472	0	dB(A)
3289	0	dB(A)
3288	0	dB(A)
3290	0	dB(A)

Point of Reception 13		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
2663	0	dB(A)
2746	0	dB(A)
2823	0	dB(A)
2080	0	dB(A)
2152	0	dB(A)
2234	0	dB(A)
2287	0	dB(A)
2375	0	dB(A)
2077	0	dB(A)
2169	0	dB(A)
2293	0	dB(A)
1616	17	dB(A)
1698	17	dB(A)
1770	16	dB(A)
1848	16	dB(A)
562	23	dB(A)
660	15	dB(A)
762	14	dB(A)
875	13	dB(A)
801	20	dB(A)
903	12	dB(A)
1113	17	dB(A)
1632	7	dB(A)
1619	13	dB(A)
1620	13	dB(A)
1629	13	dB(A)
1649	13	dB(A)
1678	13	dB(A)
1713	13	dB(A)
1753	6	dB(A)
1815	6	dB(A)
1784	13	dB(A)
1776	13	dB(A)
1797	12	dB(A)
1825	12	dB(A)
1862	6	dB(A)
1997	5	dB(A)
1994	11	dB(A)
1989	11	dB(A)
1994	11	dB(A)
2009	0	dB(A)
2038	0	dB(A)
2072	0	dB(A)
2115	0	dB(A)
1804	12	dB(A)
1699	13	dB(A)
1613	14	dB(A)
3969	0	dB(A)
3213	0	dB(A)
3212	0	dB(A)
3214	0	dB(A)
3031	0	dB(A)
3030	0	dB(A)
3033	0	dB(A)
2850	0	dB(A)
2848	0	dB(A)
2851	0	dB(A)

Point of Reception 14		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
2331	0	dB(A)
2423	0	dB(A)
2507	0	dB(A)
1762	16	dB(A)
1843	16	dB(A)
1935	10	dB(A)
1994	10	dB(A)
2092	0	dB(A)
1791	11	dB(A)
1893	10	dB(A)
2030	0	dB(A)
1324	19	dB(A)
1419	18	dB(A)
1501	18	dB(A)
1560	18	dB(A)
864	19	dB(A)
931	12	dB(A)
1016	11	dB(A)
1113	10	dB(A)
1106	17	dB(A)
1191	10	dB(A)
1416	15	dB(A)
1983	5	dB(A)
1979	12	dB(A)
1986	11	dB(A)
2000	11	dB(A)
2020	0	dB(A)
2048	0	dB(A)
2082	0	dB(A)
2120	0	dB(A)
2177	0	dB(A)
2139	0	dB(A)
2139	0	dB(A)
2165	0	dB(A)
2196	0	dB(A)
2233	0	dB(A)
2365	0	dB(A)
2351	0	dB(A)
2351	0	dB(A)
2362	0	dB(A)
2379	0	dB(A)
2409	0	dB(A)
2443	0	dB(A)
2484	0	dB(A)
2129	0	dB(A)
2033	0	dB(A)
1926	12	dB(A)
3658	0	dB(A)
2847	0	dB(A)
2846	0	dB(A)
2849	0	dB(A)
2666	0	dB(A)
2664	0	dB(A)
2667	0	dB(A)
2484	0	dB(A)
2483	0	dB(A)
2485	0	dB(A)

Point of Reception 15		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1921	10	dB(A)
1919	10	dB(A)
1927	10	dB(A)
1390	19	dB(A)
1368	19	dB(A)
1356	13	dB(A)
1354	13	dB(A)
1362	13	dB(A)
1175	14	dB(A)
1172	14	dB(A)
1189	14	dB(A)
990	22	dB(A)
942	22	dB(A)
910	22	dB(A)
1059	21	dB(A)
1412	18	dB(A)
1316	13	dB(A)
1263	14	dB(A)
1213	14	dB(A)
1463	18	dB(A)
1416	13	dB(A)
1561	17	dB(A)
2903	0	dB(A)
2827	0	dB(A)
2767	0	dB(A)
2662	0	dB(A)
2626	0	dB(A)
2590	0	dB(A)
2558	0	dB(A)
2531	0	dB(A)
2502	0	dB(A)
3016	0	dB(A)
2941	0	dB(A)
2867	0	dB(A)
2800	0	dB(A)
2754	0	dB(A)
2774	0	dB(A)
3192	0	dB(A)
3130	0	dB(A)
3075	0	dB(A)
3025	0	dB(A)
2974	0	dB(A)
2936	0	dB(A)
2902	0	dB(A)
3176	0	dB(A)
3047	0	dB(A)
3032	0	dB(A)
2912	0	dB(A)
3311	0	dB(A)
3312	0	dB(A)
3314	0	dB(A)
3150	0	dB(A)
3152	0	dB(A)
2993	0	dB(A)
2994	0	dB(A)
2996	0	dB(A)

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR11</b>	Point of Reception ID <b>POR12</b>	Point of Reception ID <b>POR13</b>	Point of Reception ID <b>POR14</b>	Point of Reception ID <b>POR15</b>
Point of Reception Description House 11	Point of Reception Description House 12	Point of Reception Description House 13	Point of Reception Description House 14	Point of Reception Description House 15
Point of reception coordinates X Y Z <sup>(1)</sup> 366177 4906667 141.5	Point of reception coordinates X Y Z <sup>(1)</sup> 366036 4906191 139.8	Point of reception coordinates X Y Z <sup>(1)</sup> 366475 4906165 136.1	X Y Z <sup>(1)</sup> 366841 4906227 132.6	X Z Z <sup>(1)</sup> 366749 4907702 138.1

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 11		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
3243	0	dBA
3242	0	dBA
3244	0	dBA
3700	0	dBA
3699	0	dBA
3702	0	dBA
3602	0	dBA
3601	0	dBA
3604	0	dBA
3548	0	dBA
3547	0	dBA
3549	0	dBA
3402	0	dBA
3400	0	dBA
3403	0	dBA
3219	0	dBA
3218	0	dBA
3220	0	dBA
3463	0	dBA
3462	0	dBA
3465	0	dBA
3579	0	dBA
3306	0	dBA
3458	0	dBA
3464	0	dBA
3599	0	dBA
3605	0	dBA
3737	0	dBA
3745	0	dBA
3877	0	dBA
3885	0	dBA
4016	0	dBA
4027	0	dBA

Point of Reception 12		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
3406	0	dBA
3404	0	dBA
3406	0	dBA
3860	0	dBA
3859	0	dBA
3861	0	dBA
3742	0	dBA
3741	0	dBA
3743	0	dBA
3709	0	dBA
3707	0	dBA
3710	0	dBA
3563	0	dBA
3561	0	dBA
3564	0	dBA
3354	0	dBA
3352	0	dBA
3355	0	dBA
3591	0	dBA
3590	0	dBA
3592	0	dBA
3670	0	dBA
2862	0	dBA
3005	0	dBA
3020	0	dBA
3148	0	dBA
3163	0	dBA
3288	0	dBA
3306	0	dBA
3430	0	dBA
3448	0	dBA
3571	0	dBA
3591	0	dBA

Point of Reception 13		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
2973	0	dBA
2971	0	dBA
2973	0	dBA
3426	0	dBA
3425	0	dBA
3427	0	dBA
3305	0	dBA
3304	0	dBA
3306	0	dBA
3275	0	dBA
3273	0	dBA
3276	0	dBA
3130	0	dBA
3128	0	dBA
3130	0	dBA
2917	0	dBA
2915	0	dBA
2918	0	dBA
3153	0	dBA
3152	0	dBA
3154	0	dBA
3230	0	dBA
2778	0	dBA
2940	0	dBA
2933	0	dBA
3076	0	dBA
3071	0	dBA
3211	0	dBA
3209	0	dBA
3347	0	dBA
3347	0	dBA
3484	0	dBA
3486	0	dBA

Point of Reception 14		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
2602	0	dBA
2600	0	dBA
2602	0	dBA
3055	0	dBA
3054	0	dBA
3056	0	dBA
2936	0	dBA
2934	0	dBA
2937	0	dBA
2904	0	dBA
2902	0	dBA
2905	0	dBA
2759	0	dBA
2757	0	dBA
2759	0	dBA
2547	0	dBA
2546	0	dBA
2548	0	dBA
2785	0	dBA
2783	0	dBA
2786	0	dBA
2867	0	dBA
2843	0	dBA
3018	0	dBA
2993	0	dBA
3147	0	dBA
3124	0	dBA
3276	0	dBA
3256	0	dBA
3406	0	dBA
3388	0	dBA
3537	0	dBA
3523	0	dBA

Point of Reception 15		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2895	0	dBA
2895	0	dBA
2897	0	dBA
3321	0	dBA
3321	0	dBA
3324	0	dBA
3281	0	dBA
3282	0	dBA
3284	0	dBA
3178	0	dBA
3178	0	dBA
3181	0	dBA
3041	0	dBA
3042	0	dBA
3044	0	dBA
2942	0	dBA
2943	0	dBA
2945	0	dBA
3181	0	dBA
3182	0	dBA
3185	0	dBA
3381	0	dBA
4311	0	dBA
4481	0	dBA
4463	0	dBA
4614	0	dBA
4597	0	dBA
4745	0	dBA
4730	0	dBA
4877	0	dBA
4864	0	dBA
5010	0	dBA
4999	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	
POR16	POR17	POR18	POR19	POR20	
<b>Point of Reception Description</b> House 16	<b>Point of Reception Description</b> House 17	<b>Point of Reception Description</b> House 18	<b>Point of Reception Description</b> House 19	<b>Point of Reception Description</b> House 20	
X	Y	Z <sup>[5]</sup>	X	Y	Z
366878	4907989	138.5	366607	4908072	135.3
X	Y	Z	X	Y	Z
366624	4908373	139.6	366652	4908460	141.9
X	Y	Z	X	Y	Z
366655	4908543	142.3			

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_1_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 16		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
3875	0	dBA
3867	0	dBA
3865	0	dBA
3621	0	dBA
3350	0	dBA
3283	0	dBA
3238	0	dBA
3206	0	dBA
3179	0	dBA
3160	0	dBA
2868	0	dBA
2808	0	dBA
2757	0	dBA
2709	0	dBA
2666	0	dBA
1062	21	dBA
849	17	dBA
1068	15	dBA
1182	20	dBA
1046	21	dBA
901	23	dBA
767	24	dBA
231	28	dBA
3253	0	dBA
3278	0	dBA
3321	0	dBA
3395	0	dBA
3442	0	dBA
3475	0	dBA
3519	0	dBA
1577	17	dBA
1526	18	dBA
1480	12	dBA
1441	13	dBA
1425	13	dBA
1408	13	dBA
1857	16	dBA
1798	16	dBA
1755	16	dBA
1705	17	dBA
1664	17	dBA
1630	11	dBA
1616	12	dBA
1602	12	dBA
2015	0	dBA
1953	15	dBA
1897	16	dBA
1853	16	dBA

Point of Reception 17		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
4118	0	dBA
4106	0	dBA
4098	0	dBA
3842	0	dBA
3576	0	dBA
3516	0	dBA
3478	0	dBA
3452	0	dBA
3431	0	dBA
3417	0	dBA
3070	0	dBA
3018	0	dBA
2975	0	dBA
2935	0	dBA
2901	0	dBA
1268	16	dBA
1090	11	dBA
1307	9	dBA
1176	17	dBA
1052	18	dBA
923	22	dBA
809	23	dBA
356	25	dBA
3535	0	dBA
3561	0	dBA
3605	0	dBA
3677	0	dBA
3725	0	dBA
3759	0	dBA
3803	0	dBA
1859	12	dBA
1809	12	dBA
1764	6	dBA
1724	7	dBA
1706	7	dBA
1685	7	dBA
2135	0	dBA
2080	0	dBA
2037	0	dBA
1989	11	dBA
1947	12	dBA
1912	6	dBA
1896	6	dBA
1878	6	dBA
2295	0	dBA
2236	0	dBA
2181	0	dBA
2137	0	dBA

Point of Reception 18		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
4045	0	dBA
4023	0	dBA
4007	0	dBA
3730	0	dBA
3475	0	dBA
3426	0	dBA
3401	0	dBA
3387	0	dBA
3379	0	dBA
3377	0	dBA
2936	0	dBA
2896	0	dBA
2865	0	dBA
2838	0	dBA
2817	0	dBA
1172	17	dBA
1058	11	dBA
1262	9	dBA
898	19	dBA
782	20	dBA
668	22	dBA
577	27	dBA
348	25	dBA
3589	0	dBA
3624	0	dBA
3680	0	dBA
3728	0	dBA
3792	0	dBA
3834	0	dBA
3888	0	dBA
1984	15	dBA
1920	16	dBA
1856	10	dBA
1795	11	dBA
1764	11	dBA
1724	11	dBA
2274	0	dBA
2206	0	dBA
2152	0	dBA
2088	0	dBA
2030	0	dBA
1974	10	dBA
1947	10	dBA
1911	10	dBA
2423	0	dBA
2349	0	dBA
2277	0	dBA
2216	0	dBA

Point of Reception 19		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
4005	0	dBA
3980	0	dBA
3962	0	dBA
3680	0	dBA
3427	0	dBA
3382	0	dBA
3360	0	dBA
3350	0	dBA
3345	0	dBA
3347	0	dBA
2880	0	dBA
2844	0	dBA
2816	0	dBA
2793	0	dBA
2776	0	dBA
2776	0	dBA
1135	17	dBA
1042	15	dBA
1239	14	dBA
808	24	dBA
695	25	dBA
586	26	dBA
504	28	dBA
374	24	dBA
3587	0	dBA
3625	0	dBA
3684	0	dBA
3725	0	dBA
3793	0	dBA
3839	0	dBA
3895	0	dBA
2008	0	dBA
1939	15	dBA
1870	10	dBA
1803	11	dBA
1769	11	dBA
1722	11	dBA
2302	0	dBA
2229	0	dBA
2173	0	dBA
2103	0	dBA
2040	0	dBA
1979	10	dBA
1948	10	dBA
1907	10	dBA
2446	0	dBA
2368	0	dBA
2290	0	dBA
2225	0	dBA

Point of Reception 20		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
3991	0	dBA
3964	0	dBA
3943	0	dBA
3656	0	dBA
3406	0	dBA
3365	0	dBA
3347	0	dBA
3340	0	dBA
3339	0	dBA
3344	0	dBA
2850	0	dBA
2818	0	dBA
2794	0	dBA
2775	0	dBA
2762	0	dBA
1128	17	dBA
1056	15	dBA
1246	9	dBA
736	24	dBA
628	26	dBA
529	27	dBA
462	29	dBA
431	23	dBA
3610	0	dBA
3649	0	dBA
3712	0	dBA
3746	0	dBA
3819	0	dBA
3866	0	dBA
3925	0	dBA
2053	0	dBA
1981	15	dBA
1907	10	dBA
1836	10	dBA
1798	11	dBA
1747	11	dBA
2349	0	dBA
2274	0	dBA
2214	0	dBA
2141	0	dBA
2074	0	dBA
2009	0	dBA
1975	10	dBA
1929	10	dBA
2490	0	dBA
2408	0	dBA
2327	0	dBA
2257	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR16	POR17	POR18	POR19	POR20
Point of Reception Description House 16	Point of Reception Description House 17	Point of Reception Description House 18	Point of Reception Description House 19	Point of Reception Description House 20
X Y Z <sup>(2)</sup>	X Y Z	X Y Z	X Y Z	X Y Z
366678 4907989 138.5	366607 4908072 135.3	366624 4908373 139.6	366652 4908460 141.9	366655 4908543 142.3

Source ID <sup>(1)</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 16		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
1819	11	dBA
1794	11	dBA
1783	11	dBA
1352	19	dBA
1304	19	dBA
1262	14	dBA
1243	14	dBA
1222	14	dBA
1098	15	dBA
1060	15	dBA
1035	15	dBA
1044	21	dBA
964	22	dBA
902	23	dBA
1043	21	dBA
1725	17	dBA
1627	12	dBA
1569	12	dBA
1513	12	dBA
1767	16	dBA
1713	11	dBA
1846	16	dBA
3213	0	dBA
3134	0	dBA
3071	0	dBA
2959	0	dBA
2920	0	dBA
2880	0	dBA
2843	0	dBA
2810	0	dBA
2773	0	dBA
3323	0	dBA
3244	0	dBA
3165	0	dBA
3092	0	dBA
3039	0	dBA
3049	0	dBA
3496	0	dBA
3431	0	dBA
3372	0	dBA
3317	0	dBA
3260	0	dBA
3216	0	dBA
3176	0	dBA
3489	0	dBA
3360	0	dBA
3346	0	dBA
2694	0	dBA
3343	0	dBA
3345	0	dBA
3347	0	dBA
3192	0	dBA
3194	0	dBA
3196	0	dBA
3044	0	dBA
3046	0	dBA
3048	0	dBA

Point of Reception 17		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
2101	0	dBA
2072	0	dBA
2057	0	dBA
1634	13	dBA
1587	14	dBA
1546	8	dBA
1525	8	dBA
1500	8	dBA
1381	9	dBA
1343	9	dBA
1311	9	dBA
1306	16	dBA
1234	16	dBA
1177	17	dBA
1321	15	dBA
1684	17	dBA
1573	12	dBA
1501	12	dBA
1426	13	dBA
1688	17	dBA
1618	12	dBA
1720	17	dBA
3140	0	dBA
3050	0	dBA
2978	0	dBA
2850	0	dBA
2802	0	dBA
2753	0	dBA
2708	0	dBA
2666	0	dBA
2617	0	dBA
3240	0	dBA
3150	0	dBA
3055	0	dBA
2969	0	dBA
2904	0	dBA
2896	0	dBA
3402	0	dBA
3328	0	dBA
3259	0	dBA
3194	0	dBA
3125	0	dBA
3071	0	dBA
3021	0	dBA
3435	0	dBA
3302	0	dBA
3307	0	dBA
2933	0	dBA
3617	0	dBA
3619	0	dBA
3621	0	dBA
3464	0	dBA
3465	0	dBA
3467	0	dBA
3313	0	dBA
3315	0	dBA
3317	0	dBA

Point of Reception 18		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
2162	0	dBA
2113	0	dBA
2080	0	dBA
1757	16	dBA
1693	17	dBA
1630	11	dBA
1595	12	dBA
1547	12	dBA
1485	12	dBA
1422	13	dBA
1355	13	dBA
1496	18	dBA
1408	18	dBA
1336	19	dBA
1469	18	dBA
1974	15	dBA
1860	10	dBA
1783	11	dBA
1702	11	dBA
1964	15	dBA
1887	10	dBA
1972	15	dBA
3414	0	dBA
3319	0	dBA
3242	0	dBA
3105	0	dBA
3053	0	dBA
2998	0	dBA
2946	0	dBA
2898	0	dBA
2839	0	dBA
3508	0	dBA
3412	0	dBA
3310	0	dBA
3214	0	dBA
3142	0	dBA
3120	0	dBA
3664	0	dBA
3585	0	dBA
3510	0	dBA
3439	0	dBA
3362	0	dBA
3300	0	dBA
3242	0	dBA
3716	0	dBA
3581	0	dBA
3593	0	dBA
2857	0	dBA
3770	0	dBA
3771	0	dBA
3774	0	dBA
3624	0	dBA
3625	0	dBA
3627	0	dBA
3481	0	dBA
3483	0	dBA
3485	0	dBA

Point of Reception 19		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
2166	0	dBA
2111	0	dBA
2072	0	dBA
1782	16	dBA
1712	17	dBA
1643	11	dBA
1605	12	dBA
1549	12	dBA
1505	12	dBA
1436	13	dBA
1359	13	dBA
1542	18	dBA
1450	18	dBA
1374	19	dBA
1503	18	dBA
2065	0	dBA
1952	10	dBA
1874	10	dBA
1793	11	dBA
2055	0	dBA
1977	10	dBA
2060	0	dBA
3504	0	dBA
3408	0	dBA
3331	0	dBA
3192	0	dBA
3140	0	dBA
3084	0	dBA
3031	0	dBA
2982	0	dBA
2922	0	dBA
3598	0	dBA
3501	0	dBA
3397	0	dBA
3301	0	dBA
3227	0	dBA
3202	0	dBA
3753	0	dBA
3673	0	dBA
3597	0	dBA
3525	0	dBA
3447	0	dBA
3384	0	dBA
3324	0	dBA
3807	0	dBA
3672	0	dBA
3684	0	dBA
2818	0	dBA
3799	0	dBA
3800	0	dBA
3802	0	dBA
3655	0	dBA
3657	0	dBA
3659	0	dBA
3515	0	dBA
3517	0	dBA
3519	0	dBA

Point of Reception 20		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
2194	0	dBA
2134	0	dBA
2090	0	dBA
1827	16	dBA
1754	16	dBA
1680	11	dBA
1639	11	dBA
1577	12	dBA
1548	12	dBA
1473	12	dBA
1389	13	dBA
1604	17	dBA
1509	18	dBA
1431	18	dBA
1556	18	dBA
2145	0	dBA
2031	0	dBA
1952	10	dBA
1870	10	dBA
2132	0	dBA
2053	0	dBA
2131	0	dBA
3580	0	dBA
3483	0	dBA
3404	0	dBA
3264	0	dBA
3210	0	dBA
3153	0	dBA
3099	0	dBA
3048	0	dBA
2985	0	dBA
3672	0	dBA
3574	0	dBA
3468	0	dBA
3369	0	dBA
3294	0	dBA
3266	0	dBA
3826	0	dBA
3745	0	dBA
3668	0	dBA
3594	0	dBA
3514	0	dBA
3449	0	dBA
3387	0	dBA
3884	0	dBA
3749	0	dBA
3763	0	dBA
2805	0	dBA
3846	0	dBA
3848	0	dBA
3850	0	dBA
3704	0	dBA
3706	0	dBA
3708	0	dBA
3566	0	dBA
3569	0	dBA
3570	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>POR16</b>	Point of Reception ID <b>POR17</b>	Point of Reception ID <b>POR18</b>	Point of Reception ID <b>POR19</b>	Point of Reception ID <b>POR20</b>
Point of Reception Description House 16	Point of Reception Description House 17	Point of Reception Description House 18	Point of Reception Description House 19	Point of Reception Description House 20
X      Y      Z <sup>(2)</sup>	X      Y      Z	X      Y      Z	X      Y      Z	X      Y      Z
366878    4907989    138.5	366607    4908072    135.3	366624    4908373    139.6	366652    4908460    141.9	366655    4908543    142.3

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 16		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2904	0	dBA
2905	0	dBA
2907	0	dBA
3311	0	dBA
3312	0	dBA
3315	0	dBA
3290	0	dBA
3291	0	dBA
3293	0	dBA
3174	0	dBA
3175	0	dBA
3177	0	dBA
3044	0	dBA
3045	0	dBA
3047	0	dBA
2971	0	dBA
2972	0	dBA
2975	0	dBA
3204	0	dBA
3205	0	dBA
3207	0	dBA
3422	0	dBA
4603	0	dBA
4776	0	dBA
4754	0	dBA
4907	0	dBA
4886	0	dBA
5037	0	dBA
5018	0	dBA
5167	0	dBA
5150	0	dBA
5299	0	dBA
5284	0	dBA

Point of Reception 17		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3182	0	dBA
3183	0	dBA
3185	0	dBA
3593	0	dBA
3593	0	dBA
3596	0	dBA
3570	0	dBA
3572	0	dBA
3454	0	dBA
3455	0	dBA
3458	0	dBA
3323	0	dBA
3324	0	dBA
3326	0	dBA
3245	0	dBA
3247	0	dBA
3249	0	dBA
3480	0	dBA
3481	0	dBA
3483	0	dBA
3694	0	dBA
4680	0	dBA
4847	0	dBA
4833	0	dBA
4981	0	dBA
4968	0	dBA
5114	0	dBA
5103	0	dBA
5248	0	dBA
5238	0	dBA
5382	0	dBA
5375	0	dBA

Point of Reception 18		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3319	0	dBA
3321	0	dBA
3323	0	dBA
3713	0	dBA
3714	0	dBA
3716	0	dBA
3703	0	dBA
3704	0	dBA
3706	0	dBA
3580	0	dBA
3581	0	dBA
3583	0	dBA
3454	0	dBA
3455	0	dBA
3457	0	dBA
3397	0	dBA
3399	0	dBA
3401	0	dBA
3625	0	dBA
3626	0	dBA
3629	0	dBA
3853	0	dBA
4981	0	dBA
5148	0	dBA
5134	0	dBA
5282	0	dBA
5269	0	dBA
5415	0	dBA
5404	0	dBA
5548	0	dBA
5538	0	dBA
5682	0	dBA
5675	0	dBA

Point of Reception 19		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3344	0	dBA
3345	0	dBA
3347	0	dBA
3731	0	dBA
3732	0	dBA
3734	0	dBA
3726	0	dBA
3727	0	dBA
3729	0	dBA
3600	0	dBA
3601	0	dBA
3604	0	dBA
3476	0	dBA
3477	0	dBA
3480	0	dBA
3426	0	dBA
3428	0	dBA
3430	0	dBA
3651	0	dBA
3653	0	dBA
3655	0	dBA
3884	0	dBA
5068	0	dBA
5235	0	dBA
5221	0	dBA
5369	0	dBA
5355	0	dBA
5502	0	dBA
5490	0	dBA
5635	0	dBA
5624	0	dBA
5769	0	dBA
5760	0	dBA

Point of Reception 20		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3388	0	dBA
3390	0	dBA
3392	0	dBA
3770	0	dBA
3772	0	dBA
3774	0	dBA
3769	0	dBA
3770	0	dBA
3772	0	dBA
3641	0	dBA
3642	0	dBA
3645	0	dBA
3518	0	dBA
3520	0	dBA
3522	0	dBA
3474	0	dBA
3476	0	dBA
3478	0	dBA
3697	0	dBA
3699	0	dBA
3701	0	dBA
3933	0	dBA
5151	0	dBA
5318	0	dBA
5304	0	dBA
5452	0	dBA
5438	0	dBA
5585	0	dBA
5572	0	dBA
5718	0	dBA
5707	0	dBA
5851	0	dBA
5843	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	
POR21	POR22	POR23	POR24	POR25	
<b>Point of Reception Description</b> House 21	<b>Point of Reception Description</b> House 22	<b>Point of Reception Description</b> House 23	<b>Point of Reception Description</b> House 24	<b>Point of Reception Description</b> House 25	
X	Y	Z	X	Y	Z
366582	4908917	133.9	366648	4909043	136.0
X	Y	Z	X	Y	Z
367120	4908246	138.5	367056	4908173	138.5
X	Y	Z	X	Y	Z
367336	4907996	137.2			

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_1_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 21		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
4040	0	dBA
4000	0	dBA
3969	0	dBA
3656	0	dBA
3425	0	dBA
3399	0	dBA
3399	0	dBA
3408	0	dBA
3424	0	dBA
3444	0	dBA
2832	0	dBA
2818	0	dBA
2812	0	dBA
2811	0	dBA
2818	0	dBA
1258	16	dBA
1269	9	dBA
1423	8	dBA
535	24	dBA
494	25	dBA
492	25	dBA
529	24	dBA
786	14	dBA
3813	0	dBA
3861	0	dBA
3935	0	dBA
3945	0	dBA
4032	0	dBA
4089	0	dBA
4157	0	dBA
2348	0	dBA
2265	0	dBA
2179	0	dBA
2091	0	dBA
2044	0	dBA
1977	5	dBA
2648	0	dBA
2565	0	dBA
2497	0	dBA
2413	0	dBA
2332	0	dBA
2251	0	dBA
2207	0	dBA
2145	0	dBA
2777	0	dBA
2685	0	dBA
2591	0	dBA
2508	0	dBA

Point of Reception 22		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3974	0	dBA
3929	0	dBA
3895	0	dBA
3576	0	dBA
3350	0	dBA
3330	0	dBA
3336	0	dBA
3350	0	dBA
3371	0	dBA
3397	0	dBA
2748	0	dBA
2740	0	dBA
2739	0	dBA
2745	0	dBA
2757	0	dBA
1241	16	dBA
1284	9	dBA
1421	8	dBA
428	26	dBA
418	26	dBA
458	25	dBA
531	24	dBA
877	13	dBA
3806	0	dBA
3858	0	dBA
3937	0	dBA
3936	0	dBA
4030	0	dBA
4089	0	dBA
4162	0	dBA
2389	0	dBA
2301	0	dBA
2209	0	dBA
2115	0	dBA
2063	0	dBA
1989	5	dBA
2691	0	dBA
2603	0	dBA
2531	0	dBA
2441	0	dBA
2355	0	dBA
2267	0	dBA
2220	0	dBA
2151	0	dBA
2813	0	dBA
2716	0	dBA
2616	0	dBA
2526	0	dBA

Point of Reception 23		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3579	0	dBA
3565	0	dBA
3557	0	dBA
3300	0	dBA
3034	0	dBA
2974	0	dBA
2938	0	dBA
2915	0	dBA
2897	0	dBA
2889	0	dBA
2532	0	dBA
2478	0	dBA
2434	0	dBA
2393	0	dBA
2359	0	dBA
727	24	dBA
558	21	dBA
771	18	dBA
913	22	dBA
774	24	dBA
625	26	dBA
486	28	dBA
190	30	dBA
3077	0	dBA
3112	0	dBA
3170	0	dBA
3216	0	dBA
3281	0	dBA
3325	0	dBA
3381	0	dBA
1504	18	dBA
1430	18	dBA
1357	13	dBA
1288	14	dBA
1254	14	dBA
1211	14	dBA
1801	16	dBA
1724	17	dBA
1663	17	dBA
1590	17	dBA
1525	18	dBA
1465	12	dBA
1435	13	dBA
1398	13	dBA
1939	15	dBA
1857	16	dBA
1777	16	dBA
1710	17	dBA

Point of Reception 24		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3658	0	dBA
3646	0	dBA
3639	0	dBA
3387	0	dBA
3119	0	dBA
3057	0	dBA
3018	0	dBA
2992	0	dBA
2972	0	dBA
2960	0	dBA
2624	0	dBA
2567	0	dBA
2521	0	dBA
2478	0	dBA
2441	0	dBA
817	23	dBA
630	20	dBA
847	17	dBA
985	18	dBA
846	23	dBA
697	25	dBA
558	27	dBA
129	32	dBA
3120	0	dBA
3152	0	dBA
3206	0	dBA
3259	0	dBA
3319	0	dBA
3360	0	dBA
3413	0	dBA
1513	18	dBA
1445	18	dBA
1379	13	dBA
1320	13	dBA
1291	14	dBA
1256	14	dBA
1806	16	dBA
1734	17	dBA
1678	17	dBA
1612	17	dBA
1554	18	dBA
1501	12	dBA
1476	12	dBA
1446	13	dBA
1950	15	dBA
1874	16	dBA
1800	16	dBA
1740	16	dBA

Point of Reception 25		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3432	0	dBA
3429	0	dBA
3431	0	dBA
3203	0	dBA
2925	0	dBA
2852	0	dBA
2799	0	dBA
2762	0	dBA
2730	0	dBA
2707	0	dBA
2475	0	dBA
2405	0	dBA
2345	0	dBA
2287	0	dBA
2235	0	dBA
707	25	dBA
441	23	dBA
650	20	dBA
1194	20	dBA
1057	21	dBA
912	22	dBA
778	24	dBA
458	23	dBA
2806	0	dBA
2835	0	dBA
2884	0	dBA
2947	0	dBA
3000	0	dBA
3038	0	dBA
3088	0	dBA
1182	20	dBA
1114	21	dBA
1051	15	dBA
998	16	dBA
975	16	dBA
952	16	dBA
1476	18	dBA
1403	18	dBA
1347	19	dBA
1282	19	dBA
1228	20	dBA
1183	14	dBA
1164	14	dBA
1145	15	dBA
1619	17	dBA
1543	18	dBA
1472	18	dBA
1416	18	dBA



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR21	POR22	POR23	POR24	POR25										
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description										
House 21	House 22	House 23	House 24	House 25										
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z			
366582	4908917	133.9	366648	4909043	136.0	367120	4908246	138.5	367056	4908173	138.5	367336	4907996	137.2

Source ID <sup>[1]</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 21		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
2430	0	dBA
2351	0	dBA
2291	0	dBA
2125	0	dBA
2041	0	dBA
1953	5	dBA
1902	6	dBA
1823	6	dBA
1842	6	dBA
1751	6	dBA
1643	7	dBA
1951	12	dBA
1850	12	dBA
1765	13	dBA
1879	12	dBA
2488	0	dBA
2369	0	dBA
2284	0	dBA
2194	0	dBA
2454	0	dBA
2368	0	dBA
2423	0	dBA
3890	0	dBA
3786	0	dBA
3701	0	dBA
3548	0	dBA
3489	0	dBA
3425	0	dBA
3363	0	dBA
3304	0	dBA
3230	0	dBA
3974	0	dBA
3868	0	dBA
3751	0	dBA
3641	0	dBA
3555	0	dBA
3509	0	dBA
4118	0	dBA
4030	0	dBA
3945	0	dBA
3863	0	dBA
3773	0	dBA
3698	0	dBA
3626	0	dBA
4204	0	dBA
4067	0	dBA
4093	0	dBA
2870	0	dBA
4141	0	dBA
4143	0	dBA
4145	0	dBA
4007	0	dBA
4009	0	dBA
4011	0	dBA
3876	0	dBA
3878	0	dBA
3880	0	dBA

Point of Reception 22		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
2442	0	dBA
2356	0	dBA
2289	0	dBA
2170	0	dBA
2080	0	dBA
1986	5	dBA
1930	6	dBA
1844	6	dBA
1885	6	dBA
1788	6	dBA
1670	7	dBA
2025	0	dBA
1920	12	dBA
1831	12	dBA
1939	12	dBA
2626	0	dBA
2507	0	dBA
2423	0	dBA
2334	0	dBA
2595	0	dBA
2509	0	dBA
2565	0	dBA
4031	0	dBA
3928	0	dBA
3843	0	dBA
3690	0	dBA
3631	0	dBA
3566	0	dBA
3505	0	dBA
3445	0	dBA
3371	0	dBA
4116	0	dBA
4010	0	dBA
3893	0	dBA
3783	0	dBA
3697	0	dBA
3650	0	dBA
4260	0	dBA
4172	0	dBA
4087	0	dBA
4005	0	dBA
3914	0	dBA
3839	0	dBA
3766	0	dBA
4345	0	dBA
4209	0	dBA
4233	0	dBA
2813	0	dBA
4178	0	dBA
4180	0	dBA
4182	0	dBA
4047	0	dBA
4050	0	dBA
4051	0	dBA
3921	0	dBA
3923	0	dBA
3925	0	dBA

Point of Reception 23		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
1652	11	dBA
1601	12	dBA
1568	12	dBA
1278	19	dBA
1203	20	dBA
1130	15	dBA
1090	15	dBA
1035	15	dBA
998	16	dBA
922	16	dBA
845	17	dBA
1100	21	dBA
994	22	dBA
907	22	dBA
1020	21	dBA
2070	0	dBA
1975	10	dBA
1920	10	dBA
1866	10	dBA
2119	0	dBA
2067	0	dBA
2198	0	dBA
3562	0	dBA
3485	0	dBA
3423	0	dBA
3313	0	dBA
3273	0	dBA
3233	0	dBA
3195	0	dBA
3161	0	dBA
3122	0	dBA
3674	0	dBA
3597	0	dBA
3518	0	dBA
3445	0	dBA
3392	0	dBA
3399	0	dBA
3848	0	dBA
3784	0	dBA
3725	0	dBA
3670	0	dBA
3612	0	dBA
3567	0	dBA
3526	0	dBA
3835	0	dBA
3706	0	dBA
3687	0	dBA
2393	0	dBA
3298	0	dBA
3300	0	dBA
3302	0	dBA
3158	0	dBA
3160	0	dBA
3162	0	dBA
3162	0	dBA
3023	0	dBA
3025	0	dBA
3027	0	dBA

Point of Reception 24		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
1690	11	dBA
1646	11	dBA
1620	12	dBA
1286	19	dBA
1218	20	dBA
1154	15	dBA
1120	15	dBA
1076	15	dBA
1011	16	dBA
946	16	dBA
884	17	dBA
1070	21	dBA
970	22	dBA
888	23	dBA
1011	21	dBA
1973	15	dBA
1878	10	dBA
1823	10	dBA
1768	11	dBA
2021	0	dBA
1969	10	dBA
2101	0	dBA
3465	0	dBA
3387	0	dBA
3325	0	dBA
3214	0	dBA
3175	0	dBA
3135	0	dBA
3098	0	dBA
3064	0	dBA
3026	0	dBA
3577	0	dBA
3499	0	dBA
3420	0	dBA
3347	0	dBA
3294	0	dBA
3302	0	dBA
3750	0	dBA
3686	0	dBA
3627	0	dBA
3572	0	dBA
3515	0	dBA
3470	0	dBA
3429	0	dBA
3738	0	dBA
3609	0	dBA
3591	0	dBA
2473	0	dBA
3303	0	dBA
3305	0	dBA
3307	0	dBA
3160	0	dBA
3162	0	dBA
3164	0	dBA
3021	0	dBA
3023	0	dBA
3025	0	dBA

Point of Reception 25		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
1372	13	dBA
1339	13	dBA
1325	13	dBA
955	22	dBA
887	23	dBA
827	17	dBA
798	18	dBA
766	18	dBA
680	19	dBA
620	20	dBA
578	21	dBA
780	24	dBA
670	25	dBA
579	27	dBA
690	25	dBA
1998	15	dBA
1919	10	dBA
1881	10	dBA
1846	10	dBA
2084	0	dBA
2049	0	dBA
2209	0	dBA
3496	0	dBA
3432	0	dBA
3381	0	dBA
3290	0	dBA
3260	0	dBA
3229	0	dBA
3203	0	dBA
3180	0	dBA
3154	0	dBA
3619	0	dBA
3554	0	dBA
3493	0	dBA
3437	0	dBA
3397	0	dBA
3425	0	dBA
3803	0	dBA
3750	0	dBA
3703	0	dBA
3660	0	dBA
3616	0	dBA
3583	0	dBA
3554	0	dBA
3747	0	dBA
3624	0	dBA
3585	0	dBA
2258	0	dBA
2973	0	dBA
2975	0	dBA
2977	0	dBA
2832	0	dBA
2834	0	dBA
2836	0	dBA
2695	0	dBA
2697	0	dBA
2699	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR21	POR22	POR23	POR24	POR25
Point of Reception Description House 21	Point of Reception Description House 22	Point of Reception Description House 23	Point of Reception Description House 24	Point of Reception Description House 25
X Y Z	X Y Z	X Y Z	X Y Z	X Y Z
366582 4908917 133.9	366648 4909043 136.0	367120 4908246 138.5	367056 4908173 138.5	367336 4907996 137.2

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 21		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3673	0	dBA
3675	0	dBA
3677	0	dBA
4037	0	dBA
4039	0	dBA
4041	0	dBA
4048	0	dBA
4050	0	dBA
4052	0	dBA
3914	0	dBA
3915	0	dBA
3917	0	dBA
3797	0	dBA
3799	0	dBA
3801	0	dBA
3771	0	dBA
3773	0	dBA
3775	0	dBA
3987	0	dBA
3989	0	dBA
3991	0	dBA
4233	0	dBA
5525	0	dBA
5691	0	dBA
5678	0	dBA
5826	0	dBA
5814	0	dBA
5959	0	dBA
5948	0	dBA
6093	0	dBA
6083	0	dBA
6227	0	dBA
6220	0	dBA

Point of Reception 22		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3705	0	dBA
3707	0	dBA
3709	0	dBA
4059	0	dBA
4060	0	dBA
4062	0	dBA
4077	0	dBA
4079	0	dBA
4081	0	dBA
3938	0	dBA
3940	0	dBA
3942	0	dBA
3825	0	dBA
3827	0	dBA
3829	0	dBA
3809	0	dBA
3811	0	dBA
3813	0	dBA
4021	0	dBA
4023	0	dBA
4025	0	dBA
4272	0	dBA
5651	0	dBA
5818	0	dBA
5804	0	dBA
5952	0	dBA
5938	0	dBA
6085	0	dBA
6072	0	dBA
6218	0	dBA
6207	0	dBA
6352	0	dBA
6343	0	dBA

Point of Reception 23		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2837	0	dBA
2839	0	dBA
2841	0	dBA
3219	0	dBA
3220	0	dBA
3223	0	dBA
3218	0	dBA
3219	0	dBA
3221	0	dBA
3090	0	dBA
3091	0	dBA
3093	0	dBA
2967	0	dBA
2969	0	dBA
2971	0	dBA
2926	0	dBA
2928	0	dBA
2930	0	dBA
3148	0	dBA
3149	0	dBA
3152	0	dBA
3386	0	dBA
4879	0	dBA
5055	0	dBA
5027	0	dBA
5183	0	dBA
5156	0	dBA
5310	0	dBA
5285	0	dBA
5438	0	dBA
5414	0	dBA
5567	0	dBA
5546	0	dBA

Point of Reception 24		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2848	0	dBA
2850	0	dBA
2852	0	dBA
3238	0	dBA
3239	0	dBA
3241	0	dBA
3231	0	dBA
3232	0	dBA
3234	0	dBA
3106	0	dBA
3107	0	dBA
3109	0	dBA
2981	0	dBA
2982	0	dBA
2984	0	dBA
2930	0	dBA
2932	0	dBA
2934	0	dBA
3156	0	dBA
3157	0	dBA
3160	0	dBA
3389	0	dBA
4799	0	dBA
4975	0	dBA
4948	0	dBA
5103	0	dBA
5078	0	dBA
5231	0	dBA
5207	0	dBA
5360	0	dBA
5338	0	dBA
5489	0	dBA
5470	0	dBA

Point of Reception 25		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2517	0	dBA
2519	0	dBA
2521	0	dBA
2907	0	dBA
2908	0	dBA
2910	0	dBA
2899	0	dBA
2901	0	dBA
2903	0	dBA
2775	0	dBA
2776	0	dBA
2778	0	dBA
2650	0	dBA
2651	0	dBA
2653	0	dBA
2601	0	dBA
2603	0	dBA
2605	0	dBA
2825	0	dBA
2827	0	dBA
2829	0	dBA
3060	0	dBA
4658	0	dBA
4839	0	dBA
4803	0	dBA
4963	0	dBA
4928	0	dBA
5086	0	dBA
5054	0	dBA
5211	0	dBA
5181	0	dBA
5337	0	dBA
5309	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	
POR26	POR27	POR28	POR29	POR30	
<b>Point of Reception Description</b> House 26	<b>Point of Reception Description</b> House 27	<b>Point of Reception Description</b> House 28	<b>Point of Reception Description</b> House 29	<b>Point of Reception Description</b> House 30	
X	Y	Z	X	Y	Z
367424	4907955	136.5	367640	4907903	134.5
X	Y	Z	X	Y	Z
367636	4907974	135.4	367669	4908129	135.5
X	Y	Z	X	Y	Z
367948	4908749	138.4			

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_1_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 26		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3360	0	dBA
3360	0	dBA
3364	0	dBA
3143	0	dBA
2863	0	dBA
2787	0	dBA
2730	0	dBA
2690	0	dBA
2654	0	dBA
2628	0	dBA
2428	0	dBA
2353	0	dBA
2289	0	dBA
2227	0	dBA
2171	0	dBA
689	25	dBA
408	23	dBA
603	20	dBA
1256	19	dBA
1122	21	dBA
980	22	dBA
849	23	dBA
555	21	dBA
2711	0	dBA
2739	0	dBA
2787	0	dBA
2852	0	dBA
2904	0	dBA
2942	0	dBA
2991	0	dBA
1086	21	dBA
1017	21	dBA
954	16	dBA
901	17	dBA
880	17	dBA
861	17	dBA
1381	19	dBA
1307	19	dBA
1250	20	dBA
1185	20	dBA
1131	20	dBA
1087	15	dBA
1070	15	dBA
1054	15	dBA
1523	18	dBA
1446	18	dBA
1374	19	dBA
1319	19	dBA

Point of Reception 27		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3173	0	dBA
3178	0	dBA
3187	0	dBA
2980	0	dBA
2696	0	dBA
2613	0	dBA
2549	0	dBA
2502	0	dBA
2460	0	dBA
2429	0	dBA
2292	0	dBA
2209	0	dBA
2137	0	dBA
2065	0	dBA
2001	0	dBA
656	25	dBA
374	24	dBA
505	22	dBA
1382	19	dBA
1255	20	dBA
1121	21	dBA
1001	22	dBA
772	18	dBA
2489	0	dBA
2517	0	dBA
2566	0	dBA
2630	0	dBA
2682	0	dBA
2720	0	dBA
2770	0	dBA
883	23	dBA
806	24	dBA
736	18	dBA
679	19	dBA
658	19	dBA
644	20	dBA
1183	20	dBA
1102	21	dBA
1040	21	dBA
969	22	dBA
911	22	dBA
865	17	dBA
849	17	dBA
838	17	dBA
1317	19	dBA
1234	20	dBA
1157	20	dBA
1098	21	dBA

Point of Reception 28		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3153	0	dBA
3155	0	dBA
3162	0	dBA
2948	0	dBA
2666	0	dBA
2586	0	dBA
2526	0	dBA
2483	0	dBA
2444	0	dBA
2417	0	dBA
2249	0	dBA
2169	0	dBA
2100	0	dBA
2032	0	dBA
1972	15	dBA
588	26	dBA
304	26	dBA
447	23	dBA
1317	19	dBA
1190	20	dBA
1059	21	dBA
941	22	dBA
743	18	dBA
2508	0	dBA
2539	0	dBA
2592	0	dBA
2649	0	dBA
2706	0	dBA
2747	0	dBA
2800	0	dBA
934	22	dBA
852	23	dBA
773	18	dBA
706	19	dBA
678	19	dBA
651	20	dBA
1235	20	dBA
1150	20	dBA
1085	21	dBA
1008	22	dBA
942	22	dBA
887	17	dBA
865	17	dBA
844	17	dBA
1364	19	dBA
1276	19	dBA
1193	20	dBA
1128	20	dBA

Point of Reception 29		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
3076	0	dBA
3072	0	dBA
3073	0	dBA
2846	0	dBA
2568	0	dBA
2494	0	dBA
2442	0	dBA
2406	0	dBA
2376	0	dBA
2357	0	dBA
2128	0	dBA
2053	0	dBA
1990	10	dBA
1930	10	dBA
1878	16	dBA
430	29	dBA
147	32	dBA
306	26	dBA
1195	20	dBA
1075	21	dBA
951	22	dBA
844	23	dBA
740	18	dBA
2518	0	dBA
2555	0	dBA
2617	0	dBA
2656	0	dBA
2724	0	dBA
2772	0	dBA
2832	0	dBA
1027	21	dBA
933	22	dBA
839	17	dBA
750	18	dBA
706	19	dBA
653	19	dBA
1329	19	dBA
1236	20	dBA
1162	20	dBA
1072	21	dBA
991	22	dBA
916	17	dBA
880	17	dBA
838	17	dBA
1444	18	dBA
1346	19	dBA
1249	20	dBA
1169	20	dBA

Point of Reception 30		
Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
2684	0	dBA
2654	0	dBA
2634	0	dBA
2354	0	dBA
2099	0	dBA
2055	0	dBA
2040	0	dBA
2039	0	dBA
2049	0	dBA
2068	0	dBA
1568	17	dBA
1521	18	dBA
1488	12	dBA
1465	12	dBA
1455	18	dBA
263	33	dBA
546	21	dBA
409	23	dBA
978	18	dBA
923	19	dBA
885	19	dBA
871	19	dBA
1147	10	dBA
2525	0	dBA
2589	0	dBA
2686	0	dBA
2648	0	dBA
2761	0	dBA
2833	0	dBA
2921	0	dBA
1468	18	dBA
1352	19	dBA
1226	14	dBA
1091	15	dBA
1016	16	dBA
902	17	dBA
1744	16	dBA
1630	17	dBA
1536	18	dBA
1414	18	dBA
1293	19	dBA
1166	14	dBA
1095	15	dBA
991	16	dBA
1801	16	dBA
1673	17	dBA
1539	18	dBA
1415	18	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR26</b>				Point of Reception ID <b>POR27</b>				Point of Reception ID <b>POR28</b>				Point of Reception ID <b>POR29</b>				Point of Reception ID <b>POR30</b>			
Point of Reception Description House 26				Point of Reception Description House 27				Point of Reception Description House 28				Point of Reception Description House 29				Point of Reception Description House 30			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
367424	4907955	136.5		367640	4907903	134.5		367636	4907974	135.4		367669	4908129	135.5		367948	4908749	138.4	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>			
P14A_U19	MVPP P14A_U19	1277	14	dBA	1055	15	dBA	1076	15	dBA	1100	15	dBA	1295	14	dBA			
P14A_U20	MVPP P14A_U20	1247	14	dBA	1027	16	dBA	1039	15	dBA	1041	15	dBA	1170	14	dBA			
P14A_U21	MVPP P14A_U21	1236	14	dBA	1021	16	dBA	1024	16	dBA	1007	16	dBA	1068	15	dBA			
P14B_U1	MVPP P14B_U1	859	23	dBA	660	25	dBA	714	25	dBA	817	23	dBA	1315	19	dBA			
P14B_U2	MVPP P14B_U2	790	24	dBA	580	26	dBA	627	26	dBA	717	25	dBA	1196	20	dBA			
P14B_U3	MVPP P14B_U3	729	19	dBA	510	22	dBA	546	21	dBA	617	20	dBA	1067	15	dBA			
P14B_U4	MVPP P14B_U4	701	19	dBA	479	22	dBA	507	22	dBA	561	21	dBA	988	16	dBA			
P14B_U5	MVPP P14B_U5	674	19	dBA	456	23	dBA	466	22	dBA	485	22	dBA	861	17	dBA			
P14B_U6	MVPP P14B_U6	583	20	dBA	377	24	dBA	429	23	dBA	538	21	dBA	1095	15	dBA			
P14B_U7	MVPP P14B_U7	523	21	dBA	302	26	dBA	340	25	dBA	425	23	dBA	965	16	dBA			
P14B_U8	MVPP P14B_U8	488	22	dBA	276	27	dBA	277	27	dBA	301	26	dBA	798	18	dBA			
P14C_U1	MVPP P14C_U1	710	25	dBA	623	26	dBA	694	25	dBA	849	23	dBA	1500	18	dBA			
P14C_U2	MVPP P14C_U2	596	26	dBA	503	28	dBA	574	27	dBA	730	24	dBA	1384	19	dBA			
P14C_U3	MVPP P14C_U3	501	28	dBA	402	30	dBA	473	28	dBA	629	26	dBA	1286	19	dBA			
P14C_U4	MVPP P14C_U4	603	26	dBA	455	29	dBA	524	27	dBA	668	25	dBA	1289	19	dBA			
P19_20_U1	MVPP P19/20_U1	2028	0	dBA	2148	0	dBA	2192	0	dBA	2323	0	dBA	2968	0	dBA			
P19_U1	MVPP P19_U1	1953	10	dBA	2084	0	dBA	2125	0	dBA	2251	0	dBA	2887	0	dBA			
P19_U2	MVPP P19_U2	1920	10	dBA	2060	0	dBA	2098	0	dBA	2219	0	dBA	2845	0	dBA			
P19_U3	MVPP P19_U3	1890	10	dBA	2040	0	dBA	2074	0	dBA	2190	0	dBA	2803	0	dBA			
P19_U4	MVPP P19_U4	2124	0	dBA	2263	0	dBA	2301	0	dBA	2423	0	dBA	3047	0	dBA			
P19_U5	MVPP P19_U5	2093	0	dBA	2242	0	dBA	2277	0	dBA	2393	0	dBA	3006	0	dBA			
P20_U1	MVPP P20_U1	2259	0	dBA	2418	0	dBA	2450	0	dBA	2559	0	dBA	3152	0	dBA			
P21_U1	MVPP P21_U1	3523	0	dBA	3634	0	dBA	3682	0	dBA	3816	0	dBA	4466	0	dBA			
P21_U2	MVPP P21_U2	3462	0	dBA	3580	0	dBA	3626	0	dBA	3757	0	dBA	4400	0	dBA			
P21_U3	MVPP P21_U3	3415	0	dBA	3540	0	dBA	3584	0	dBA	3712	0	dBA	4348	0	dBA			
P21_U4	MVPP P21_U4	3329	0	dBA	3465	0	dBA	3505	0	dBA	3628	0	dBA	4251	0	dBA			
P21_U5	MVPP P21_U5	3301	0	dBA	3442	0	dBA	3480	0	dBA	3601	0	dBA	4217	0	dBA			
P21_U6	MVPP P21_U6	3274	0	dBA	3420	0	dBA	3457	0	dBA	3574	0	dBA	4182	0	dBA			
P21_U7	MVPP P21_U7	3250	0	dBA	3401	0	dBA	3436	0	dBA	3550	0	dBA	4150	0	dBA			
P21_U8	MVPP P21_U8	3230	0	dBA	3386	0	dBA	3419	0	dBA	3529	0	dBA	4120	0	dBA			
P21_U9	MVPP P21_U9	3208	0	dBA	3371	0	dBA	3401	0	dBA	3507	0	dBA	4085	0	dBA			
P22_U1	MVPP P22_U1	3649	0	dBA	3765	0	dBA	3811	0	dBA	3944	0	dBA	4588	0	dBA			
P22_U2	MVPP P22_U2	3588	0	dBA	3712	0	dBA	3756	0	dBA	3885	0	dBA	4521	0	dBA			
P22_U3	MVPP P22_U3	3532	0	dBA	3665	0	dBA	3706	0	dBA	3830	0	dBA	4455	0	dBA			
P22_U4	MVPP P22_U4	3480	0	dBA	3622	0	dBA	3660	0	dBA	3779	0	dBA	4392	0	dBA			
P22_U5	MVPP P22_U5	3444	0	dBA	3593	0	dBA	3628	0	dBA	3743	0	dBA	4345	0	dBA			
P22_U6	MVPP P22_U6	3477	0	dBA	3636	0	dBA	3668	0	dBA	3776	0	dBA	4360	0	dBA			
P23_U1	MVPP P23_U1	3836	0	dBA	3957	0	dBA	4001	0	dBA	4132	0	dBA	4771	0	dBA			
P23_U2	MVPP P23_U2	3786	0	dBA	3913	0	dBA	3956	0	dBA	4083	0	dBA	4715	0	dBA			
P23_U3	MVPP P23_U3	3742	0	dBA	3875	0	dBA	3916	0	dBA	4040	0	dBA	4664	0	dBA			
P23_U4	MVPP P23_U4	3702	0	dBA	3842	0	dBA	3880	0	dBA	4001	0	dBA	4616	0	dBA			
P23_U5	MVPP P23_U5	3661	0	dBA	3808	0	dBA	3845	0	dBA	3961	0	dBA	4565	0	dBA			
P23_U6	MVPP P23_U6	3632	0	dBA	3785	0	dBA	3819	0	dBA	3931	0	dBA	4525	0	dBA			
P23_U7	MVPP P23_U7	3606	0	dBA	3765	0	dBA	3797	0	dBA	3905	0	dBA	4488	0	dBA			
P24_U1	MVPP P24_U1	3767	0	dBA	3864	0	dBA	3915	0	dBA	4055	0	dBA	4716	0	dBA			
P24_U2	MVPP P24_U2	3646	0	dBA	3746	0	dBA	3796	0	dBA	3935	0	dBA	4593	0	dBA			
P24_U3	MVPP P24_U3	3601	0	dBA	3689	0	dBA	3742	0	dBA	3885	0	dBA	4552	0	dBA			
TS	Transformer Station	2192	0	dBA	2016	0	dBA	1990	24	dBA	1901	25	dBA	1502	28	dBA			
H1T	Hut 1 Transformer	2878	0	dBA	2678	0	dBA	2727	0	dBA	2808	0	dBA	3105	0	dBA			
H1I1	Hut 1 Inverter 1	2880	0	dBA	2680	0	dBA	2729	0	dBA	2811	0	dBA	3108	0	dBA			
H1I2	Hut 1 Inverter 2	2882	0	dBA	2682	0	dBA	2731	0	dBA	2812	0	dBA	3109	0	dBA			
H2T	Hut 2 Transformer	2738	0	dBA	2542	0	dBA	2593	0	dBA	2680	0	dBA	3007	0	dBA			
H2I1	Hut 2 Inverter 1	2740	0	dBA	2544	0	dBA	2595	0	dBA	2683	0	dBA	3010	0	dBA			
H2I2	Hut 2 Inverter 2	2742	0	dBA	2546	0	dBA	2597	0	dBA	2685	0	dBA	3011	0	dBA			
H3T	Hut 3 Transformer	2602	0	dBA	2411	0	dBA	2465	0	dBA	2559	0	dBA	2917	0	dBA			
H3I1	Hut 3 Inverter 1	2604	0	dBA	2414	0	dBA	2468	0	dBA	2562	0	dBA	2920	0	dBA			
H3I2	Hut 3 Inverter 2	2606	0	dBA	2415	0	dBA	2469	0	dBA	2564	0	dBA	2921	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR26</b>			Point of Reception ID <b>POR27</b>			Point of Reception ID <b>POR28</b>			Point of Reception ID <b>POR29</b>			Point of Reception ID <b>POR30</b>		
Point of Reception Description House 26			Point of Reception Description House 27			Point of Reception Description House 28			Point of Reception Description House 29			Point of Reception Description House 30		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
367424	4907955	136.5	367640	4907903	134.5	367636	4907974	135.4	367669	4908129	135.5	367948	4908749	138.4

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 26		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2421	0	dBA
2423	0	dBA
2425	0	dBA
2810	0	dBA
2811	0	dBA
2813	0	dBA
2803	0	dBA
2804	0	dBA
2807	0	dBA
2678	0	dBA
2679	0	dBA
2681	0	dBA
2553	0	dBA
2555	0	dBA
2557	0	dBA
2506	0	dBA
2508	0	dBA
2510	0	dBA
2730	0	dBA
2731	0	dBA
2733	0	dBA
2966	0	dBA
4631	0	dBA
4814	0	dBA
4775	0	dBA
4936	0	dBA
4899	0	dBA
5058	0	dBA
5023	0	dBA
5182	0	dBA
5149	0	dBA
5306	0	dBA
5276	0	dBA

Point of Reception 27		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2215	0	dBA
2217	0	dBA
2219	0	dBA
2597	0	dBA
2598	0	dBA
2600	0	dBA
2595	0	dBA
2596	0	dBA
2598	0	dBA
2467	0	dBA
2468	0	dBA
2470	0	dBA
2344	0	dBA
2346	0	dBA
2348	0	dBA
2307	0	dBA
2309	0	dBA
2311	0	dBA
2526	0	dBA
2528	0	dBA
2530	0	dBA
2768	0	dBA
4622	0	dBA
4808	0	dBA
4762	0	dBA
4927	0	dBA
4883	0	dBA
5045	0	dBA
5004	0	dBA
5165	0	dBA
5126	0	dBA
5286	0	dBA
5250	0	dBA

Point of Reception 28		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2261	0	dBA
2263	0	dBA
2265	0	dBA
2637	0	dBA
2638	0	dBA
2640	0	dBA
2639	0	dBA
2641	0	dBA
2643	0	dBA
2508	0	dBA
2510	0	dBA
2512	0	dBA
2388	0	dBA
2390	0	dBA
2392	0	dBA
2357	0	dBA
2359	0	dBA
2361	0	dBA
2574	0	dBA
2576	0	dBA
2578	0	dBA
2819	0	dBA
4690	0	dBA
4876	0	dBA
4831	0	dBA
4995	0	dBA
4952	0	dBA
5114	0	dBA
5073	0	dBA
5234	0	dBA
5196	0	dBA
5355	0	dBA
5320	0	dBA

Point of Reception 29		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2335	0	dBA
2337	0	dBA
2339	0	dBA
2695	0	dBA
2697	0	dBA
2699	0	dBA
2708	0	dBA
2710	0	dBA
2712	0	dBA
2572	0	dBA
2574	0	dBA
2575	0	dBA
2456	0	dBA
2458	0	dBA
2460	0	dBA
2440	0	dBA
2443	0	dBA
2445	0	dBA
2651	0	dBA
2653	0	dBA
2655	0	dBA
2904	0	dBA
4848	0	dBA
5034	0	dBA
4989	0	dBA
5153	0	dBA
5110	0	dBA
5272	0	dBA
5231	0	dBA
5392	0	dBA
5354	0	dBA
5514	0	dBA
5478	0	dBA

Point of Reception 30		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2618	0	dBA
2621	0	dBA
2623	0	dBA
2900	0	dBA
2903	0	dBA
2904	0	dBA
2956	0	dBA
2959	0	dBA
2960	0	dBA
2801	0	dBA
2804	0	dBA
2805	0	dBA
2710	0	dBA
2713	0	dBA
2715	0	dBA
2759	0	dBA
2763	0	dBA
2764	0	dBA
2936	0	dBA
2939	0	dBA
2940	0	dBA
3213	0	dBA
5516	0	dBA
5703	0	dBA
5655	0	dBA
5820	0	dBA
5773	0	dBA
5937	0	dBA
5892	0	dBA
6055	0	dBA
6012	0	dBA
6174	0	dBA
6134	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR31	POR32	POR33	POR34	POR35										
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description										
House 31	House 32	House 33	House 34	House 35										
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z			
368275	4908124	136.5	368313	4908138	136.5	366841	4908115	135.8	368477	4908346	137.5	368826	4908612	138.5

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/U1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 31		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2501	0	dBA
2507	0	dBA
2518	0	dBA
2325	0	dBA
2038	0	dBA
1948	12	dBA
1879	10	dBA
1830	10	dBA
1789	6	dBA
1761	6	dBA
1686	17	dBA
1587	17	dBA
1502	12	dBA
1418	13	dBA
1342	19	dBA
646	26	dBA
617	20	dBA
448	23	dBA
1596	17	dBA
1505	18	dBA
1416	18	dBA
1343	19	dBA
1345	13	dBA
1944	12	dBA
1991	15	dBA
2068	0	dBA
2079	0	dBA
2163	0	dBA
2221	0	dBA
2294	0	dBA
799	24	dBA
679	25	dBA
550	21	dBA
411	23	dBA
332	25	dBA
212	29	dBA
1053	21	dBA
936	22	dBA
839	23	dBA
713	25	dBA
590	26	dBA
461	22	dBA
390	24	dBA
293	26	dBA
1098	21	dBA
968	22	dBA
833	23	dBA
712	25	dBA

Point of Reception 32		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2460	0	dBA
2467	0	dBA
2478	0	dBA
2285	0	dBA
1998	10	dBA
1908	12	dBA
1839	10	dBA
1790	11	dBA
1748	6	dBA
1721	7	dBA
1651	17	dBA
1551	18	dBA
1464	12	dBA
1379	13	dBA
1302	19	dBA
667	25	dBA
651	20	dBA
475	22	dBA
1615	17	dBA
1527	18	dBA
1441	18	dBA
1371	19	dBA
1382	13	dBA
1915	12	dBA
1964	15	dBA
2042	0	dBA
2049	0	dBA
2135	0	dBA
2195	0	dBA
2269	0	dBA
813	23	dBA
693	25	dBA
564	21	dBA
425	23	dBA
347	25	dBA
229	28	dBA
1060	21	dBA
942	22	dBA
844	23	dBA
717	25	dBA
591	26	dBA
458	23	dBA
385	24	dBA
280	27	dBA
1098	21	dBA
966	22	dBA
829	23	dBA
704	25	dBA

Point of Reception 33		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3880	0	dBA
3868	0	dBA
3861	0	dBA
3607	5	dBA
3340	7	dBA
3279	14	dBA
3239	8	dBA
3214	9	dBA
3192	9	dBA
3179	9	dBA
2840	15	dBA
2786	16	dBA
2741	10	dBA
2699	11	dBA
2663	18	dBA
1035	21	dBA
851	15	dBA
1069	17	dBA
1065	15	dBA
930	16	dBA
788	16	dBA
659	16	dBA
135	10	dBA
3314	14	dBA
3343	18	dBA
3391	17	dBA
3455	13	dBA
3509	17	dBA
3546	11	dBA
3594	10	dBA
1666	22	dBA
1609	23	dBA
1554	19	dBA
1506	20	dBA
1484	21	dBA
1457	21	dBA
1952	21	dBA
1888	22	dBA
1840	23	dBA
1783	25	dBA
1735	26	dBA
1692	22	dBA
1672	23	dBA
1649	25	dBA
2105	21	dBA
2038	23	dBA
1974	24	dBA
1923	26	dBA

Point of Reception 34		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2239	0	dBA
2237	0	dBA
2243	0	dBA
2035	0	dBA
1750	11	dBA
1667	13	dBA
1607	12	dBA
1569	12	dBA
1541	8	dBA
1528	8	dBA
1386	19	dBA
1288	19	dBA
1204	14	dBA
1123	15	dBA
1054	21	dBA
721	25	dBA
803	18	dBA
592	20	dBA
1633	17	dBA
1564	17	dBA
1500	18	dBA
1452	18	dBA
1549	12	dBA
1863	12	dBA
1925	12	dBA
2021	0	dBA
1988	11	dBA
2097	0	dBA
2168	0	dBA
2256	0	dBA
1034	21	dBA
917	22	dBA
792	18	dBA
658	19	dBA
584	20	dBA
475	22	dBA
1250	20	dBA
1130	20	dBA
1031	21	dBA
901	23	dBA
771	24	dBA
632	20	dBA
553	21	dBA
434	23	dBA
1257	19	dBA
1119	21	dBA
972	22	dBA
835	23	dBA

Point of Reception 35		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1835	12	dBA
1822	6	dBA
1820	6	dBA
1598	7	dBA
1316	13	dBA
1240	20	dBA
1193	10	dBA
1172	14	dBA
1167	14	dBA
1180	10	dBA
962	22	dBA
855	23	dBA
766	18	dBA
684	19	dBA
623	26	dBA
1045	21	dBA
1197	14	dBA
978	16	dBA
1849	16	dBA
1807	16	dBA
1774	16	dBA
1753	16	dBA
1934	10	dBA
1749	13	dBA
1830	12	dBA
1952	12	dBA
1855	12	dBA
1996	11	dBA
2086	0	dBA
2194	0	dBA
1386	19	dBA
1279	19	dBA
1164	14	dBA
1045	15	dBA
980	16	dBA
886	17	dBA
1549	18	dBA
1433	18	dBA
1338	19	dBA
1214	20	dBA
1091	21	dBA
962	16	dBA
889	17	dBA
782	18	dBA
1511	18	dBA
1373	19	dBA
1226	20	dBA
1089	21	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR31</b>				Point of Reception ID <b>POR32</b>				Point of Reception ID <b>POR33</b>				Point of Reception ID <b>POR34</b>				Point of Reception ID <b>POR35</b>			
Point of Reception Description House 31				Point of Reception Description House 32				Point of Reception Description House 33				Point of Reception Description House 34				Point of Reception Description House 35			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
368275	4908124	136.5		368313	4908138	136.5		366841	4908115	135.8		368477	4908346	137.5		368826	4908612	138.5	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>			
P14A_U19	MVPP P14A_U19	599	20	dBA	586	20	dBA	1881	23	dBA	699	19	dBA	951	16	dBA			
P14A_U20	MVPP P14A_U20	491	22	dBA	472	22	dBA	1846	26	dBA	555	21	dBA	805	18	dBA			
P14A_U21	MVPP P14A_U21	421	23	dBA	394	24	dBA	1826	30	dBA	434	23	dBA	680	19	dBA			
P14B_U1	MVPP P14B_U1	698	25	dBA	721	25	dBA	1440	22	dBA	971	22	dBA	1367	19	dBA			
P14B_U2	MVPP P14B_U2	584	26	dBA	609	26	dBA	1384	23	dBA	863	23	dBA	1269	19	dBA			
P14B_U3	MVPP P14B_U3	463	22	dBA	491	22	dBA	1332	18	dBA	751	18	dBA	1168	14	dBA			
P14B_U4	MVPP P14B_U4	392	24	dBA	423	23	dBA	1306	18	dBA	685	19	dBA	1109	15	dBA			
P14B_U5	MVPP P14B_U5	286	26	dBA	321	25	dBA	1273	19	dBA	585	20	dBA	1019	16	dBA			
P14B_U6	MVPP P14B_U6	587	20	dBA	621	20	dBA	1176	16	dBA	885	17	dBA	1316	13	dBA			
P14B_U7	MVPP P14B_U7	493	22	dBA	530	21	dBA	1127	17	dBA	792	18	dBA	1229	14	dBA			
P14B_U8	MVPP P14B_U8	402	24	dBA	442	23	dBA	1083	17	dBA	689	19	dBA	1128	15	dBA			
P14C_U1	MVPP P14C_U1	1053	21	dBA	1088	21	dBA	1159	19	dBA	1352	19	dBA	1780	16	dBA			
P14C_U2	MVPP P14C_U2	963	22	dBA	999	22	dBA	1073	19	dBA	1262	19	dBA	1696	17	dBA			
P14C_U3	MVPP P14C_U3	892	23	dBA	930	22	dBA	1005	19	dBA	1192	20	dBA	1628	17	dBA			
P14C_U4	MVPP P14C_U4	818	23	dBA	852	23	dBA	1141	20	dBA	1117	21	dBA	1546	18	dBA			
P19_20_U1	MVPP P19/20_U1	2784	0	dBA	2823	0	dBA	1818	0	dBA	3078	0	dBA	3517	0	dBA			
P19_U1	MVPP P19_U1	2729	0	dBA	2768	0	dBA	1716	0	dBA	3020	0	dBA	3459	0	dBA			
P19_U2	MVPP P19_U2	2713	0	dBA	2753	0	dBA	1653	0	dBA	3001	0	dBA	3439	0	dBA			
P19_U3	MVPP P19_U3	2700	0	dBA	2740	0	dBA	1590	0	dBA	2985	0	dBA	3421	0	dBA			
P19_U4	MVPP P19_U4	2914	0	dBA	2954	0	dBA	1848	0	dBA	3204	0	dBA	3642	0	dBA			
P19_U5	MVPP P19_U5	2900	0	dBA	2940	0	dBA	1788	0	dBA	3186	0	dBA	3623	0	dBA			
P20_U1	MVPP P20_U1	3083	0	dBA	3124	0	dBA	1908	0	dBA	3365	0	dBA	3800	0	dBA			
P21_U1	MVPP P21_U1	4249	0	dBA	4287	0	dBA	3298	0	dBA	4547	0	dBA	4985	0	dBA			
P21_U2	MVPP P21_U2	4205	0	dBA	4244	0	dBA	3215	0	dBA	4502	0	dBA	4941	0	dBA			
P21_U3	MVPP P21_U3	4172	0	dBA	4211	0	dBA	3149	0	dBA	4468	0	dBA	4907	0	dBA			
P21_U4	MVPP P21_U4	4109	0	dBA	4148	0	dBA	3030	0	dBA	4401	0	dBA	4840	0	dBA			
P21_U5	MVPP P21_U5	4090	0	dBA	4130	0	dBA	2987	0	dBA	4381	0	dBA	4820	0	dBA			
P21_U6	MVPP P21_U6	4073	0	dBA	4113	0	dBA	2943	0	dBA	4362	0	dBA	4800	0	dBA			
P21_U7	MVPP P21_U7	4059	0	dBA	4099	0	dBA	2903	0	dBA	4346	0	dBA	4783	0	dBA			
P21_U8	MVPP P21_U8	4047	0	dBA	4087	0	dBA	2866	0	dBA	4332	0	dBA	4767	0	dBA			
P21_U9	MVPP P21_U9	4036	0	dBA	4077	0	dBA	2823	0	dBA	4317	0	dBA	4751	0	dBA			
P22_U1	MVPP P22_U1	4387	0	dBA	4425	0	dBA	3405	0	dBA	4684	0	dBA	5122	0	dBA			
P22_U2	MVPP P22_U2	4343	0	dBA	4381	0	dBA	3321	0	dBA	4638	0	dBA	5078	0	dBA			
P22_U3	MVPP P22_U3	4307	0	dBA	4346	0	dBA	3236	0	dBA	4600	0	dBA	5039	0	dBA			
P22_U4	MVPP P22_U4	4272	0	dBA	4311	0	dBA	3157	0	dBA	4562	0	dBA	5001	0	dBA			
P22_U5	MVPP P22_U5	4249	0	dBA	4289	0	dBA	3099	0	dBA	4536	0	dBA	4974	0	dBA			
P22_U6	MVPP P22_U6	4299	0	dBA	4339	0	dBA	3100	0	dBA	4582	0	dBA	5017	0	dBA			
P23_U1	MVPP P23_U1	4584	0	dBA	4622	0	dBA	3573	0	dBA	4880	0	dBA	5319	0	dBA			
P23_U2	MVPP P23_U2	4548	0	dBA	4587	0	dBA	3505	0	dBA	4843	0	dBA	5282	0	dBA			
P23_U3	MVPP P23_U3	4517	0	dBA	4556	0	dBA	3442	0	dBA	4810	0	dBA	5249	0	dBA			
P23_U4	MVPP P23_U4	4489	0	dBA	4529	0	dBA	3383	0	dBA	4780	0	dBA	5219	0	dBA			
P23_U5	MVPP P23_U5	4462	0	dBA	4502	0	dBA	3320	0	dBA	4751	0	dBA	5189	0	dBA			
P23_U6	MVPP P23_U6	4444	0	dBA	4484	0	dBA	3271	0	dBA	4730	0	dBA	5167	0	dBA			
P23_U7	MVPP P23_U7	4428	0	dBA	4468	0	dBA	3227	0	dBA	4711	0	dBA	5147	0	dBA			
P24_U1	MVPP P24_U1	4458	0	dBA	4495	0	dBA	3581	0	dBA	4758	0	dBA	5193	0	dBA			
P24_U2	MVPP P24_U2	4346	0	dBA	4383	0	dBA	3450	0	dBA	4645	0	dBA	5082	0	dBA			
P24_U3	MVPP P24_U3	4272	0	dBA	4309	0	dBA	3443	0	dBA	4572	0	dBA	5006	0	dBA			
TS	Transformer Station	1351	29	dBA	1311	29	dBA	2695	33	dBA	1070	32	dBA	649	37	dBA			
H1T	Hut 1 Transformer	2405	0	dBA	2395	0	dBA	3444	0	dBA	2483	0	dBA	2583	0	dBA			
H1I1	Hut 1 Inverter 1	2408	0	dBA	2398	0	dBA	3445	0	dBA	2487	0	dBA	2587	0	dBA			
H1I2	Hut 1 Inverter 2	2409	0	dBA	2399	0	dBA	3447	0	dBA	2488	0	dBA	2587	0	dBA			
H2T	Hut 2 Transformer	2303	0	dBA	2295	0	dBA	3295	0	dBA	2400	0	dBA	2528	0	dBA			
H2I1	Hut 2 Inverter 1	2306	0	dBA	2299	0	dBA	3297	0	dBA	2404	0	dBA	2532	0	dBA			
H2I2	Hut 2 Inverter 2	2307	0	dBA	2300	0	dBA	3299	0	dBA	2405	0	dBA	2533	0	dBA			
H3T	Hut 3 Transformer	2211	0	dBA	2206	0	dBA	3150	0	dBA	2328	0	dBA	2485	0	dBA			
H3I1	Hut 3 Inverter 1	2215	0	dBA	2210	0	dBA	3152	0	dBA	2332	0	dBA	2489	0	dBA			
H3I2	Hut 3 Inverter 2	2216	0	dBA	2211	0	dBA	3154	0	dBA	2333	0	dBA	2490	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR31	POR32	POR33	POR34	POR35
Point of Reception Description House 31	Point of Reception Description House 32	Point of Reception Description House 33	Point of Reception Description House 34	Point of Reception Description House 35
X Y Z	X Y Z	X Y Z	X Y Z	X Y Z
368275 4908124 136.5	368313 4908138 136.5	366841 4908115 135.8	368477 4908346 137.5	368826 4908612 138.5

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 31		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1919	-7	dBA
1922	4	dBA
1923	4	dBA
2222	0	dBA
2224	0	dBA
2226	0	dBA
2266	0	dBA
2268	0	dBA
2270	0	dBA
2115	0	dBA
2117	0	dBA
2119	0	dBA
2017	0	dBA
2020	0	dBA
2022	0	dBA
2056	0	dBA
2059	0	dBA
2060	0	dBA
2237	0	dBA
2240	0	dBA
2242	0	dBA
2512	0	dBA
5008	0	dBA
5201	0	dBA
5140	0	dBA
5309	0	dBA
5250	0	dBA
5419	0	dBA
5362	0	dBA
5529	0	dBA
5475	0	dBA
5642	0	dBA
5590	0	dBA

Point of Reception 32		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1908	-7	dBA
1912	4	dBA
1913	4	dBA
2205	0	dBA
2208	0	dBA
2209	0	dBA
2252	0	dBA
2255	0	dBA
2256	0	dBA
2100	0	dBA
2103	0	dBA
2104	0	dBA
2004	0	dBA
2007	0	dBA
2009	0	dBA
2048	0	dBA
2051	0	dBA
2053	0	dBA
2226	0	dBA
2229	0	dBA
2231	0	dBA
2503	0	dBA
5035	0	dBA
5227	0	dBA
5165	0	dBA
5335	0	dBA
5276	0	dBA
5444	0	dBA
5386	0	dBA
5554	0	dBA
5499	0	dBA
5666	0	dBA
5614	0	dBA

Point of Reception 33		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2998	-6	dBA
3000	6	dBA
3002	6	dBA
3400	-7	dBA
3401	4	dBA
3403	4	dBA
3383	-8	dBA
3385	3	dBA
3387	3	dBA
3264	-7	dBA
3265	4	dBA
3268	4	dBA
3136	-6	dBA
3137	5	dBA
3139	5	dBA
3071	-7	dBA
3072	4	dBA
3075	4	dBA
3301	-8	dBA
3303	3	dBA
3305	3	dBA
3525	0	dBA
4728	0	dBA
4899	0	dBA
4879	0	dBA
5031	0	dBA
5011	0	dBA
5161	0	dBA
5143	0	dBA
5292	0	dBA
5276	0	dBA
5424	0	dBA
5411	0	dBA

Point of Reception 34		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1999	-8	dBA
2002	0	dBA
2003	0	dBA
2251	0	dBA
2254	0	dBA
2255	0	dBA
2318	0	dBA
2322	0	dBA
2323	0	dBA
2159	0	dBA
2162	0	dBA
2164	0	dBA
2078	0	dBA
2081	0	dBA
2083	0	dBA
2153	0	dBA
2157	0	dBA
2158	0	dBA
2312	0	dBA
2315	0	dBA
2316	0	dBA
2596	0	dBA
5285	0	dBA
5479	0	dBA
5415	0	dBA
5585	0	dBA
5523	0	dBA
5693	0	dBA
5633	0	dBA
5801	0	dBA
5744	0	dBA
5911	0	dBA
5857	0	dBA

Point of Reception 35		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2114	0	dBA
2118	0	dBA
2119	0	dBA
2285	0	dBA
2289	0	dBA
2290	0	dBA
2385	0	dBA
2389	0	dBA
2390	0	dBA
2219	0	dBA
2223	0	dBA
2224	0	dBA
2164	0	dBA
2168	0	dBA
2169	0	dBA
2289	0	dBA
2293	0	dBA
2294	0	dBA
2409	0	dBA
2413	0	dBA
2414	0	dBA
2701	0	dBA
5662	0	dBA
5857	0	dBA
5787	0	dBA
5959	0	dBA
5892	0	dBA
6062	0	dBA
5997	0	dBA
6167	0	dBA
6104	0	dBA
6273	0	dBA
6213	0	dBA



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR36	POR37	POR38	POR39	POR40
Point of Reception Description House 36	Point of Reception Description House 37	Point of Reception Description House 38	Point of Reception Description House 39	Point of Reception Description House 40
X Y Z	X Y Z	X Y Z	X Y Z	X Y Z
369362 4908338 136.5	369758 4908368 135.2	369924 4908274 132.2	370056 4908282 130.3	370552 4908625 131.1

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/U1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 36		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1418	18	dBA
1444	13	dBA
1475	12	dBA
1373	9	dBA
1084	15	dBA
957	22	dBA
844	17	dBA
761	18	dBA
692	19	dBA
653	19	dBA
1066	21	dBA
927	22	dBA
798	17	dBA
659	18	dBA
520	27	dBA
1592	14	dBA
1686	7	dBA
1477	8	dBA
2444	0	dBA
2395	0	dBA
2351	0	dBA
2319	0	dBA
2432	0	dBA
1189	20	dBA
1280	19	dBA
1416	18	dBA
1280	19	dBA
1438	18	dBA
1537	12	dBA
1656	11	dBA
1461	18	dBA
1384	19	dBA
1309	9	dBA
1238	10	dBA
1203	10	dBA
1159	14	dBA
1508	18	dBA
1414	18	dBA
1339	19	dBA
1246	20	dBA
1160	20	dBA
1077	11	dBA
1036	11	dBA
982	12	dBA
1403	18	dBA
1285	19	dBA
1164	20	dBA
1058	21	dBA

Point of Reception 37		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1064	21	dBA
1110	15	dBA
1161	14	dBA
1145	10	dBA
883	17	dBA
735	24	dBA
587	20	dBA
464	22	dBA
346	25	dBA
267	27	dBA
1106	21	dBA
973	22	dBA
853	17	dBA
727	19	dBA
607	23	dBA
1983	12	dBA
2083	0	dBA
1873	6	dBA
2812	0	dBA
2770	0	dBA
2733	0	dBA
2706	0	dBA
2829	0	dBA
1031	21	dBA
1137	20	dBA
1290	19	dBA
1084	21	dBA
1269	19	dBA
1382	13	dBA
1515	12	dBA
1785	16	dBA
1723	17	dBA
1662	7	dBA
1605	7	dBA
1578	7	dBA
1543	8	dBA
1785	16	dBA
1705	17	dBA
1642	17	dBA
1566	17	dBA
1497	18	dBA
1432	8	dBA
1401	8	dBA
1360	9	dBA
1653	17	dBA
1553	18	dBA
1453	18	dBA
1367	19	dBA

Point of Reception 38		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1000	22	dBA
1068	15	dBA
1135	15	dBA
1183	10	dBA
948	12	dBA
798	24	dBA
639	20	dBA
502	22	dBA
355	25	dBA
222	28	dBA
1258	16	dBA
1131	17	dBA
1016	11	dBA
897	17	dBA
784	20	dBA
2157	0	dBA
2247	0	dBA
2040	0	dBA
2997	0	dBA
2954	0	dBA
2914	0	dBA
2883	0	dBA
2991	0	dBA
900	23	dBA
1008	21	dBA
1166	20	dBA
934	22	dBA
1127	20	dBA
1244	14	dBA
1380	13	dBA
1873	12	dBA
1820	12	dBA
1769	6	dBA
1725	7	dBA
1704	7	dBA
1679	7	dBA
1843	16	dBA
1772	16	dBA
1718	17	dBA
1653	13	dBA
1596	14	dBA
1545	8	dBA
1520	8	dBA
1491	8	dBA
1699	17	dBA
1610	17	dBA
1523	18	dBA
1452	15	dBA

Point of Reception 39		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
906	22	dBA
985	16	dBA
1062	15	dBA
1150	10	dBA
939	12	dBA
792	20	dBA
633	20	dBA
494	22	dBA
346	25	dBA
209	29	dBA
1314	15	dBA
1193	16	dBA
1085	11	dBA
975	12	dBA
873	19	dBA
2288	0	dBA
2379	0	dBA
2172	0	dBA
3122	0	dBA
3080	0	dBA
3042	0	dBA
3013	0	dBA
3124	0	dBA
896	23	dBA
1005	22	dBA
1163	20	dBA
909	22	dBA
1107	21	dBA
1226	14	dBA
1364	13	dBA
1992	11	dBA
1942	12	dBA
1895	6	dBA
1853	6	dBA
1834	6	dBA
1810	6	dBA
1952	15	dBA
1885	16	dBA
1833	16	dBA
1773	13	dBA
1719	13	dBA
1671	7	dBA
1649	7	dBA
1621	7	dBA
1803	16	dBA
1719	17	dBA
1638	17	dBA
1571	14	dBA

Point of Reception 40		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
372	30	dBA
495	22	dBA
604	20	dBA
871	13	dBA
815	13	dBA
726	21	dBA
638	15	dBA
583	16	dBA
559	17	dBA
570	16	dBA
1414	15	dBA
1336	15	dBA
1273	9	dBA
1217	10	dBA
1176	17	dBA
2769	0	dBA
2896	0	dBA
2681	0	dBA
3532	0	dBA
3508	0	dBA
3489	0	dBA
3476	0	dBA
3641	0	dBA
1327	19	dBA
1428	18	dBA
1577	17	dBA
1281	19	dBA
1473	18	dBA
1589	12	dBA
1725	11	dBA
2592	0	dBA
2538	0	dBA
2486	0	dBA
2436	0	dBA
2411	0	dBA
2377	0	dBA
2554	0	dBA
2487	0	dBA
2435	0	dBA
2372	0	dBA
2314	0	dBA
2259	0	dBA
2231	0	dBA
2193	0	dBA
2402	0	dBA
2321	0	dBA
2240	0	dBA
2171	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR36</b>				Point of Reception ID <b>POR37</b>				Point of Reception ID <b>POR38</b>				Point of Reception ID <b>POR39</b>				Point of Reception ID <b>POR40</b>			
Point of Reception Description House 36				Point of Reception Description House 37				Point of Reception Description House 38				Point of Reception Description House 39				Point of Reception Description House 40			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
369362	4908338	136.5		369758	4908368	135.2		369924	4908274	132.2		370056	4908282	130.3		370552	4908625	131.1	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>			
P14A_U19	MVPP P14A_U19	959	16	dBA	1291	14	dBA	1390	9	dBA	1514	8	dBA	2108	0	dBA			
P14A_U20	MVPP P14A_U20	867	13	dBA	1222	10	dBA	1338	9	dBA	1466	8	dBA	2050	0	dBA			
P14A_U21	MVPP P14A_U21	801	13	dBA	1174	10	dBA	1304	9	dBA	1434	8	dBA	2007	0	dBA			
P14B_U1	MVPP P14B_U1	1533	14	dBA	1885	12	dBA	1989	11	dBA	2114	0	dBA	2707	0	dBA			
P14B_U2	MVPP P14B_U2	1472	14	dBA	1834	12	dBA	1947	12	dBA	2074	0	dBA	2662	0	dBA			
P14B_U3	MVPP P14B_U3	1413	8	dBA	1786	6	dBA	1909	6	dBA	2038	0	dBA	2618	0	dBA			
P14B_U4	MVPP P14B_U4	1382	9	dBA	1761	6	dBA	1890	6	dBA	2020	0	dBA	2594	0	dBA			
P14B_U5	MVPP P14B_U5	1339	13	dBA	1726	7	dBA	1865	6	dBA	1996	5	dBA	2560	0	dBA			
P14B_U6	MVPP P14B_U6	1593	7	dBA	1969	5	dBA	2094	0	dBA	2223	0	dBA	2801	0	dBA			
P14B_U7	MVPP P14B_U7	1546	12	dBA	1931	6	dBA	2065	0	dBA	2195	0	dBA	2764	0	dBA			
P14B_U8	MVPP P14B_U8	1501	8	dBA	1893	6	dBA	2037	0	dBA	2170	0	dBA	2724	0	dBA			
P14C_U1	MVPP P14C_U1	2017	0	dBA	2377	0	dBA	2486	0	dBA	2611	0	dBA	3202	0	dBA			
P14C_U2	MVPP P14C_U2	1960	15	dBA	2328	0	dBA	2444	0	dBA	2571	0	dBA	3158	0	dBA			
P14C_U3	MVPP P14C_U3	1918	12	dBA	2292	0	dBA	2415	0	dBA	2543	0	dBA	3124	0	dBA			
P14C_U4	MVPP P14C_U4	1802	12	dBA	2170	0	dBA	2287	0	dBA	2414	0	dBA	3000	0	dBA			
P19_20_U1	MVPP P19/20_U1	3818	0	dBA	4183	0	dBA	4291	0	dBA	4416	0	dBA	5009	0	dBA			
P19_U1	MVPP P19_U1	3777	0	dBA	4147	0	dBA	4260	0	dBA	4386	0	dBA	4975	0	dBA			
P19_U2	MVPP P19_U2	3773	0	dBA	4146	0	dBA	4263	0	dBA	4390	0	dBA	4977	0	dBA			
P19_U3	MVPP P19_U3	3771	0	dBA	4149	0	dBA	4270	0	dBA	4397	0	dBA	4981	0	dBA			
P19_U4	MVPP P19_U4	3970	0	dBA	4342	0	dBA	4457	0	dBA	4583	0	dBA	5172	0	dBA			
P19_U5	MVPP P19_U5	3967	0	dBA	4343	0	dBA	4462	0	dBA	4589	0	dBA	5174	0	dBA			
P20_U1	MVPP P20_U1	4161	0	dBA	4540	0	dBA	4663	0	dBA	4791	0	dBA	5373	0	dBA			
P21_U1	MVPP P21_U1	5238	0	dBA	5584	0	dBA	5674	0	dBA	5792	0	dBA	6393	0	dBA			
P21_U2	MVPP P21_U2	5209	0	dBA	5560	0	dBA	5655	0	dBA	5774	0	dBA	6374	0	dBA			
P21_U3	MVPP P21_U3	5189	0	dBA	5544	0	dBA	5643	0	dBA	5763	0	dBA	6362	0	dBA			
P21_U4	MVPP P21_U4	5144	0	dBA	5507	0	dBA	5611	0	dBA	5734	0	dBA	6330	0	dBA			
P21_U5	MVPP P21_U5	5134	0	dBA	5500	0	dBA	5607	0	dBA	5730	0	dBA	6325	0	dBA			
P21_U6	MVPP P21_U6	5125	0	dBA	5494	0	dBA	5604	0	dBA	5729	0	dBA	6321	0	dBA			
P21_U7	MVPP P21_U7	5119	0	dBA	5490	0	dBA	5604	0	dBA	5729	0	dBA	6319	0	dBA			
P21_U8	MVPP P21_U8	5115	0	dBA	5489	0	dBA	5605	0	dBA	5731	0	dBA	6319	0	dBA			
P21_U9	MVPP P21_U9	5112	0	dBA	5490	0	dBA	5610	0	dBA	5737	0	dBA	6322	0	dBA			
P22_U1	MVPP P22_U1	5384	0	dBA	5733	0	dBA	5825	0	dBA	5943	0	dBA	6544	0	dBA			
P22_U2	MVPP P22_U2	5356	0	dBA	5709	0	dBA	5806	0	dBA	5926	0	dBA	6525	0	dBA			
P22_U3	MVPP P22_U3	5337	0	dBA	5697	0	dBA	5799	0	dBA	5921	0	dBA	6518	0	dBA			
P22_U4	MVPP P22_U4	5317	0	dBA	5682	0	dBA	5790	0	dBA	5913	0	dBA	6507	0	dBA			
P22_U5	MVPP P22_U5	5305	0	dBA	5674	0	dBA	5786	0	dBA	5911	0	dBA	6502	0	dBA			
P22_U6	MVPP P22_U6	5368	0	dBA	5743	0	dBA	5860	0	dBA	5986	0	dBA	6574	0	dBA			
P23_U1	MVPP P23_U1	5588	0	dBA	5939	0	dBA	6033	0	dBA	6151	0	dBA	6752	0	dBA			
P23_U2	MVPP P23_U2	5565	0	dBA	5920	0	dBA	6017	0	dBA	6137	0	dBA	6736	0	dBA			
P23_U3	MVPP P23_U3	5546	0	dBA	5905	0	dBA	6006	0	dBA	6128	0	dBA	6725	0	dBA			
P23_U4	MVPP P23_U4	5529	0	dBA	5892	0	dBA	5997	0	dBA	6120	0	dBA	6715	0	dBA			
P23_U5	MVPP P23_U5	5514	0	dBA	5882	0	dBA	5991	0	dBA	6115	0	dBA	6708	0	dBA			
P23_U6	MVPP P23_U6	5505	0	dBA	5876	0	dBA	5989	0	dBA	6114	0	dBA	6705	0	dBA			
P23_U7	MVPP P23_U7	5498	0	dBA	5873	0	dBA	5989	0	dBA	6115	0	dBA	6703	0	dBA			
P24_U1	MVPP P24_U1	5414	0	dBA	5748	0	dBA	5828	0	dBA	5942	0	dBA	6545	0	dBA			
P24_U2	MVPP P24_U2	5312	0	dBA	5649	0	dBA	5733	0	dBA	5848	0	dBA	6450	0	dBA			
P24_U3	MVPP P24_U3	5213	0	dBA	5543	0	dBA	5620	0	dBA	5733	0	dBA	6336	0	dBA			
TS	Transformer Station	463	38	dBA	525	38	dBA	703	36	dBA	793	35	dBA	1115	31	dBA			
H1T	Hut 1 Transformer	2185	0	dBA	2192	0	dBA	2110	0	dBA	2136	0	dBA	2595	0	dBA			
H1I1	Hut 1 Inverter 1	2189	0	dBA	2196	0	dBA	2114	0	dBA	2141	0	dBA	2600	0	dBA			
H1I2	Hut 1 Inverter 2	2190	0	dBA	2196	0	dBA	2114	0	dBA	2141	0	dBA	2599	0	dBA			
H2T	Hut 2 Transformer	2165	0	dBA	2205	0	dBA	2137	0	dBA	2175	0	dBA	2661	0	dBA			
H2I1	Hut 2 Inverter 1	2170	0	dBA	2210	0	dBA	2142	0	dBA	2180	0	dBA	2666	0	dBA			
H2I2	Hut 2 Inverter 2	2170	0	dBA	2209	0	dBA	2142	0	dBA	2179	0	dBA	2665	0	dBA			
H3T	Hut 3 Transformer	2161	0	dBA	2233	0	dBA	2180	0	dBA	2228	0	dBA	2737	0	dBA			
H3I1	Hut 3 Inverter 1	2165	0	dBA	2238	0	dBA	2185	0	dBA	2233	0	dBA	2742	0	dBA			
H3I2	Hut 3 Inverter 2	2165	0	dBA	2237	0	dBA	2184	0	dBA	2232	0	dBA	2741	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR36	POR37	POR38	POR39	POR40
Point of Reception Description House 36	Point of Reception Description House 37	Point of Reception Description House 38	Point of Reception Description House 39	Point of Reception Description House 40
X Y Z	X Y Z	X Y Z	X Y Z	X Y Z
369362 4908338 136.5	369758 4908368 135.2	369924 4908274 132.2	370056 4908282 130.3	370552 4908625 131.1

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 36		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1756	-6	dBA
1761	5	dBA
1761	5	dBA
1829	-7	dBA
1833	4	dBA
1834	4	dBA
1959	-8	dBA
1964	3	dBA
1964	3	dBA
1792	-6	dBA
1796	5	dBA
1797	5	dBA
1768	-6	dBA
1773	5	dBA
1773	5	dBA
1946	-8	dBA
1950	4	dBA
1950	4	dBA
2016	0	dBA
2021	0	dBA
2021	0	dBA
2306	0	dBA
5648	0	dBA
5846	0	dBA
5763	0	dBA
5937	0	dBA
5856	0	dBA
6030	0	dBA
5951	0	dBA
6124	0	dBA
6048	0	dBA
6220	0	dBA
6147	0	dBA

Point of Reception 37		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1818	-7	dBA
1822	4	dBA
1822	4	dBA
1789	-6	dBA
1794	5	dBA
1794	5	dBA
1947	-8	dBA
1951	4	dBA
1951	4	dBA
1786	-6	dBA
1791	5	dBA
1791	5	dBA
1795	-7	dBA
1800	5	dBA
1799	5	dBA
2011	0	dBA
2016	0	dBA
2016	0	dBA
2034	0	dBA
2039	0	dBA
2039	0	dBA
2312	0	dBA
5876	0	dBA
6074	0	dBA
5984	0	dBA
6158	0	dBA
6071	0	dBA
6245	0	dBA
6159	0	dBA
6333	0	dBA
6250	0	dBA
6424	0	dBA
6343	0	dBA

Point of Reception 38		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1765	-6	dBA
1770	5	dBA
1769	5	dBA
1692	-6	dBA
1697	5	dBA
1697	5	dBA
1859	-7	dBA
1863	4	dBA
1863	4	dBA
1703	-6	dBA
1708	5	dBA
1708	5	dBA
1726	-6	dBA
1731	5	dBA
1731	5	dBA
1958	-8	dBA
1963	3	dBA
1962	3	dBA
1958	-8	dBA
1963	3	dBA
1963	3	dBA
2228	0	dBA
5887	0	dBA
6085	0	dBA
5991	0	dBA
6166	0	dBA
6075	0	dBA
6249	0	dBA
6159	0	dBA
6334	0	dBA
6247	0	dBA
6421	0	dBA
6336	0	dBA

Point of Reception 39		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1815	-7	dBA
1820	4	dBA
1819	4	dBA
1709	-6	dBA
1714	5	dBA
1713	5	dBA
1882	-7	dBA
1887	4	dBA
1887	4	dBA
1887	4	dBA
1732	-6	dBA
1737	5	dBA
1736	5	dBA
1766	-6	dBA
1771	5	dBA
1770	5	dBA
2006	0	dBA
2011	0	dBA
2010	0	dBA
1991	-8	dBA
1996	3	dBA
1995	3	dBA
2253	0	dBA
5969	0	dBA
6167	0	dBA
6071	0	dBA
6245	0	dBA
6152	0	dBA
6326	0	dBA
6235	0	dBA
6409	0	dBA
6320	0	dBA
6494	0	dBA
6408	0	dBA

Point of Reception 40		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2335	0	dBA
2340	0	dBA
2339	0	dBA
2151	0	dBA
2156	0	dBA
2155	0	dBA
2337	0	dBA
2342	0	dBA
2341	0	dBA
2204	0	dBA
2208	0	dBA
2207	0	dBA
2263	0	dBA
2267	0	dBA
2266	0	dBA
2520	0	dBA
2524	0	dBA
2523	0	dBA
2467	0	dBA
2472	0	dBA
2471	0	dBA
2704	0	dBA
6537	0	dBA
6734	0	dBA
6635	0	dBA
6809	0	dBA
6712	0	dBA
6886	0	dBA
6790	0	dBA
6965	0	dBA
6872	0	dBA
7046	0	dBA
6955	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR41	POR42	POR43	POR44	POR45										
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description										
House 41	House 42	House 43	House 44	House 45										
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z			
370697	4908843	133.1	370666	4909184	137.6	370488	4909382	139.8	370378	4909505	137.5	370413	4909228	140.5

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_U1	MVPP P7/9/10_U1
P7_9_U2	MVPP P7/9/10_U2
P7_9_U3	MVPP P7/9/10_U3
P7_9_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 41		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
165	37	dBA
301	26	dBA
417	23	dBA
762	14	dBA
798	13	dBA
754	21	dBA
719	19	dBA
714	19	dBA
738	18	dBA
785	18	dBA
1439	15	dBA
1384	15	dBA
1344	9	dBA
1314	9	dBA
1298	16	dBA
2929	0	dBA
3073	0	dBA
2856	0	dBA
3651	0	dBA
3636	0	dBA
3626	0	dBA
3622	0	dBA
3816	0	dBA
1584	17	dBA
1683	17	dBA
1830	16	dBA
1532	18	dBA
1720	17	dBA
1835	10	dBA
1969	10	dBA
2829	0	dBA
2772	0	dBA
2713	0	dBA
2656	0	dBA
2627	0	dBA
2586	0	dBA
2802	0	dBA
2733	0	dBA
2677	0	dBA
2610	0	dBA
2546	0	dBA
2484	0	dBA
2452	0	dBA
2407	0	dBA
2654	0	dBA
2569	0	dBA
2483	0	dBA
2409	0	dBA

Point of Reception 42		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
199	36	dBA
111	34	dBA
136	32	dBA
522	17	dBA
674	15	dBA
698	21	dBA
737	18	dBA
795	18	dBA
877	17	dBA
967	16	dBA
1313	15	dBA
1290	16	dBA
1282	9	dBA
1288	9	dBA
1309	16	dBA
2953	0	dBA
3124	0	dBA
2905	0	dBA
3607	0	dBA
3605	0	dBA
3609	0	dBA
3618	0	dBA
3857	0	dBA
1892	16	dBA
1995	15	dBA
2145	0	dBA
1851	16	dBA
2043	0	dBA
2160	0	dBA
2295	0	dBA
3002	0	dBA
2933	0	dBA
2863	0	dBA
2792	0	dBA
2754	0	dBA
2700	0	dBA
3004	0	dBA
2925	0	dBA
2862	0	dBA
2783	0	dBA
2707	0	dBA
2631	0	dBA
2590	0	dBA
2531	0	dBA
2867	0	dBA
2771	0	dBA
2673	0	dBA
2586	0	dBA

Point of Reception 43		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
414	26	dBA
278	27	dBA
162	31	dBA
288	26	dBA
521	21	dBA
598	26	dBA
692	19	dBA
790	18	dBA
907	17	dBA
1023	11	dBA
1116	21	dBA
1115	21	dBA
1130	15	dBA
1162	14	dBA
1209	20	dBA
2832	0	dBA
3021	0	dBA
2802	0	dBA
3436	0	dBA
3442	0	dBA
3455	0	dBA
3473	0	dBA
3742	0	dBA
2038	0	dBA
2144	0	dBA
2299	0	dBA
2013	0	dBA
2209	0	dBA
2328	0	dBA
2466	0	dBA
2996	0	dBA
2919	0	dBA
2839	0	dBA
2757	0	dBA
2713	0	dBA
2649	0	dBA
3026	0	dBA
2939	0	dBA
2869	0	dBA
2780	0	dBA
2695	0	dBA
2608	0	dBA
2560	0	dBA
2491	0	dBA
2900	0	dBA
2795	0	dBA
2687	0	dBA
2589	0	dBA

Point of Reception 44		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
570	23	dBA
434	19	dBA
320	26	dBA
193	29	dBA
479	22	dBA
591	26	dBA
714	19	dBA
831	17	dBA
963	12	dBA
1090	11	dBA
1011	18	dBA
1027	21	dBA
1059	15	dBA
1109	15	dBA
1174	20	dBA
2767	0	dBA
2967	0	dBA
2750	0	dBA
3336	0	dBA
3348	0	dBA
3367	0	dBA
3391	0	dBA
3679	0	dBA
2140	0	dBA
2248	0	dBA
2404	0	dBA
2124	0	dBA
2322	0	dBA
2441	0	dBA
2579	0	dBA
3005	0	dBA
2923	0	dBA
2838	0	dBA
2749	0	dBA
2701	0	dBA
2631	0	dBA
3051	0	dBA
2960	0	dBA
2886	0	dBA
2792	0	dBA
2701	0	dBA
2607	0	dBA
2555	0	dBA
2480	0	dBA
2933	0	dBA
2823	0	dBA
2708	0	dBA
2605	0	dBA

Point of Reception 45		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
316	32	dBA
196	29	dBA
125	33	dBA
287	26	dBA
420	23	dBA
463	28	dBA
536	21	dBA
625	20	dBA
737	18	dBA
852	17	dBA
1056	21	dBA
1035	21	dBA
1032	16	dBA
1047	15	dBA
1080	21	dBA
2718	0	dBA
2897	0	dBA
2678	0	dBA
3354	0	dBA
3355	0	dBA
3361	0	dBA
3374	0	dBA
3625	0	dBA
1872	16	dBA
1979	15	dBA
2134	0	dBA
1851	16	dBA
2048	0	dBA
2167	0	dBA
2305	0	dBA
2837	0	dBA
2762	0	dBA
2685	0	dBA
2606	0	dBA
2564	0	dBA
2503	0	dBA
2861	0	dBA
2776	0	dBA
2707	0	dBA
2620	0	dBA
2537	0	dBA
2453	0	dBA
2407	0	dBA
2341	0	dBA
2733	0	dBA
2630	0	dBA
2523	0	dBA
2428	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>POR41</b>				Point of Reception ID <b>POR42</b>				Point of Reception ID <b>POR43</b>				Point of Reception ID <b>POR44</b>				Point of Reception ID <b>POR45</b>			
Point of Reception Description House 41				Point of Reception Description House 42				Point of Reception Description House 43				Point of Reception Description House 44				Point of Reception Description House 45			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
370697	4908843	133.1		370666	4909184	137.6		370488	4909382	139.8		370378	4909505	137.5		370413	4909228	140.5	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>
P14A_U19	MVPP P14A_U19	2340	0	dBA	2503	0	dBA	2495	0	dBA	2504	0	dBA	2336	0	dBA	2336	0	dBA
P14A_U20	MVPP P14A_U20	2274	0	dBA	2420	0	dBA	2399	0	dBA	2401	0	dBA	2243	0	dBA	2243	0	dBA
P14A_U21	MVPP P14A_U21	2223	0	dBA	2354	0	dBA	2321	0	dBA	2315	0	dBA	2168	0	dBA	2168	0	dBA
P14B_U1	MVPP P14B_U1	2936	0	dBA	3087	0	dBA	3063	0	dBA	3060	0	dBA	2909	0	dBA	2909	0	dBA
P14B_U2	MVPP P14B_U2	2886	0	dBA	3026	0	dBA	2993	0	dBA	2985	0	dBA	2841	0	dBA	2841	0	dBA
P14B_U3	MVPP P14B_U3	2836	0	dBA	2963	0	dBA	2921	0	dBA	2907	0	dBA	2772	0	dBA	2772	0	dBA
P14B_U4	MVPP P14B_U4	2808	0	dBA	2927	0	dBA	2879	0	dBA	2861	0	dBA	2732	0	dBA	2732	0	dBA
P14B_U5	MVPP P14B_U5	2766	0	dBA	2872	0	dBA	2813	0	dBA	2789	0	dBA	2670	0	dBA	2670	0	dBA
P14B_U6	MVPP P14B_U6	3017	0	dBA	3140	0	dBA	3092	0	dBA	3074	0	dBA	2946	0	dBA	2946	0	dBA
P14B_U7	MVPP P14B_U7	2974	0	dBA	3084	0	dBA	3026	0	dBA	3002	0	dBA	2883	0	dBA	2883	0	dBA
P14B_U8	MVPP P14B_U8	2924	0	dBA	3017	0	dBA	2946	0	dBA	2914	0	dBA	2808	0	dBA	2808	0	dBA
P14C_U1	MVPP P14C_U1	3429	0	dBA	3571	0	dBA	3536	0	dBA	3524	0	dBA	3385	0	dBA	3385	0	dBA
P14C_U2	MVPP P14C_U2	3380	0	dBA	3512	0	dBA	3469	0	dBA	3453	0	dBA	3321	0	dBA	3321	0	dBA
P14C_U3	MVPP P14C_U3	3342	0	dBA	3466	0	dBA	3416	0	dBA	3396	0	dBA	3270	0	dBA	3270	0	dBA
P14C_U4	MVPP P14C_U4	3221	0	dBA	3354	0	dBA	3312	0	dBA	3297	0	dBA	3164	0	dBA	3164	0	dBA
P19_20_U1	MVPP P19/20_U1	5235	0	dBA	5370	0	dBA	5321	0	dBA	5298	0	dBA	5176	0	dBA	5176	0	dBA
P19_U1	MVPP P19_U1	5198	0	dBA	5326	0	dBA	5272	0	dBA	5245	0	dBA	5128	0	dBA	5128	0	dBA
P19_U2	MVPP P19_U2	5197	0	dBA	5317	0	dBA	5258	0	dBA	5227	0	dBA	5116	0	dBA	5116	0	dBA
P19_U3	MVPP P19_U3	5197	0	dBA	5311	0	dBA	5245	0	dBA	5211	0	dBA	5106	0	dBA	5106	0	dBA
P19_U4	MVPP P19_U4	5393	0	dBA	5517	0	dBA	5459	0	dBA	5430	0	dBA	5317	0	dBA	5317	0	dBA
P19_U5	MVPP P19_U5	5393	0	dBA	5509	0	dBA	5446	0	dBA	5413	0	dBA	5306	0	dBA	5306	0	dBA
P20_U1	MVPP P20_U1	5588	0	dBA	5697	0	dBA	5627	0	dBA	5590	0	dBA	5490	0	dBA	5490	0	dBA
P21_U1	MVPP P21_U1	6631	0	dBA	6792	0	dBA	6763	0	dBA	6750	0	dBA	6612	0	dBA	6612	0	dBA
P21_U2	MVPP P21_U2	6609	0	dBA	6764	0	dBA	6729	0	dBA	6713	0	dBA	6579	0	dBA	6579	0	dBA
P21_U3	MVPP P21_U3	6595	0	dBA	6743	0	dBA	6703	0	dBA	6684	0	dBA	6555	0	dBA	6555	0	dBA
P21_U4	MVPP P21_U4	6559	0	dBA	6697	0	dBA	6648	0	dBA	6624	0	dBA	6503	0	dBA	6503	0	dBA
P21_U5	MVPP P21_U5	6551	0	dBA	6685	0	dBA	6633	0	dBA	6606	0	dBA	6489	0	dBA	6489	0	dBA
P21_U6	MVPP P21_U6	6546	0	dBA	6674	0	dBA	6618	0	dBA	6588	0	dBA	6475	0	dBA	6475	0	dBA
P21_U7	MVPP P21_U7	6542	0	dBA	6665	0	dBA	6604	0	dBA	6572	0	dBA	6464	0	dBA	6464	0	dBA
P21_U8	MVPP P21_U8	6539	0	dBA	6657	0	dBA	6593	0	dBA	6558	0	dBA	6453	0	dBA	6453	0	dBA
P21_U9	MVPP P21_U9	6539	0	dBA	6650	0	dBA	6580	0	dBA	6542	0	dBA	6443	0	dBA	6443	0	dBA
P22_U1	MVPP P22_U1	6781	0	dBA	6939	0	dBA	6906	0	dBA	6892	0	dBA	6756	0	dBA	6756	0	dBA
P22_U2	MVPP P22_U2	6759	0	dBA	6910	0	dBA	6872	0	dBA	6854	0	dBA	6723	0	dBA	6723	0	dBA
P22_U3	MVPP P22_U3	6749	0	dBA	6890	0	dBA	6845	0	dBA	6822	0	dBA	6698	0	dBA	6698	0	dBA
P22_U4	MVPP P22_U4	6734	0	dBA	6868	0	dBA	6815	0	dBA	6787	0	dBA	6671	0	dBA	6671	0	dBA
P22_U5	MVPP P22_U5	6726	0	dBA	6852	0	dBA	6794	0	dBA	6763	0	dBA	6652	0	dBA	6652	0	dBA
P22_U6	MVPP P22_U6	6793	0	dBA	6910	0	dBA	6843	0	dBA	6807	0	dBA	6705	0	dBA	6705	0	dBA
P23_U1	MVPP P23_U1	6988	0	dBA	7143	0	dBA	7108	0	dBA	7092	0	dBA	6958	0	dBA	6958	0	dBA
P23_U2	MVPP P23_U2	6970	0	dBA	7119	0	dBA	7079	0	dBA	7060	0	dBA	6931	0	dBA	6931	0	dBA
P23_U3	MVPP P23_U3	6956	0	dBA	7099	0	dBA	7054	0	dBA	7031	0	dBA	6908	0	dBA	6908	0	dBA
P23_U4	MVPP P23_U4	6944	0	dBA	7081	0	dBA	7031	0	dBA	7005	0	dBA	6886	0	dBA	6886	0	dBA
P23_U5	MVPP P23_U5	6934	0	dBA	7063	0	dBA	7007	0	dBA	6977	0	dBA	6865	0	dBA	6865	0	dBA
P23_U6	MVPP P23_U6	6927	0	dBA	7051	0	dBA	6989	0	dBA	6957	0	dBA	6849	0	dBA	6849	0	dBA
P23_U7	MVPP P23_U7	6923	0	dBA	7040	0	dBA	6973	0	dBA	6937	0	dBA	6835	0	dBA	6835	0	dBA
P24_U1	MVPP P24_U1	6788	0	dBA	6963	0	dBA	6946	0	dBA	6941	0	dBA	6791	0	dBA	6791	0	dBA
P24_U2	MVPP P24_U2	6692	0	dBA	6863	0	dBA	6842	0	dBA	6835	0	dBA	6688	0	dBA	6688	0	dBA
P24_U3	MVPP P24_U3	6580	0	dBA	6760	0	dBA	6747	0	dBA	6745	0	dBA	6591	0	dBA	6591	0	dBA
TS	Transformer Station	1249	30	dBA	1278	31	dBA	1194	32	dBA	1170	32	dBA	1058	34	dBA	1058	34	dBA
H1T	Hut 1 Transformer	2850	0	dBA	3161	0	dBA	3303	0	dBA	3398	0	dBA	3135	0	dBA	3135	0	dBA
H1I1	Hut 1 Inverter 1	2855	0	dBA	3166	0	dBA	3308	0	dBA	3403	0	dBA	3140	0	dBA	3140	0	dBA
H1I2	Hut 1 Inverter 2	2854	0	dBA	3165	0	dBA	3307	0	dBA	3402	0	dBA	3140	0	dBA	3140	0	dBA
H2T	Hut 2 Transformer	2919	0	dBA	3222	0	dBA	3351	0	dBA	3440	0	dBA	3182	0	dBA	3182	0	dBA
H2I1	Hut 2 Inverter 1	2924	0	dBA	3227	0	dBA	3356	0	dBA	3445	0	dBA	3187	0	dBA	3187	0	dBA
H2I2	Hut 2 Inverter 2	2923	0	dBA	3226	0	dBA	3355	0	dBA	3444	0	dBA	3187	0	dBA	3187	0	dBA
H3T	Hut 3 Transformer	2998	0	dBA	3292	0	dBA	3409	0	dBA	3490	0	dBA	3239	0	dBA	3239	0	dBA
H3I1	Hut 3 Inverter 1	3003	0	dBA	3297	0	dBA	3414	0	dBA	3495	0	dBA	3244	0	dBA	3244	0	dBA
H3I2	Hut 3 Inverter 2	3001	0	dBA	3296	0	dBA	3413	0	dBA	3494	0	dBA	3243	0	dBA	3243	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>POR41</b>	Point of Reception ID <b>POR42</b>	Point of Reception ID <b>POR43</b>	Point of Reception ID <b>POR44</b>	Point of Reception ID <b>POR45</b>
Point of Reception Description House 41	Point of Reception Description House 42	Point of Reception Description House 43	Point of Reception Description House 44	Point of Reception Description House 45
X      Y      Z	X      Y      Z	X      Y      Z	X      Y      Z	X      Y      Z
370697    4908843    133.1	370666    4909184    137.6	370488    4909382    139.8	370378    4909505    137.5	370413    4909228    140.5

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 41		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2597	0	dBA
2601	0	dBA
2600	0	dBA
2405	0	dBA
2410	0	dBA
2409	0	dBA
2592	0	dBA
2597	0	dBA
2596	0	dBA
2461	0	dBA
2466	0	dBA
2465	0	dBA
2522	0	dBA
2527	0	dBA
2526	0	dBA
2780	0	dBA
2785	0	dBA
2784	0	dBA
2725	0	dBA
2729	0	dBA
2728	0	dBA
2958	0	dBA
6799	0	dBA
6996	0	dBA
6897	0	dBA
7071	0	dBA
6974	0	dBA
7148	0	dBA
7053	0	dBA
7227	0	dBA
7134	0	dBA
7308	0	dBA
7217	0	dBA

Point of Reception 42		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2885	0	dBA
2890	0	dBA
2888	0	dBA
2718	0	dBA
2723	0	dBA
2722	0	dBA
2904	0	dBA
2908	0	dBA
2908	0	dBA
2766	0	dBA
2771	0	dBA
2770	0	dBA
2820	0	dBA
2825	0	dBA
2824	0	dBA
3072	0	dBA
3077	0	dBA
3076	0	dBA
3030	0	dBA
3035	0	dBA
3034	0	dBA
3272	0	dBA
7057	0	dBA
7255	0	dBA
7159	0	dBA
7334	0	dBA
7240	0	dBA
7415	0	dBA
7322	0	dBA
7497	0	dBA
7407	0	dBA
7581	0	dBA
7493	0	dBA

Point of Reception 43		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2997	0	dBA
3002	0	dBA
3001	0	dBA
2865	0	dBA
2870	0	dBA
2870	0	dBA
3046	0	dBA
3051	0	dBA
3050	0	dBA
2902	0	dBA
2907	0	dBA
2906	0	dBA
2944	0	dBA
2949	0	dBA
2948	0	dBA
3187	0	dBA
3192	0	dBA
3191	0	dBA
3164	0	dBA
3169	0	dBA
3168	0	dBA
3417	0	dBA
7123	0	dBA
7321	0	dBA
7229	0	dBA
7404	0	dBA
7315	0	dBA
7489	0	dBA
7401	0	dBA
7575	0	dBA
7489	0	dBA
7663	0	dBA
7580	0	dBA

Point of Reception 44		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3076	0	dBA
3081	0	dBA
3080	0	dBA
2965	0	dBA
2970	0	dBA
2970	0	dBA
3143	0	dBA
3147	0	dBA
3147	0	dBA
2995	0	dBA
3000	0	dBA
2999	0	dBA
3030	0	dBA
3035	0	dBA
3034	0	dBA
3268	0	dBA
3273	0	dBA
3272	0	dBA
3255	0	dBA
3260	0	dBA
3259	0	dBA
3514	0	dBA
7168	0	dBA
7366	0	dBA
7277	0	dBA
7452	0	dBA
7365	0	dBA
7539	0	dBA
7454	0	dBA
7628	0	dBA
7545	0	dBA
7718	0	dBA
7637	0	dBA

Point of Reception 45		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2826	0	dBA
2831	0	dBA
2830	0	dBA
2699	0	dBA
2704	0	dBA
2704	0	dBA
2879	0	dBA
2884	0	dBA
2883	0	dBA
2734	0	dBA
2739	0	dBA
2738	0	dBA
2775	0	dBA
2779	0	dBA
2779	0	dBA
3017	0	dBA
3022	0	dBA
3021	0	dBA
2995	0	dBA
3000	0	dBA
3000	0	dBA
3250	0	dBA
6953	0	dBA
7151	0	dBA
7059	0	dBA
7234	0	dBA
7144	0	dBA
7319	0	dBA
7230	0	dBA
7405	0	dBA
7319	0	dBA
7492	0	dBA
7409	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID  
**POR46**

Point of Reception Description		
House 46		

X	Y	Z
370365	4909176	139.6

Point of Reception ID  
**POR47**

Point of Reception Description		
House 47		

X	Y	Z
370771	4907280	130.5

Point of Reception ID  
**POR48**

Point of Reception Description		
House 48		

X	Y	Z
370350	4907280	130.5

Point of Reception ID  
**POR49**

Point of Reception Description		
House 49		

X	Y	Z
370307	4906548	126.3

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
317	32	dBA
220	29	dBA
182	30	dBA
295	26	dBA
374	24	dBA
401	30	dBA
466	22	dBA
553	21	dBA
667	19	dBA
783	18	dBA
1018	21	dBA
989	22	dBA
980	16	dBA
989	16	dBA
1017	21	dBA
2657	0	dBA
2834	0	dBA
2615	0	dBA
3305	0	dBA
3303	0	dBA
3307	0	dBA
3318	0	dBA
3564	0	dBA
1813	16	dBA
1920	16	dBA
2076	0	dBA
1795	16	dBA
1993	15	dBA
2112	0	dBA
2250	0	dBA
2766	0	dBA
2691	0	dBA
2614	0	dBA
2536	0	dBA
2494	0	dBA
2434	0	dBA
2789	0	dBA
2704	0	dBA
2635	0	dBA
2549	0	dBA
2466	0	dBA
2382	0	dBA
2337	0	dBA
2271	0	dBA
2662	0	dBA
2559	0	dBA
2452	0	dBA
2356	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1717	17	dBA
1850	10	dBA
1963	10	dBA
2218	0	dBA
2090	0	dBA
1958	15	dBA
1812	11	dBA
1686	11	dBA
1552	12	dBA
1430	13	dBA
2544	0	dBA
2425	0	dBA
2316	0	dBA
2202	0	dBA
2091	0	dBA
3244	0	dBA
3250	0	dBA
3076	0	dBA
4160	0	dBA
4093	0	dBA
4027	0	dBA
3969	0	dBA
3950	0	dBA
705	21	dBA
693	22	dBA
707	21	dBA
563	23	dBA
553	24	dBA
582	16	dBA
641	15	dBA
2463	0	dBA
2473	0	dBA
2490	0	dBA
2516	0	dBA
2534	0	dBA
2566	0	dBA
2273	0	dBA
2270	0	dBA
2273	0	dBA
2283	0	dBA
2301	0	dBA
2328	0	dBA
2346	0	dBA
2379	0	dBA
2089	0	dBA
2087	0	dBA
2095	0	dBA
2112	0	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1732	0	dBA
1853	0	dBA
1958	0	dBA
2149	0	dBA
1972	0	dBA
1829	0	dBA
1672	10	dBA
1536	10	dBA
1389	11	dBA
1254	12	dBA
2339	0	dBA
2210	0	dBA
2091	0	dBA
1966	0	dBA
1842	0	dBA
2861	0	dBA
2852	0	dBA
2685	0	dBA
3788	0	dBA
3716	0	dBA
3644	0	dBA
3580	0	dBA
3542	0	dBA
295	27	dBA
272	29	dBA
311	32	dBA
170	29	dBA
154	33	dBA
243	30	dBA
369	33	dBA
2041	0	dBA
2053	0	dBA
2072	0	dBA
2102	0	dBA
2123	0	dBA
2160	0	dBA
1853	16	dBA
1849	16	dBA
1852	16	dBA
1863	16	dBA
1884	15	dBA
1915	0	dBA
1937	0	dBA
1976	0	dBA
1669	17	dBA
1666	17	dBA
1674	17	dBA
1694	16	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2462	0	dBA
2585	0	dBA
2690	0	dBA
2877	0	dBA
2690	0	dBA
2543	0	dBA
2385	0	dBA
2247	0	dBA
2098	0	dBA
1960	10	dBA
3005	0	dBA
2871	0	dBA
2747	0	dBA
2614	0	dBA
2481	0	dBA
3217	0	dBA
3147	0	dBA
3015	0	dBA
4166	0	dBA
4076	0	dBA
3982	0	dBA
3898	0	dBA
3762	0	dBA
870	23	dBA
765	24	dBA
614	26	dBA
844	23	dBA
646	26	dBA
526	21	dBA
389	24	dBA
2144	0	dBA
2195	0	dBA
2256	0	dBA
2327	0	dBA
2371	0	dBA
2440	0	dBA
1883	16	dBA
1925	16	dBA
1965	15	dBA
2023	0	dBA
2087	0	dBA
2163	0	dBA
2209	0	dBA
2282	0	dBA
1712	17	dBA
1766	16	dBA
1835	16	dBA
1907	16	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



**Point of Reception ID**  
**POR46**

Point of Reception Description		
House 46		

X	Y	Z
370365	4909176	139.6

**Point of Reception ID**  
**POR47**

Point of Reception Description		
House 47		

X	Y	Z
370771	4907280	130.5

**Point of Reception ID**  
**POR48**

Point of Reception Description		
House 48		

X	Y	Z
370350	4907280	130.5

**Point of Reception ID**  
**POR49**

Point of Reception Description		
House 49		

X	Y	Z
370307	4906548	126.3

Source ID <sup>(1)</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
2265	0	dBA
2173	0	dBA
2098	0	dBA
2838	0	dBA
2771	0	dBA
2703	0	dBA
2663	0	dBA
2602	0	dBA
2876	0	dBA
2815	0	dBA
2741	0	dBA
3315	0	dBA
3252	0	dBA
3202	0	dBA
3094	0	dBA
5107	0	dBA
5060	0	dBA
5048	0	dBA
5039	0	dBA
5249	0	dBA
5238	0	dBA
5423	0	dBA
6541	0	dBA
6509	0	dBA
6486	0	dBA
6434	0	dBA
6421	0	dBA
6407	0	dBA
6396	0	dBA
6386	0	dBA
6376	0	dBA
6686	0	dBA
6654	0	dBA
6629	0	dBA
6603	0	dBA
6584	0	dBA
6637	0	dBA
6889	0	dBA
6862	0	dBA
6839	0	dBA
6817	0	dBA
6796	0	dBA
6781	0	dBA
6767	0	dBA
6720	0	dBA
6618	0	dBA
6520	0	dBA
992	34	dBA
3074	0	dBA
3079	0	dBA
3078	0	dBA
3119	0	dBA
3124	0	dBA
3123	0	dBA
3174	0	dBA
3179	0	dBA
3178	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
2138	0	dBA
2176	0	dBA
2216	0	dBA
2661	0	dBA
2676	0	dBA
2698	0	dBA
2715	0	dBA
2746	0	dBA
2872	0	dBA
2897	0	dBA
2937	0	dBA
3126	0	dBA
3133	0	dBA
3143	0	dBA
2995	0	dBA
4817	0	dBA
4819	0	dBA
4850	0	dBA
4886	0	dBA
5022	0	dBA
5056	0	dBA
5278	0	dBA
6023	0	dBA
6036	0	dBA
6052	0	dBA
6067	0	dBA
6083	0	dBA
6103	0	dBA
6124	0	dBA
6147	0	dBA
6180	0	dBA
6184	0	dBA
6199	0	dBA
6234	0	dBA
6261	0	dBA
6288	0	dBA
6400	0	dBA
6398	0	dBA
6411	0	dBA
6428	0	dBA
6447	0	dBA
6473	0	dBA
6498	0	dBA
6525	0	dBA
6104	0	dBA
6032	0	dBA
5880	0	dBA
2009	0	dBA
1545	-5	dBA
1549	7	dBA
1548	7	dBA
1678	-6	dBA
1682	5	dBA
1680	5	dBA
1818	-7	dBA
1822	4	dBA
1820	4	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
1726	10	dBA
1771	10	dBA
1819	10	dBA
2240	0	dBA
2257	0	dBA
2283	0	dBA
2302	0	dBA
2338	0	dBA
2455	0	dBA
2483	0	dBA
2529	0	dBA
2705	0	dBA
2711	0	dBA
2723	0	dBA
2574	0	dBA
4402	0	dBA
4402	0	dBA
4432	0	dBA
4467	0	dBA
4605	0	dBA
4638	0	dBA
4859	0	dBA
5626	0	dBA
5636	0	dBA
5648	0	dBA
5659	0	dBA
5673	0	dBA
5691	0	dBA
5711	0	dBA
5733	0	dBA
5764	0	dBA
5786	0	dBA
5798	0	dBA
5828	0	dBA
5852	0	dBA
5877	0	dBA
5987	0	dBA
6000	0	dBA
6010	0	dBA
6024	0	dBA
6041	0	dBA
6063	0	dBA
6087	0	dBA
6112	0	dBA
5716	0	dBA
5641	0	dBA
5493	0	dBA
1761	0	dBA
1285	1	dBA
1290	12	dBA
1289	12	dBA
1388	-1	dBA
1392	10	dBA
1391	10	dBA
1505	-2	dBA
1509	9	dBA
1508	9	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
1987	10	dBA
2080	0	dBA
2165	0	dBA
2368	0	dBA
2420	0	dBA
2482	0	dBA
2523	0	dBA
2592	0	dBA
2628	0	dBA
2690	0	dBA
2776	0	dBA
2761	0	dBA
2799	0	dBA
2836	0	dBA
2688	0	dBA
4288	0	dBA
4310	0	dBA
4357	0	dBA
4410	0	dBA
4511	0	dBA
4561	0	dBA
4790	0	dBA
5375	0	dBA
5403	0	dBA
5432	0	dBA
5471	0	dBA
5497	0	dBA
5529	0	dBA
5562	0	dBA
5597	0	dBA
5645	0	dBA
5538	0	dBA
5569	0	dBA
5624	0	dBA
5670	0	dBA
5713	0	dBA
5845	0	dBA
5753	0	dBA
5779	0	dBA
5809	0	dBA
5842	0	dBA
5884	0	dBA
5923	0	dBA
5965	0	dBA
5421	0	dBA
5361	0	dBA
5193	0	dBA
2403	0	dBA
721	4	dBA
725	16	dBA
723	16	dBA
882	2	dBA
885	13	dBA
883	13	dBA
1050	0	dBA
1053	11	dBA
1050	11	dBA



**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID  
**POR46**

Point of Reception Description  
 House 46

X	Y	Z
370365	4909176	139.6

Point of Reception ID  
**POR47**

Point of Reception Description  
 House 47

X	Y	Z
370771	4907280	130.5

Point of Reception ID  
**POR48**

Point of Reception Description  
 House 48

X	Y	Z
370350	4907280	130.5

Point of Reception ID  
**POR49**

Point of Reception Description  
 House 49

X	Y	Z
370307	4906548	126.3

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2761	0	dBA
2765	0	dBA
2765	0	dBA
2639	0	dBA
2644	0	dBA
2644	0	dBA
2818	0	dBA
2823	0	dBA
2822	0	dBA
2672	0	dBA
2676	0	dBA
2676	0	dBA
2710	0	dBA
2715	0	dBA
2715	0	dBA
2952	0	dBA
2957	0	dBA
2956	0	dBA
2933	0	dBA
2937	0	dBA
2937	0	dBA
3189	0	dBA
6883	0	dBA
7081	0	dBA
6989	0	dBA
7164	0	dBA
7074	0	dBA
7249	0	dBA
7161	0	dBA
7335	0	dBA
7249	0	dBA
7423	0	dBA
7340	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1522	-4	dBA
1525	7	dBA
1523	7	dBA
1135	-3	dBA
1138	10	dBA
1136	8	dBA
1318	-3	dBA
1322	9	dBA
1320	9	dBA
1258	-2	dBA
1262	9	dBA
1260	9	dBA
1383	-3	dBA
1386	8	dBA
1384	8	dBA
1647	-5	dBA
1651	6	dBA
1649	6	dBA
1484	-4	dBA
1488	7	dBA
1486	7	dBA
1624	10	dBA
5677	0	dBA
5870	0	dBA
5752	0	dBA
5923	0	dBA
5808	0	dBA
5979	0	dBA
5866	0	dBA
6038	0	dBA
5928	0	dBA
6100	0	dBA
5992	0	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1163	1	dBA
1167	12	dBA
1165	12	dBA
843	6	dBA
847	18	dBA
846	18	dBA
1035	4	dBA
1040	15	dBA
1038	15	dBA
937	4	dBA
941	16	dBA
940	16	dBA
1041	3	dBA
1045	14	dBA
1043	14	dBA
1312	-1	dBA
1316	11	dBA
1314	11	dBA
1188	1	dBA
1193	12	dBA
1191	13	dBA
1383	15	dBA
5378	0	dBA
5573	0	dBA
5460	0	dBA
5633	0	dBA
5523	0	dBA
5696	0	dBA
5589	0	dBA
5762	0	dBA
5658	0	dBA
5831	0	dBA
5729	0	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
889	2	dBA
890	13	dBA
888	13	dBA
432	10	dBA
433	21	dBA
431	21	dBA
551	7	dBA
553	19	dBA
551	19	dBA
585	7	dBA
586	18	dBA
583	18	dBA
731	4	dBA
732	16	dBA
729	16	dBA
937	1	dBA
939	13	dBA
936	13	dBA
715	5	dBA
717	16	dBA
715	16	dBA
779	19	dBA
4843	0	dBA
5033	0	dBA
4912	0	dBA
5081	0	dBA
4963	0	dBA
5133	0	dBA
5016	0	dBA
5187	0	dBA
5074	0	dBA
5245	0	dBA
5135	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Source ID <sup>(1)</sup>	Source Description	Point of Reception 1			Point of Reception 2			Point of Reception 3			Point of Reception 4			Point of Reception 5		
		Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
P1_U1	MVPP P1_U1	5854	0	dB(A)	5077	0	dB(A)	5069	0	dB(A)	3995	0	dB(A)	3966	0	dB(A)
P1_U2	MVPP P1_U2	5888	0	dB(A)	5107	0	dB(A)	5098	0	dB(A)	3992	0	dB(A)	3955	0	dB(A)
P1_U3	MVPP P1_U3	5920	0	dB(A)	5136	0	dB(A)	5125	0	dB(A)	3992	0	dB(A)	3949	0	dB(A)
P2_U1	MVPP P2_U1	5771	0	dB(A)	4980	0	dB(A)	4963	0	dB(A)	3757	0	dB(A)	3697	0	dB(A)
P3_U1	MVPP P3_U1	5479	0	dB(A)	4689	0	dB(A)	4672	0	dB(A)	3482	0	dB(A)	3429	0	dB(A)
P3_U2	MVPP P3_U2	5375	0	dB(A)	4587	0	dB(A)	4572	0	dB(A)	3412	0	dB(A)	3367	0	dB(A)
P3_U3	MVPP P3_U3	5282	0	dB(A)	4497	0	dB(A)	4485	0	dB(A)	3361	0	dB(A)	3326	0	dB(A)
P3_U4	MVPP P3_U4	5206	0	dB(A)	4424	0	dB(A)	4414	0	dB(A)	3325	0	dB(A)	3299	0	dB(A)
P3_U5	MVPP P3_U5	5127	0	dB(A)	4349	0	dB(A)	4341	0	dB(A)	3292	0	dB(A)	3276	0	dB(A)
P3_U6	MVPP P3_U6	5056	0	dB(A)	4283	0	dB(A)	4278	0	dB(A)	3268	0	dB(A)	3261	0	dB(A)
P4_U1	MVPP P4_U1	5138	0	dB(A)	4344	0	dB(A)	4317	0	dB(A)	3014	0	dB(A)	2932	0	dB(A)
P4_U2	MVPP P4_U2	5046	0	dB(A)	4251	0	dB(A)	4227	0	dB(A)	2950	0	dB(A)	2877	0	dB(A)
P4_U3	MVPP P4_U3	4963	0	dB(A)	4169	0	dB(A)	4146	0	dB(A)	2895	0	dB(A)	2832	0	dB(A)
P4_U4	MVPP P4_U4	4875	0	dB(A)	4082	0	dB(A)	4062	0	dB(A)	2842	0	dB(A)	2788	0	dB(A)
P4_U5	MVPP P4_U5	4790	0	dB(A)	3998	0	dB(A)	3980	0	dB(A)	2795	0	dB(A)	2751	0	dB(A)
P6A_U1	MVPP P6A_U1	3441	0	dB(A)	2658	0	dB(A)	2616	0	dB(A)	1212	0	dB(A)	1126	0	dB(A)
P6A_U2	MVPP P6A_U2	3163	0	dB(A)	2378	0	dB(A)	2338	0	dB(A)	983	0	dB(A)	937	0	dB(A)
P6A_U3	MVPP P6A_U3	3349	0	dB(A)	2558	0	dB(A)	2523	0	dB(A)	1201	0	dB(A)	1155	0	dB(A)
P7_9_10_U1	MVPP P7/9/10_U1	3624	0	dB(A)	2915	0	dB(A)	2851	0	dB(A)	1340	0	dB(A)	1133	0	dB(A)
P7_9_10_U2	MVPP P7/9/10_U2	3497	0	dB(A)	2783	0	dB(A)	2719	0	dB(A)	1206	0	dB(A)	1001	0	dB(A)
P7_9_10_U3	MVPP P7/9/10_U3	3362	0	dB(A)	2642	0	dB(A)	2579	0	dB(A)	1062	0	dB(A)	862	0	dB(A)
P7_9_10_U4	MVPP P7/9/10_U4	3238	0	dB(A)	2511	0	dB(A)	2450	0	dB(A)	931	0	dB(A)	736	0	dB(A)
P11A_U3	MVPP P11A_U3	2710	0	dB(A)	1976	0	dB(A)	1916	0	dB(A)	395	0	dB(A)	226	0	dB(A)
P12_U1	MVPP P12_U1	4639	0	dB(A)	3928	0	dB(A)	3945	0	dB(A)	3312	0	dB(A)	3378	0	dB(A)
P12_U2	MVPP P12_U2	4605	0	dB(A)	3903	0	dB(A)	3923	0	dB(A)	3332	0	dB(A)	3405	0	dB(A)
P12_U3	MVPP P12_U3	4562	0	dB(A)	3874	0	dB(A)	3897	0	dB(A)	3368	0	dB(A)	3450	0	dB(A)
P12_U4	MVPP P12_U4	4775	0	dB(A)	4067	0	dB(A)	4085	0	dB(A)	3455	0	dB(A)	3520	0	dB(A)
P12_U5	MVPP P12_U5	4718	0	dB(A)	4027	0	dB(A)	4049	0	dB(A)	3493	0	dB(A)	3570	0	dB(A)
P12_U6	MVPP P12_U6	4688	0	dB(A)	4008	0	dB(A)	4032	0	dB(A)	3521	0	dB(A)	3605	0	dB(A)
P12_U7	MVPP P12_U7	4656	0	dB(A)	3989	0	dB(A)	4016	0	dB(A)	3559	0	dB(A)	3650	0	dB(A)
P14A_U1	MVPP P14A_U1	3010	0	dB(A)	2246	0	dB(A)	2248	0	dB(A)	1601	0	dB(A)	1711	0	dB(A)
P14A_U2	MVPP P14A_U2	3069	0	dB(A)	2297	0	dB(A)	2294	0	dB(A)	1562	0	dB(A)	1659	0	dB(A)
P14A_U3	MVPP P14A_U3	3136	0	dB(A)	2356	0	dB(A)	2350	0	dB(A)	1528	0	dB(A)	1610	0	dB(A)
P14A_U4	MVPP P14A_U4	3212	0	dB(A)	2427	0	dB(A)	2416	0	dB(A)	1504	0	dB(A)	1568	0	dB(A)
P14A_U5	MVPP P14A_U5	3258	0	dB(A)	2470	0	dB(A)	2456	0	dB(A)	1496	0	dB(A)	1548	0	dB(A)
P14A_U6	MVPP P14A_U6	3328	0	dB(A)	2537	0	dB(A)	2521	0	dB(A)	1492	0	dB(A)	1527	0	dB(A)
P14A_U7	MVPP P14A_U7	3077	0	dB(A)	2342	0	dB(A)	2355	0	dB(A)	1868	0	dB(A)	1992	0	dB(A)
P14A_U8	MVPP P14A_U8	3126	0	dB(A)	2379	0	dB(A)	2388	0	dB(A)	1819	0	dB(A)	1933	0	dB(A)
P14A_U9	MVPP P14A_U9	3170	0	dB(A)	2414	0	dB(A)	2419	0	dB(A)	1784	0	dB(A)	1888	0	dB(A)
P14A_U10	MVPP P14A_U10	3230	0	dB(A)	2465	0	dB(A)	2466	0	dB(A)	1746	0	dB(A)	1836	0	dB(A)
P14A_U11	MVPP P14A_U11	3295	0	dB(A)	2521	0	dB(A)	2518	0	dB(A)	1716	0	dB(A)	1793	0	dB(A)
P14A_U12	MVPP P14A_U12	3368	0	dB(A)	2588	0	dB(A)	2580	0	dB(A)	1695	0	dB(A)	1755	0	dB(A)
P14A_U13	MVPP P14A_U13	3411	0	dB(A)	2628	0	dB(A)	2618	0	dB(A)	1688	0	dB(A)	1738	0	dB(A)
P14A_U14	MVPP P14A_U14	3479	0	dB(A)	2692	0	dB(A)	2679	0	dB(A)	1685	0	dB(A)	1720	0	dB(A)
P14A_U15	MVPP P14A_U15	3249	0	dB(A)	2520	0	dB(A)	2534	0	dB(A)	2033	0	dB(A)	2149	0	dB(A)
P14A_U16	MVPP P14A_U16	3303	0	dB(A)	2561	0	dB(A)	2570	0	dB(A)	1983	0	dB(A)	2086	0	dB(A)
P14A_U17	MVPP P14A_U17	3367	0	dB(A)	2612	0	dB(A)	2617	0	dB(A)	1938	0	dB(A)	2028	0	dB(A)
P14A_U18	MVPP P14A_U18	3431	0	dB(A)	2667	0	dB(A)	2667	0	dB(A)	1906	0	dB(A)	1982	0	dB(A)

Point of Reception ID  
**POR50**

Point of Reception ID  
**POR51**

Point of Reception ID  
**POR52**

Point of Reception ID  
**POR53**

Point of Reception ID  
**POR54**

Point of Reception Description  
 Vacant Lot Receptor 01

Point of Reception Description  
 Vacant Lot Receptor 02

Point of Reception Description  
 Vacant Lot Receptor 03

Point of Reception Description  
 Vacant Lot Receptor 04

Point of Reception Description  
 Vacant Lot Receptor 05

Point of reception coordinates		
X	Y	Z <sup>(3)</sup>
365719	4905791	139.1

Point of reception coordinates		
X	Y	Z <sup>(3)</sup>
366287	4906347	139.7

Point of reception coordinates		
X	Y	Z <sup>(3)</sup>
366249	4906424	140.5

Point of reception coordinates		
X	Y	Z <sup>(3)</sup>
366794	4907844	138.5

Point of reception coordinates		
X	Y	Z <sup>(3)</sup>
366765	4908063	136.5

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

		Point of Reception ID <b>POR50</b>			Point of Reception ID <b>POR51</b>			Point of Reception ID <b>POR52</b>			Point of Reception ID <b>POR53</b>			Point of Reception ID <b>POR54</b>		
		Point of Reception Description Vacant Lot Receptor 01			Point of Reception Description Vacant Lot Receptor 02			Point of Reception Description Vacant Lot Receptor 03			Point of Reception Description Vacant Lot Receptor 04			Point of Reception Description Vacant Lot Receptor 05		
		Point of reception coordinates X Y Z <sup>(1)</sup>			Point of reception coordinates X Y Z <sup>(1)</sup>			Point of reception coordinates X Y Z <sup>(1)</sup>			Point of reception coordinates X Y Z <sup>(1)</sup>			Point of reception coordinates X Y Z <sup>(1)</sup>		
		365719	4905791	139.1	366287	4906347	139.7	366249	4906424	140.5	366794	4907844	138.5	366765	4908063	136.5
Source ID <sup>(1)</sup>	Source Description	Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
P14A_U19	MVPP P14A_U19	3500	0	dBA	2727	0	dBA	2724	0	dBA	1883	0	dBA	1945	0	dBA
P14A_U20	MVPP P14A_U20	3578	0	dBA	2798	0	dBA	2791	0	dBA	1870	0	dBA	1914	0	dBA
P14A_U21	MVPP P14A_U21	3650	0	dBA	2865	0	dBA	2855	0	dBA	1869	0	dBA	1899	0	dBA
P14B_U1	MVPP P14B_U1	2912	0	dBA	2133	0	dBA	2127	0	dBA	1380	0	dBA	1486	0	dBA
P14B_U2	MVPP P14B_U2	2977	0	dBA	2192	0	dBA	2182	0	dBA	1346	0	dBA	1435	0	dBA
P14B_U3	MVPP P14B_U3	3051	0	dBA	2262	0	dBA	2248	0	dBA	1320	0	dBA	1391	0	dBA
P14B_U4	MVPP P14B_U4	3099	0	dBA	2308	0	dBA	2291	0	dBA	1309	0	dBA	1368	0	dBA
P14B_U5	MVPP P14B_U5	3179	0	dBA	2385	0	dBA	2365	0	dBA	1304	0	dBA	1341	0	dBA
P14B_U6	MVPP P14B_U6	2887	0	dBA	2095	0	dBA	2078	0	dBA	1145	0	dBA	1229	0	dBA
P14B_U7	MVPP P14B_U7	2968	0	dBA	2174	0	dBA	2153	0	dBA	1126	0	dBA	1187	0	dBA
P14B_U8	MVPP P14B_U8	3079	0	dBA	2284	0	dBA	2258	0	dBA	1123	0	dBA	1153	0	dBA
P14C_U1	MVPP P14C_U1	2435	0	dBA	1648	0	dBA	1637	0	dBA	1021	0	dBA	1178	0	dBA
P14C_U2	MVPP P14C_U2	2506	0	dBA	1715	0	dBA	1700	0	dBA	956	0	dBA	1099	0	dBA
P14C_U3	MVPP P14C_U3	2569	0	dBA	1776	0	dBA	1756	0	dBA	909	0	dBA	1037	0	dBA
P14C_U4	MVPP P14C_U4	2661	0	dBA	1871	0	dBA	1857	0	dBA	1057	0	dBA	1178	0	dBA
P19_20_U1	MVPP P19/20_U1	764	15	dBA	306	16	dBA	240	17	dBA	1557	17	dBA	1738	18	dBA
P19_U1	MVPP P19_U1	876	10	dBA	399	10	dBA	320	11	dBA	1459	12	dBA	1634	12	dBA
P19_U2	MVPP P19_U2	959	5	dBA	501	10	dBA	419	11	dBA	1403	12	dBA	1569	13	dBA
P19_U3	MVPP P19_U3	1056	5	dBA	616	10	dBA	532	11	dBA	1348	12	dBA	1503	13	dBA
P19_U4	MVPP P19_U4	804	13	dBA	548	13	dBA	483	14	dBA	1601	19	dBA	1762	19	dBA
P19_U5	MVPP P19_U5	910	6	dBA	645	7	dBA	572	12	dBA	1549	13	dBA	1700	14	dBA
P20_U1	MVPP P20_U1	968	17	dBA	861	18	dBA	793	19	dBA	1686	20	dBA	1818	21	dBA
P21_U1	MVPP P21_U1	794	11	dBA	1583	11	dBA	1606	10	dBA	3045	10	dBA	3213	10	dBA
P21_U2	MVPP P21_U2	776	22	dBA	1546	22	dBA	1561	22	dBA	2967	21	dBA	3129	21	dBA
P21_U3	MVPP P21_U3	785	23	dBA	1527	23	dBA	1535	23	dBA	2905	22	dBA	3062	22	dBA
P21_U4	MVPP P21_U4	832	24	dBA	1503	25	dBA	1498	25	dBA	2795	25	dBA	2941	24	dBA
P21_U5	MVPP P21_U5	875	25	dBA	1509	26	dBA	1499	26	dBA	2757	26	dBA	2898	26	dBA
P21_U6	MVPP P21_U6	933	25	dBA	1523	27	dBA	1507	28	dBA	2719	28	dBA	2853	27	dBA
P21_U7	MVPP P21_U7	1000	26	dBA	1545	27	dBA	1523	29	dBA	2684	29	dBA	2812	29	dBA
P21_U8	MVPP P21_U8	1073	20	dBA	1574	22	dBA	1546	24	dBA	2653	25	dBA	2774	26	dBA
P21_U9	MVPP P21_U9	1176	19	dBA	1621	22	dBA	1586	24	dBA	2619	28	dBA	2731	30	dBA
P22_U1	MVPP P22_U1	942	22	dBA	1724	22	dBA	1742	21	dBA	3157	20	dBA	3319	20	dBA
P22_U2	MVPP P22_U2	935	24	dBA	1693	23	dBA	1703	23	dBA	3078	22	dBA	3234	21	dBA
P22_U3	MVPP P22_U3	974	26	dBA	1685	25	dBA	1686	25	dBA	3001	24	dBA	3147	23	dBA
P22_U4	MVPP P22_U4	1034	27	dBA	1690	28	dBA	1681	28	dBA	2930	26	dBA	3067	25	dBA
P22_U5	MVPP P22_U5	1105	22	dBA	1708	24	dBA	1692	24	dBA	2880	23	dBA	3008	22	dBA
P22_U6	MVPP P22_U6	1280	24	dBA	1824	28	dBA	1798	31	dBA	2894	28	dBA	3009	25	dBA
P23_U1	MVPP P23_U1	1150	23	dBA	1926	22	dBA	1940	22	dBA	3330	21	dBA	3486	20	dBA
P23_U2	MVPP P23_U2	1147	25	dBA	1903	24	dBA	1911	23	dBA	3266	22	dBA	3417	21	dBA
P23_U3	MVPP P23_U3	1162	27	dBA	1891	26	dBA	1893	25	dBA	3209	23	dBA	3353	22	dBA
P23_U4	MVPP P23_U4	1193	29	dBA	1888	28	dBA	1884	27	dBA	3155	25	dBA	3293	24	dBA
P23_U5	MVPP P23_U5	1247	32	dBA	1898	31	dBA	1887	29	dBA	3100	27	dBA	3229	25	dBA
P23_U6	MVPP P23_U6	1308	27	dBA	1918	29	dBA	1900	27	dBA	3059	23	dBA	3180	21	dBA
P23_U7	MVPP P23_U7	1380	27	dBA	1947	33	dBA	1923	32	dBA	3022	26	dBA	3135	23	dBA
P24_U1	MVPP P24_U1	1013	15	dBA	1801	15	dBA	1838	15	dBA	3322	14	dBA	3499	14	dBA
P24_U2	MVPP P24_U2	891	16	dBA	1684	16	dBA	1717	15	dBA	3192	15	dBA	3368	14	dBA
P24_U3	MVPP P24_U3	862	14	dBA	1631	14	dBA	1675	14	dBA	3178	14	dBA	3363	13	dBA
TS	Transformer Station	4788	0	dBA	3998	0	dBA	3981	0	dBA	2820	0	dBA	2782	0	dBA
H1T	Hut 1 Transformer	3988	0	dBA	3405	0	dBA	3448	0	dBA	3339	0	dBA	3479	0	dBA
H1I1	Hut 1 Inverter 1	3986	0	dBA	3404	0	dBA	3447	0	dBA	3341	0	dBA	3480	0	dBA
H1I2	Hut 1 Inverter 2	3989	0	dBA	3407	0	dBA	3449	0	dBA	3343	0	dBA	3482	0	dBA
H2T	Hut 2 Transformer	3807	0	dBA	3224	0	dBA	3267	0	dBA	3183	0	dBA	3328	0	dBA
H2I1	Hut 2 Inverter 1	3805	0	dBA	3223	0	dBA	3266	0	dBA	3184	0	dBA	3329	0	dBA
H2I2	Hut 2 Inverter 2	3808	0	dBA	3225	0	dBA	3268	0	dBA	3187	0	dBA	3331	0	dBA
H3T	Hut 3 Transformer	3626	0	dBA	3042	0	dBA	3085	0	dBA	3030	0	dBA	3180	0	dBA
H3I1	Hut 3 Inverter 1	3624	0	dBA	3041	0	dBA	3084	0	dBA	3031	0	dBA	3181	0	dBA
H3I2	Hut 3 Inverter 2	3627	0	dBA	3044	0	dBA	3087	0	dBA	3033	0	dBA	3183	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

**Point of Reception ID**  
**POR50**

**Point of Reception Description**  
 Vacant Lot Receptor 01

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
365719	4905791	139.1

**Point of Reception ID**  
**POR51**

**Point of Reception Description**  
 Vacant Lot Receptor 02

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
366287	4906347	139.7

**Point of Reception ID**  
**POR52**

**Point of Reception Description**  
 Vacant Lot Receptor 03

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
366249	4906424	140.5

**Point of Reception ID**  
**POR53**

**Point of Reception Description**  
 Vacant Lot Receptor 04

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
366794	4907844	138.5

**Point of Reception ID**  
**POR54**

**Point of Reception Description**  
 Vacant Lot Receptor 05

Point of reception coordinates		
X	Y	Z <sup>(1)</sup>
366765	4908063	136.5

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MW inverter unit
Inv2	Sunny Central 1000MW inverter unit
Inv3	Sunny Central 1000MW inverter unit
Inv4	Sunny Central 1000MW inverter unit
Inv5	Sunny Central 1000MW inverter unit
Inv6	Sunny Central 1000MW inverter unit
Inv7	Sunny Central 1000MW inverter unit
Inv8	Sunny Central 1000MW inverter unit
Inv9	Sunny Central 1000MW inverter unit
Inv10	Sunny Central 1000MW inverter unit

Point of Reception 1			
Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	
3783	0	dB(A)	
3781	0	dB(A)	
3783	0	dB(A)	
4232	0	dB(A)	
4229	0	dB(A)	
4232	0	dB(A)	
4100	0	dB(A)	
4098	0	dB(A)	
4101	0	dB(A)	
4082	0	dB(A)	
4080	0	dB(A)	
4082	0	dB(A)	
3938	0	dB(A)	
3936	0	dB(A)	
3939	0	dB(A)	
3713	0	dB(A)	
3711	0	dB(A)	
3714	0	dB(A)	
3943	0	dB(A)	
3941	0	dB(A)	
3943	0	dB(A)	
3993	0	dB(A)	
2567	0	dB(A)	
2689	0	dB(A)	
2726	0	dB(A)	
2835	0	dB(A)	
2871	0	dB(A)	
2978	0	dB(A)	
3015	0	dB(A)	
3122	0	dB(A)	
3159	0	dB(A)	
3266	0	dB(A)	
3304	0	dB(A)	

Point of Reception 2			
Distance (m)	Sound Level at PoR	Units <sup>(2)</sup>	
3140	0	dB(A)	
3139	0	dB(A)	
3141	0	dB(A)	
3597	0	dB(A)	
3595	0	dB(A)	
3598	0	dB(A)	
3484	0	dB(A)	
3483	0	dB(A)	
3485	0	dB(A)	
3445	0	dB(A)	
3443	0	dB(A)	
3445	0	dB(A)	
3298	0	dB(A)	
3297	0	dB(A)	
3299	0	dB(A)	
3097	0	dB(A)	
3095	0	dB(A)	
3098	0	dB(A)	
3337	0	dB(A)	
3335	0	dB(A)	
3338	0	dB(A)	
3428	0	dB(A)	
2975	0	dB(A)	
3130	0	dB(A)	
3132	0	dB(A)	
3269	0	dB(A)	
3272	0	dB(A)	
3407	0	dB(A)	
3412	0	dB(A)	
3545	0	dB(A)	
3552	0	dB(A)	
3684	0	dB(A)	
3693	0	dB(A)	

Point of Reception 3			
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	
3173	0	dB(A)	
3172	0	dB(A)	
3174	0	dB(A)	
3630	0	dB(A)	
3629	0	dB(A)	
3631	0	dB(A)	
3521	0	dB(A)	
3520	0	dB(A)	
3523	0	dB(A)	
3478	0	dB(A)	
3477	0	dB(A)	
3479	0	dB(A)	
3332	0	dB(A)	
3330	0	dB(A)	
3333	0	dB(A)	
3134	0	dB(A)	
3133	0	dB(A)	
3136	0	dB(A)	
3376	0	dB(A)	
3375	0	dB(A)	
3377	0	dB(A)	
3473	0	dB(A)	
3057	0	dB(A)	
3210	0	dB(A)	
3214	0	dB(A)	
3350	0	dB(A)	
3354	0	dB(A)	
3488	0	dB(A)	
3494	0	dB(A)	
3627	0	dB(A)	
3634	0	dB(A)	
3766	0	dB(A)	
3776	0	dB(A)	

Point of Reception 4			
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	
2912	0	dB(A)	
2913	0	dB(A)	
2915	0	dB(A)	
3330	0	dB(A)	
3330	0	dB(A)	
3333	0	dB(A)	
3299	0	dB(A)	
3300	0	dB(A)	
3302	0	dB(A)	
3189	0	dB(A)	
3190	0	dB(A)	
3192	0	dB(A)	
3055	0	dB(A)	
3056	0	dB(A)	
3058	0	dB(A)	
2968	0	dB(A)	
2969	0	dB(A)	
2972	0	dB(A)	
3205	0	dB(A)	
3206	0	dB(A)	
3208	0	dB(A)	
3414	0	dB(A)	
4454	0	dB(A)	
4625	0	dB(A)	
4606	0	dB(A)	
4757	0	dB(A)	
4739	0	dB(A)	
4888	0	dB(A)	
4872	0	dB(A)	
5020	0	dB(A)	
5005	0	dB(A)	
5152	0	dB(A)	
5140	0	dB(A)	

Point of Reception 5			
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	
3039	0	dB(A)	
3040	0	dB(A)	
3042	0	dB(A)	
3446	0	dB(A)	
3447	0	dB(A)	
3449	0	dB(A)	
3425	0	dB(A)	
3426	0	dB(A)	
3428	0	dB(A)	
3309	0	dB(A)	
3310	0	dB(A)	
3312	0	dB(A)	
3178	0	dB(A)	
3179	0	dB(A)	
3182	0	dB(A)	
3106	0	dB(A)	
3108	0	dB(A)	
3110	0	dB(A)	
3339	0	dB(A)	
3340	0	dB(A)	
3343	0	dB(A)	
3558	0	dB(A)	
4673	0	dB(A)	
4843	0	dB(A)	
4825	0	dB(A)	
4976	0	dB(A)	
4959	0	dB(A)	
5107	0	dB(A)	
5092	0	dB(A)	
5239	0	dB(A)	
5225	0	dB(A)	
5372	0	dB(A)	
5360	0	dB(A)	

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR55	POR56	POR57	POR58	POR59
<b>Point of Reception Description</b> Vacant Lot Receptor 06	<b>Point of Reception Description</b> Vacant Lot Receptor 07	<b>Point of Reception Description</b> Vacant Lot Receptor 08	<b>Point of Reception Description</b> Vacant Lot Receptor 09	<b>Point of Reception Description</b> Vacant Lot Receptor 10
<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>
X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>
366663 4908145 136.6	367428 4908096 136.5	366635 4908622 141.1	367016 4910060 141.0	367266 4910349 142.7

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 6		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4048	0	dBA
4033	0	dBA
4024	0	dBA
3764	0	dBA
3500	0	dBA
3442	0	dBA
3406	0	dBA
3383	0	dBA
3364	0	dBA
3353	0	dBA
2988	0	dBA
2938	0	dBA
2897	0	dBA
2859	0	dBA
2827	0	dBA
1189	0	dBA
1023	0	dBA
1239	0	dBA
1088	0	dBA
962	0	dBA
832	0	dBA
717	0	dBA
279	0	dBA
3495	0	dBA
3523	0	dBA
3571	0	dBA
3636	0	dBA
3689	0	dBA
3725	0	dBA
3772	0	dBA
1838	0	dBA
1784	0	dBA
1732	0	dBA
1686	0	dBA
1664	0	dBA
1638	0	dBA
2120	0	dBA
2060	0	dBA
2014	0	dBA
1960	0	dBA
1913	0	dBA
1872	0	dBA
1853	0	dBA
1830	0	dBA
2277	0	dBA
2212	0	dBA
2151	0	dBA
2102	0	dBA

Point of Reception 7		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3316	0	dBA
3310	0	dBA
3310	0	dBA
3076	0	dBA
2800	0	dBA
2730	0	dBA
2680	0	dBA
2646	0	dBA
2618	0	dBA
2600	0	dBA
2343	0	dBA
2274	0	dBA
2216	0	dBA
2161	0	dBA
2113	0	dBA
571	0	dBA
307	0	dBA
520	0	dBA
1124	0	dBA
991	0	dBA
852	0	dBA
725	0	dBA
509	0	dBA
2740	0	dBA
2773	0	dBA
2829	0	dBA
2879	0	dBA
2941	0	dBA
2984	0	dBA
3038	0	dBA
1170	0	dBA
1091	0	dBA
1015	0	dBA
945	0	dBA
913	0	dBA
876	0	dBA
1470	0	dBA
1388	0	dBA
1325	0	dBA
1249	0	dBA
1182	0	dBA
1123	0	dBA
1096	0	dBA
1066	0	dBA
1603	0	dBA
1517	0	dBA
1434	0	dBA
1367	0	dBA

Point of Reception 8		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4004	0	dBA
3973	0	dBA
3950	0	dBA
3657	0	dBA
3411	0	dBA
3373	0	dBA
3359	0	dBA
3356	0	dBA
3358	0	dBA
3367	0	dBA
2847	0	dBA
2818	0	dBA
2798	0	dBA
2783	0	dBA
2774	0	dBA
1151	0	dBA
1098	0	dBA
1281	0	dBA
684	0	dBA
585	0	dBA
502	0	dBA
455	0	dBA
506	10	dBA
3655	0	dBA
3696	0	dBA
3762	0	dBA
3791	0	dBA
3866	0	dBA
3916	0	dBA
3977	0	dBA
2117	0	dBA
2042	0	dBA
1966	0	dBA
1891	0	dBA
1851	0	dBA
1796	0	dBA
2414	0	dBA
2337	0	dBA
2276	0	dBA
2200	0	dBA
2130	0	dBA
2061	0	dBA
2025	0	dBA
1975	0	dBA
2553	0	dBA
2469	0	dBA
2385	0	dBA
2312	0	dBA

Point of Reception 9		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3761	0	dBA
3683	0	dBA
3620	0	dBA
3251	0	dBA
3094	0	dBA
3124	0	dBA
3181	0	dBA
3239	0	dBA
3306	0	dBA
3374	0	dBA
2446	0	dBA
2494	0	dBA
2544	0	dBA
2604	0	dBA
2670	0	dBA
1700	0	dBA
1903	0	dBA
1923	0	dBA
904	0	dBA
1043	0	dBA
1192	0	dBA
1331	0	dBA
1848	11	dBA
4063	0	dBA
4138	0	dBA
4249	0	dBA
4172	0	dBA
4307	0	dBA
4390	0	dBA
4489	0	dBA
3025	0	dBA
2915	0	dBA
2797	0	dBA
2672	0	dBA
2601	0	dBA
2495	0	dBA
3317	0	dBA
3209	0	dBA
3119	0	dBA
3004	0	dBA
2890	0	dBA
2768	0	dBA
2700	0	dBA
2599	0	dBA
3394	0	dBA
3271	0	dBA
3142	0	dBA
3022	0	dBA

Point of Reception 10		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3620	0	dBA
3532	0	dBA
3459	0	dBA
3080	0	dBA
2952	0	dBA
2999	0	dBA
3073	0	dBA
3145	0	dBA
3228	0	dBA
3309	0	dBA
2308	0	dBA
2375	0	dBA
2442	0	dBA
2520	0	dBA
2603	0	dBA
1878	0	dBA
2114	0	dBA
2098	0	dBA
1209	0	dBA
1346	0	dBA
1492	0	dBA
1630	0	dBA
2161	11	dBA
4082	0	dBA
4164	0	dBA
4286	0	dBA
4182	0	dBA
4330	0	dBA
4421	0	dBA
4528	0	dBA
3198	0	dBA
3084	0	dBA
2960	0	dBA
2828	0	dBA
2754	0	dBA
2641	0	dBA
3481	0	dBA
3368	0	dBA
3274	0	dBA
3153	0	dBA
3032	0	dBA
2904	0	dBA
2831	0	dBA
2722	0	dBA
3541	0	dBA
3412	0	dBA
3274	0	dBA
3147	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
POR55	POR56	POR57	POR58	POR59
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description
Vacant Lot Receptor 06	Vacant Lot Receptor 07	Vacant Lot Receptor 08	Vacant Lot Receptor 09	Vacant Lot Receptor 10
Point of reception coordinates	Point of reception coordinates	Point of reception coordinates	Point of reception coordinates	Point of reception coordinates
X Y Z <sup>[1]</sup>	X Y Z <sup>[1]</sup>	X Y Z <sup>[1]</sup>	X Y Z <sup>[1]</sup>	X Y Z <sup>[1]</sup>
366663 4908145 136.6	367428 4908096 136.5	366635 4908622 141.1	367016 4910060 141.0	367266 4910349 142.7

Source ID <sup>[1]</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 6		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
2061	0	dBA
2027	0	dBA
2006	0	dBA
1613	0	dBA
1560	0	dBA
1511	0	dBA
1486	0	dBA
1454	0	dBA
1353	0	dBA
1306	0	dBA
1264	0	dBA
1308	0	dBA
1230	0	dBA
1167	0	dBA
1307	0	dBA
1772	17	dBA
1662	9	dBA
1591	9	dBA
1517	8	dBA
1779	17	dBA
1709	10	dBA
1812	16	dBA
3231	25	dBA
3142	32	dBA
3070	30	dBA
2942	28	dBA
2894	26	dBA
2845	25	dBA
2799	20	dBA
2757	12	dBA
2707	11	dBA
3332	28	dBA
3241	28	dBA
3147	26	dBA
3060	25	dBA
2996	18	dBA
2987	11	dBA
3494	25	dBA
3420	25	dBA
3351	24	dBA
3286	20	dBA
3217	23	dBA
3162	12	dBA
3111	11	dBA
3525	26	dBA
3392	28	dBA
3396	27	dBA
2861	0	dBA
3609	0	dBA
3610	0	dBA
3612	0	dBA
3458	0	dBA
3459	0	dBA
3461	0	dBA
3310	0	dBA
3311	0	dBA
3313	0	dBA

Point of Reception 7		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
1311	0	dBA
1266	0	dBA
1240	0	dBA
947	0	dBA
865	0	dBA
788	0	dBA
747	0	dBA
696	0	dBA
663	0	dBA
581	0	dBA
505	0	dBA
844	0	dBA
728	0	dBA
630	0	dBA
719	0	dBA
2134	15	dBA
2055	8	dBA
2016	8	dBA
1980	7	dBA
2220	15	dBA
2184	8	dBA
2341	15	dBA
3632	29	dBA
3567	32	dBA
3517	26	dBA
3425	23	dBA
3394	22	dBA
3364	20	dBA
3336	19	dBA
3312	11	dBA
3286	10	dBA
3755	30	dBA
3690	25	dBA
3629	23	dBA
3571	21	dBA
3531	13	dBA
3557	11	dBA
3939	26	dBA
3886	22	dBA
3838	21	dBA
3794	20	dBA
3750	19	dBA
3716	11	dBA
3686	10	dBA
3882	29	dBA
3759	33	dBA
3719	28	dBA
2138	0	dBA
2964	0	dBA
2966	0	dBA
2968	0	dBA
2828	0	dBA
2830	0	dBA
2832	0	dBA
2697	0	dBA
2700	0	dBA
2702	0	dBA

Point of Reception 8		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
2245	0	dBA
2181	0	dBA
2133	0	dBA
1892	0	dBA
1816	0	dBA
1739	0	dBA
1695	0	dBA
1630	0	dBA
1611	0	dBA
1533	0	dBA
1442	0	dBA
1680	0	dBA
1583	0	dBA
1503	0	dBA
1626	0	dBA
2216	24	dBA
2100	20	dBA
2019	21	dBA
1935	22	dBA
2197	28	dBA
2116	24	dBA
2189	35	dBA
3642	7	dBA
3544	14	dBA
3463	15	dBA
3320	16	dBA
3265	16	dBA
3206	17	dBA
3150	21	dBA
3097	15	dBA
3032	16	dBA
3733	13	dBA
3633	14	dBA
3524	14	dBA
3423	15	dBA
3344	14	dBA
3312	14	dBA
3884	12	dBA
3801	13	dBA
3722	13	dBA
3647	14	dBA
3564	14	dBA
3497	13	dBA
3432	13	dBA
3949	11	dBA
3814	12	dBA
3831	12	dBA
2820	0	dBA
3911	0	dBA
3913	0	dBA
3915	0	dBA
3771	0	dBA
3773	0	dBA
3775	0	dBA
3635	0	dBA
3637	0	dBA
3639	0	dBA

Point of Reception 9		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
2904	0	dBA
2778	0	dBA
2673	0	dBA
2837	0	dBA
2726	0	dBA
2605	0	dBA
2532	0	dBA
2414	0	dBA
2571	0	dBA
2448	0	dBA
2291	0	dBA
2850	16	dBA
2733	16	dBA
2633	16	dBA
2700	0	dBA
3703	28	dBA
3586	24	dBA
3504	27	dBA
3415	31	dBA
3677	30	dBA
3590	27	dBA
3643	30	dBA
5112	6	dBA
5007	13	dBA
4919	13	dBA
4763	14	dBA
4700	14	dBA
4632	15	dBA
4566	19	dBA
4502	13	dBA
4420	13	dBA
5194	12	dBA
5085	12	dBA
4964	13	dBA
4848	13	dBA
4756	7	dBA
4697	12	dBA
5335	0	dBA
5243	12	dBA
5155	12	dBA
5068	12	dBA
4971	12	dBA
4889	11	dBA
4809	11	dBA
5427	0	dBA
5290	12	dBA
5315	0	dBA
2744	0	dBA
4713	0	dBA
4716	0	dBA
4718	0	dBA
4613	0	dBA
4616	0	dBA
4617	0	dBA
4517	0	dBA
4520	0	dBA
4522	0	dBA

Point of Reception 10		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3021	0	dBA
2887	0	dBA
2772	0	dBA
3026	0	dBA
2910	0	dBA
2785	0	dBA
2709	0	dBA
2585	0	dBA
2773	0	dBA
2646	0	dBA
2482	0	dBA
3092	17	dBA
2973	17	dBA
2872	17	dBA
2924	16	dBA
4052	33	dBA
3938	31	dBA
3858	33	dBA
3773	30	dBA
4035	32	dBA
3951	25	dBA
4010	27	dBA
5475	6	dBA
5373	17	dBA
5288	17	dBA
5134	18	dBA
5073	18	dBA
5006	18	dBA
4941	18	dBA
4878	12	dBA
4798	12	dBA
5561	16	dBA
5455	16	dBA
5336	17	dBA
5222	17	dBA
5132	11	dBA
5075	11	dBA
5704	0	dBA
5615	12	dBA
5528	12	dBA
5443	16	dBA
5348	16	dBA
5267	10	dBA
5188	10	dBA
5786	0	dBA
5651	12	dBA
5669	12	dBA
2681	0	dBA
4823	0	dBA
4827	0	dBA
4828	0	dBA
4735	0	dBA
4738	0	dBA
4740	0	dBA
4652	0	dBA
4655	0	dBA
4656	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR55</b>	Point of Reception ID <b>POR56</b>	Point of Reception ID <b>POR57</b>	Point of Reception ID <b>POR58</b>	Point of Reception ID <b>POR59</b>
Point of Reception Description Vacant Lot Receptor 06	Point of Reception Description Vacant Lot Receptor 07	Point of Reception Description Vacant Lot Receptor 08	Point of Reception Description Vacant Lot Receptor 09	Point of Reception Description Vacant Lot Receptor 10
Point of reception coordinates X Y Z <sup>[5]</sup> 366663 4908145 136.6	Point of reception coordinates X Y Z <sup>[5]</sup> 367428 4908096 136.5	Point of reception coordinates X Y Z <sup>[5]</sup> 366635 4908622 141.1	Point of reception coordinates X Y Z <sup>[5]</sup> 367016 4910060 141.0	Point of reception coordinates X Y Z <sup>[5]</sup> 367266 4910349 142.7

Source ID <sup>[1]</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 6		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3168	0	dBA
3169	0	dBA
3171	0	dBA
3573	0	dBA
3574	0	dBA
3576	0	dBA
3553	0	dBA
3555	0	dBA
3557	0	dBA
3436	0	dBA
3437	0	dBA
3439	0	dBA
3306	0	dBA
3307	0	dBA
3310	0	dBA
3236	0	dBA
3237	0	dBA
3240	0	dBA
3468	0	dBA
3470	0	dBA
3472	0	dBA
3688	0	dBA
4753	0	dBA
4921	0	dBA
4906	0	dBA
5054	0	dBA
5040	0	dBA
5187	0	dBA
5174	0	dBA
5320	0	dBA
5309	0	dBA
5453	0	dBA
5445	0	dBA

Point of Reception 7		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
2500	0	dBA
2502	0	dBA
2504	0	dBA
2878	0	dBA
2879	0	dBA
2881	0	dBA
2879	0	dBA
2881	0	dBA
2883	0	dBA
2749	0	dBA
2751	0	dBA
2753	0	dBA
2628	0	dBA
2630	0	dBA
2632	0	dBA
2593	0	dBA
2595	0	dBA
2597	0	dBA
2812	0	dBA
2814	0	dBA
2816	0	dBA
3055	0	dBA
4771	0	dBA
4953	0	dBA
4915	0	dBA
5076	0	dBA
5039	0	dBA
5198	0	dBA
5164	0	dBA
5322	0	dBA
5289	0	dBA
5446	0	dBA
5417	0	dBA

Point of Reception 8		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3451	0	dBA
3453	0	dBA
3455	0	dBA
3829	0	dBA
3831	0	dBA
3833	0	dBA
3831	0	dBA
3832	0	dBA
3834	0	dBA
3701	0	dBA
3703	0	dBA
3705	0	dBA
3580	0	dBA
3582	0	dBA
3584	0	dBA
3539	0	dBA
3541	0	dBA
3543	0	dBA
3761	0	dBA
3763	0	dBA
3765	0	dBA
3999	0	dBA
5230	0	dBA
5397	0	dBA
5383	0	dBA
5531	0	dBA
5518	0	dBA
5664	0	dBA
5652	0	dBA
5797	0	dBA
5787	0	dBA
5931	0	dBA
5923	0	dBA

Point of Reception 9		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4227	0	dBA
4230	0	dBA
4231	0	dBA
4503	0	dBA
4505	0	dBA
4507	0	dBA
4564	0	dBA
4567	0	dBA
4568	0	dBA
4407	0	dBA
4410	0	dBA
4412	0	dBA
4319	0	dBA
4322	0	dBA
4323	0	dBA
4366	0	dBA
4369	0	dBA
4370	0	dBA
4544	0	dBA
4547	0	dBA
4549	0	dBA
4821	0	dBA
6679	0	dBA
6851	0	dBA
6829	0	dBA
6982	0	dBA
6961	0	dBA
7112	0	dBA
7092	0	dBA
7242	0	dBA
7223	0	dBA
7373	0	dBA
7356	0	dBA

Point of Reception 10		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
4338	0	dBA
4341	0	dBA
4343	0	dBA
4582	0	dBA
4585	0	dBA
4587	0	dBA
4658	0	dBA
4661	0	dBA
4663	0	dBA
4497	0	dBA
4500	0	dBA
4502	0	dBA
4419	0	dBA
4422	0	dBA
4423	0	dBA
4487	0	dBA
4491	0	dBA
4492	0	dBA
4652	0	dBA
4655	0	dBA
4657	0	dBA
4935	0	dBA
6985	0	dBA
7161	0	dBA
7134	0	dBA
7290	0	dBA
7263	0	dBA
7417	0	dBA
7392	0	dBA
7545	0	dBA
7522	0	dBA
7674	0	dBA
7653	0	dBA



**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR60</b>	Point of Reception ID <b>POR61</b>	Point of Reception ID <b>POR62</b>	Point of Reception ID <b>POR63</b>	Point of Reception ID <b>POR64</b>
<b>Point of Reception Description</b> Vacant Lot Receptor 11	<b>Point of Reception Description</b> Vacant Lot Receptor 12	<b>Point of Reception Description</b> Vacant Lot Receptor 13	<b>Point of Reception Description</b> Vacant Lot Receptor 14	<b>Point of Reception Description</b> Vacant Lot Receptor 15
<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>	<b>Point of reception coordinates</b>
X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Y Z <sup>[3]</sup>	X Z Z <sup>[5]</sup>
367411 4910357 144.1	368878 4908170 136.6	369605 4908239 135.5	370422 4909603 138.0	370395 4909646 137.9

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_1_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 11		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
3489	0	dBA
3399	0	dBA
3325	0	dBA
2944	0	dBA
2822	0	dBA
2872	0	dBA
2950	0	dBA
3025	0	dBA
3111	0	dBA
3195	0	dBA
2180	0	dBA
2251	0	dBA
2322	0	dBA
2404	0	dBA
2491	0	dBA
1852	0	dBA
2099	0	dBA
2068	0	dBA
1250	0	dBA
1383	0	dBA
1526	0	dBA
1661	0	dBA
2196	11	dBA
3990	0	dBA
4074	0	dBA
4198	0	dBA
4087	0	dBA
4238	0	dBA
4331	0	dBA
4440	0	dBA
3162	0	dBA
3046	0	dBA
2921	0	dBA
2787	0	dBA
2711	0	dBA
2597	0	dBA
3440	0	dBA
3325	0	dBA
3230	0	dBA
3107	0	dBA
2985	0	dBA
2854	0	dBA
2779	0	dBA
2668	0	dBA
3493	0	dBA
3362	0	dBA
3222	0	dBA
3093	0	dBA

Point of Reception 12		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
1927	0	dBA
1946	0	dBA
1969	0	dBA
1824	0	dBA
1531	0	dBA
1421	0	dBA
1329	0	dBA
1262	0	dBA
1203	0	dBA
1164	0	dBA
1329	0	dBA
1204	0	dBA
1090	0	dBA
973	0	dBA
862	0	dBA
1156	0	dBA
1205	0	dBA
1008	0	dBA
2069	0	dBA
2001	0	dBA
1937	0	dBA
1886	0	dBA
1945	0	dBA
1430	0	dBA
1496	0	dBA
1599	0	dBA
1553	0	dBA
1667	0	dBA
1744	0	dBA
1838	0	dBA
1018	0	dBA
925	0	dBA
831	0	dBA
742	0	dBA
699	0	dBA
648	0	dBA
1137	0	dBA
1026	0	dBA
935	0	dBA
821	0	dBA
711	0	dBA
603	0	dBA
548	0	dBA
477	0	dBA
1080	0	dBA
944	0	dBA
800	0	dBA
668	0	dBA

Point of Reception 13		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
1264	0	dBA
1311	0	dBA
1360	0	dBA
1327	0	dBA
1054	0	dBA
911	0	dBA
770	0	dBA
655	0	dBA
545	0	dBA
464	0	dBA
1188	0	dBA
1050	0	dBA
923	0	dBA
786	0	dBA
651	0	dBA
1847	0	dBA
1928	0	dBA
1723	0	dBA
2706	0	dBA
2656	0	dBA
2611	0	dBA
2575	0	dBA
2672	0	dBA
973	0	dBA
1072	0	dBA
1218	0	dBA
1050	0	dBA
1220	0	dBA
1327	0	dBA
1453	0	dBA
1586	0	dBA
1524	0	dBA
1466	0	dBA
1413	0	dBA
1389	0	dBA
1361	0	dBA
1586	0	dBA
1505	0	dBA
1441	0	dBA
1366	0	dBA
1299	0	dBA
1238	0	dBA
1209	0	dBA
1174	0	dBA
1456	0	dBA
1354	0	dBA
1252	0	dBA
1167	0	dBA

Point of Reception 14		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[2]</sup>
645	0	dBA
508	0	dBA
393	0	dBA
284	0	dBA
576	0	dBA
694	0	dBA
821	0	dBA
939	0	dBA
1071	0	dBA
1197	0	dBA
1069	0	dBA
1097	0	dBA
1138	0	dBA
1195	0	dBA
1267	0	dBA
2844	0	dBA
3049	0	dBA
2832	0	dBA
3392	0	dBA
3408	0	dBA
3430	0	dBA
3458	0	dBA
3756	10	dBA
2244	0	dBA
2351	0	dBA
2507	0	dBA
2225	0	dBA
2423	0	dBA
2542	0	dBA
2680	0	dBA
3107	16	dBA
3024	16	dBA
2937	10	dBA
2847	0	dBA
2798	0	dBA
2726	0	dBA
3156	12	dBA
3064	16	dBA
2989	15	dBA
2895	0	dBA
2802	0	dBA
2707	0	dBA
2654	0	dBA
2578	0	dBA
3039	0	dBA
2928	0	dBA
2813	0	dBA
2708	0	dBA

Point of Reception 15		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup>
694	0	dBA
557	0	dBA
441	0	dBA
294	0	dBA
586	0	dBA
711	0	dBA
843	0	dBA
965	0	dBA
1099	0	dBA
1228	0	dBA
1051	0	dBA
1085	0	dBA
1131	0	dBA
1194	0	dBA
1270	0	dBA
2835	19	dBA
3044	15	dBA
2827	13	dBA
3371	18	dBA
3388	19	dBA
3413	20	dBA
3442	21	dBA
3746	21	dBA
2282	0	dBA
2389	0	dBA
2546	0	dBA
2265	0	dBA
2463	0	dBA
2582	0	dBA
2721	0	dBA
3120	17	dBA
3036	17	dBA
2947	12	dBA
2855	12	dBA
2805	12	dBA
2732	12	dBA
3173	16	dBA
3080	16	dBA
3005	16	dBA
2908	16	dBA
2815	16	dBA
2717	11	dBA
2664	11	dBA
2585	11	dBA
3059	0	dBA
2947	15	dBA
2830	15	dBA
2724	16	dBA



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR60</b>			Point of Reception ID <b>POR61</b>			Point of Reception ID <b>POR62</b>			Point of Reception ID <b>POR63</b>			Point of Reception ID <b>POR64</b>				
Point of Reception Description Vacant Lot Receptor 11			Point of Reception Description Vacant Lot Receptor 12			Point of Reception Description Vacant Lot Receptor 13			Point of Reception Description Vacant Lot Receptor 14			Point of Reception Description Vacant Lot Receptor 15				
Point of reception coordinates			Point of reception coordinates			Point of reception coordinates			Point of reception coordinates			Point of reception coordinates				
X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Y	Z <sup>(1)</sup>	X	Z	Z <sup>(1)</sup>		
367411	4910357	144.1	368878	4908170	136.6	369605	4908239	135.5	370422	4909603	138.0	370395	4909646	137.9		
Source ID <sup>(1)</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
P14A_U19	MVPP P14A_U19	2964	0	dB(A)	538	0	dB(A)	1093	0	dB(A)	2607	0	dB(A)	2620	10	dB(A)
P14A_U20	MVPP P14A_U20	2827	0	dB(A)	407	0	dB(A)	1028	0	dB(A)	2502	0	dB(A)	2513	10	dB(A)
P14A_U21	MVPP P14A_U21	2710	0	dB(A)	308	0	dB(A)	987	0	dB(A)	2415	0	dB(A)	2424	10	dB(A)
P14B_U1	MVPP P14B_U1	2997	0	dB(A)	1052	0	dB(A)	1688	0	dB(A)	3159	16	dB(A)	3169	19	dB(A)
P14B_U2	MVPP P14B_U2	2880	0	dB(A)	978	0	dB(A)	1640	0	dB(A)	3083	16	dB(A)	3091	19	dB(A)
P14B_U3	MVPP P14B_U3	2753	0	dB(A)	908	0	dB(A)	1596	0	dB(A)	3003	10	dB(A)	3009	13	dB(A)
P14B_U4	MVPP P14B_U4	2676	0	dB(A)	872	0	dB(A)	1574	0	dB(A)	2956	10	dB(A)	2961	13	dB(A)
P14B_U5	MVPP P14B_U5	2550	0	dB(A)	827	0	dB(A)	1546	0	dB(A)	2882	0	dB(A)	2886	13	dB(A)
P14B_U6	MVPP P14B_U6	2751	0	dB(A)	1085	0	dB(A)	1780	0	dB(A)	3169	11	dB(A)	3174	14	dB(A)
P14B_U7	MVPP P14B_U7	2623	0	dB(A)	1034	0	dB(A)	1747	0	dB(A)	3095	10	dB(A)	3098	14	dB(A)
P14B_U8	MVPP P14B_U8	2457	0	dB(A)	990	0	dB(A)	1717	0	dB(A)	3005	0	dB(A)	3006	14	dB(A)
P14C_U1	MVPP P14C_U1	3086	17	dB(A)	1521	15	dB(A)	2182	17	dB(A)	3621	19	dB(A)	3627	22	dB(A)
P14C_U2	MVPP P14C_U2	2967	17	dB(A)	1457	0	dB(A)	2136	17	dB(A)	3549	18	dB(A)	3554	22	dB(A)
P14C_U3	MVPP P14C_U3	2865	17	dB(A)	1411	0	dB(A)	2102	16	dB(A)	3490	18	dB(A)	3494	22	dB(A)
P14C_U4	MVPP P14C_U4	2910	16	dB(A)	1299	0	dB(A)	1977	16	dB(A)	3393	18	dB(A)	3399	21	dB(A)
P19_20_U1	MVPP P19/20_U1	4107	34	dB(A)	3314	32	dB(A)	3988	23	dB(A)	5391	19	dB(A)	5393	18	dB(A)
P19_U1	MVPP P19_U1	3995	30	dB(A)	3271	23	dB(A)	3954	15	dB(A)	5336	12	dB(A)	5337	13	dB(A)
P19_U2	MVPP P19_U2	3918	28	dB(A)	3264	21	dB(A)	3954	14	dB(A)	5318	11	dB(A)	5318	14	dB(A)
P19_U3	MVPP P19_U3	3835	26	dB(A)	3261	19	dB(A)	3959	13	dB(A)	5300	10	dB(A)	5299	14	dB(A)
P19_U4	MVPP P19_U4	4097	30	dB(A)	3462	28	dB(A)	4150	20	dB(A)	5520	17	dB(A)	5521	18	dB(A)
P19_U5	MVPP P19_U5	4017	23	dB(A)	3457	20	dB(A)	4152	12	dB(A)	5502	10	dB(A)	5501	13	dB(A)
P20_U1	MVPP P20_U1	4083	25	dB(A)	3650	24	dB(A)	4351	17	dB(A)	5678	15	dB(A)	5676	17	dB(A)
P21_U1	MVPP P21_U1	5543	7	dB(A)	4748	9	dB(A)	5385	7	dB(A)	6846	5	dB(A)	6852	0	dB(A)
P21_U2	MVPP P21_U2	5443	17	dB(A)	4715	20	dB(A)	5362	13	dB(A)	6808	12	dB(A)	6812	0	dB(A)
P21_U3	MVPP P21_U3	5360	17	dB(A)	4691	20	dB(A)	5347	13	dB(A)	6778	11	dB(A)	6781	0	dB(A)
P21_U4	MVPP P21_U4	5210	18	dB(A)	4642	20	dB(A)	5311	13	dB(A)	6716	11	dB(A)	6718	0	dB(A)
P21_U5	MVPP P21_U5	5151	18	dB(A)	4630	20	dB(A)	5305	13	dB(A)	6697	0	dB(A)	6698	0	dB(A)
P21_U6	MVPP P21_U6	5086	18	dB(A)	4619	20	dB(A)	5300	13	dB(A)	6679	0	dB(A)	6679	0	dB(A)
P21_U7	MVPP P21_U7	5024	18	dB(A)	4611	19	dB(A)	5297	13	dB(A)	6661	0	dB(A)	6661	0	dB(A)
P21_U8	MVPP P21_U8	4962	12	dB(A)	4605	13	dB(A)	5297	6	dB(A)	6646	0	dB(A)	6645	0	dB(A)
P21_U9	MVPP P21_U9	4885	12	dB(A)	4602	9	dB(A)	5300	6	dB(A)	6629	0	dB(A)	6626	0	dB(A)
P22_U1	MVPP P22_U1	5632	16	dB(A)	4891	18	dB(A)	5534	13	dB(A)	6987	0	dB(A)	6992	0	dB(A)
P22_U2	MVPP P22_U2	5528	16	dB(A)	4859	19	dB(A)	5512	13	dB(A)	6948	0	dB(A)	6951	0	dB(A)
P22_U3	MVPP P22_U3	5413	16	dB(A)	4836	19	dB(A)	5501	12	dB(A)	6914	0	dB(A)	6916	0	dB(A)
P22_U4	MVPP P22_U4	5303	17	dB(A)	4812	18	dB(A)	5487	12	dB(A)	6878	0	dB(A)	6879	0	dB(A)
P22_U5	MVPP P22_U5	5215	11	dB(A)	4798	13	dB(A)	5481	6	dB(A)	6853	0	dB(A)	6852	0	dB(A)
P22_U6	MVPP P22_U6	5163	11	dB(A)	4859	7	dB(A)	5551	5	dB(A)	6895	0	dB(A)	6893	0	dB(A)
P23_U1	MVPP P23_U1	5779	0	dB(A)	5094	17	dB(A)	5740	11	dB(A)	7187	0	dB(A)	7191	0	dB(A)
P23_U2	MVPP P23_U2	5692	15	dB(A)	5067	17	dB(A)	5722	11	dB(A)	7154	0	dB(A)	7157	0	dB(A)
P23_U3	MVPP P23_U3	5607	15	dB(A)	5045	17	dB(A)	5708	11	dB(A)	7124	0	dB(A)	7126	0	dB(A)
P23_U4	MVPP P23_U4	5525	16	dB(A)	5025	17	dB(A)	5696	0	dB(A)	7096	0	dB(A)	7097	0	dB(A)
P23_U5	MVPP P23_U5	5432	16	dB(A)	5008	17	dB(A)	5687	0	dB(A)	7068	0	dB(A)	7068	0	dB(A)
P23_U6	MVPP P23_U6	5354	10	dB(A)	4997	7	dB(A)	5683	0	dB(A)	7046	0	dB(A)	7045	0	dB(A)
P23_U7	MVPP P23_U7	5277	10	dB(A)	4988	7	dB(A)	5681	0	dB(A)	7025	0	dB(A)	7023	0	dB(A)
P24_U1	MVPP P24_U1	5850	11	dB(A)	4933	18	dB(A)	5548	12	dB(A)	7039	0	dB(A)	7046	0	dB(A)
P24_U2	MVPP P24_U2	5715	12	dB(A)	4828	15	dB(A)	5449	13	dB(A)	6932	0	dB(A)	6939	0	dB(A)
P24_U3	MVPP P24_U3	5728	12	dB(A)	4737	19	dB(A)	5343	14	dB(A)	6844	12	dB(A)	6852	0	dB(A)
TS	Transformer Station	2570	0	dB(A)	845	0	dB(A)	575	0	dB(A)	1266	0	dB(A)	1274	0	dB(A)
H1T	Hut 1 Transformer	4760	0	dB(A)	2151	0	dB(A)	2063	0	dB(A)	3504	0	dB(A)	3539	0	dB(A)
H1I1	Hut 1 Inverter 1	4763	0	dB(A)	2155	0	dB(A)	2068	0	dB(A)	3508	0	dB(A)	3544	0	dB(A)
H1I2	Hut 1 Inverter 2	4764	0	dB(A)	2156	0	dB(A)	2068	0	dB(A)	3508	0	dB(A)	3544	0	dB(A)
H2T	Hut 2 Transformer	4675	0	dB(A)	2089	0	dB(A)	2064	0	dB(A)	3546	0	dB(A)	3580	0	dB(A)
H2I1	Hut 2 Inverter 1	4679	0	dB(A)	2093	0	dB(A)	2069	0	dB(A)	3551	0	dB(A)	3585	0	dB(A)
H2I2	Hut 2 Inverter 2	4680	0	dB(A)	2094	0	dB(A)	2069	0	dB(A)	3550	0	dB(A)	3584	0	dB(A)
H3T	Hut 3 Transformer	4597	0	dB(A)	2042	0	dB(A)	2080	0	dB(A)	3597	0	dB(A)	3629	0	dB(A)
H3I1	Hut 3 Inverter 1	4601	0	dB(A)	2046	0	dB(A)	2085	0	dB(A)	3602	0	dB(A)	3634	0	dB(A)
H3I2	Hut 3 Inverter 2	4602	0	dB(A)	2047	0	dB(A)	2085	0	dB(A)	3601	0	dB(A)	3634	0	dB(A)

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR60</b>	Point of Reception ID <b>POR61</b>	Point of Reception ID <b>POR62</b>	Point of Reception ID <b>POR63</b>	Point of Reception ID <b>POR64</b>
<b>Point of Reception Description</b> Vacant Lot Receptor 11	<b>Point of Reception Description</b> Vacant Lot Receptor 12	<b>Point of Reception Description</b> Vacant Lot Receptor 13	<b>Point of Reception Description</b> Vacant Lot Receptor 14	<b>Point of Reception Description</b> Vacant Lot Receptor 15
<b>Point of reception coordinates</b> X Y Z <sup>(1)</sup> 367411 4910357 144.1	<b>Point of reception coordinates</b> X Y Z <sup>(1)</sup> 368878 4908170 136.6	<b>Point of reception coordinates</b> X Y Z <sup>(1)</sup> 369605 4908239 135.5	<b>Point of reception coordinates</b> X Y Z <sup>(1)</sup> 370422 4909603 138.0	<b>Point of reception coordinates</b> X Y Z <sup>(1)</sup> 370395 4909646 137.9

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 11		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
4275	0	dBA
4279	0	dBA
4280	0	dBA
4508	0	dBA
4511	0	dBA
4513	0	dBA
4589	0	dBA
4592	0	dBA
4593	0	dBA
4427	0	dBA
4430	0	dBA
4431	0	dBA
4352	0	dBA
4355	0	dBA
4357	0	dBA
4428	0	dBA
4432	0	dBA
4433	0	dBA
4588	0	dBA
4591	0	dBA
4592	0	dBA
4873	0	dBA
7008	0	dBA
7186	0	dBA
7156	0	dBA
7313	0	dBA
7284	0	dBA
7439	0	dBA
7411	0	dBA
7566	0	dBA
7540	0	dBA
7694	0	dBA
7669	0	dBA

Point of Reception 12		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
1677	0	dBA
1681	0	dBA
1682	0	dBA
1875	0	dBA
1879	0	dBA
1880	0	dBA
1963	0	dBA
1967	0	dBA
1968	0	dBA
1799	0	dBA
1802	0	dBA
1804	0	dBA
1735	0	dBA
1739	0	dBA
1740	0	dBA
1848	0	dBA
1853	0	dBA
1853	0	dBA
1978	0	dBA
1982	0	dBA
1983	0	dBA
2269	0	dBA
5279	0	dBA
5475	0	dBA
5400	0	dBA
5573	0	dBA
5501	0	dBA
5673	0	dBA
5602	0	dBA
5774	0	dBA
5706	0	dBA
5877	0	dBA
5812	0	dBA

Point of Reception 13		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
1667	0	dBA
1672	0	dBA
1672	0	dBA
1679	0	dBA
1683	0	dBA
1683	0	dBA
1825	0	dBA
1830	0	dBA
1830	0	dBA
1661	0	dBA
1665	0	dBA
1666	0	dBA
1657	0	dBA
1661	0	dBA
1661	0	dBA
1860	0	dBA
1865	0	dBA
1865	0	dBA
1901	0	dBA
1905	0	dBA
1905	0	dBA
2184	0	dBA
5685	0	dBA
5883	0	dBA
5794	0	dBA
5969	0	dBA
5883	0	dBA
6057	0	dBA
5973	0	dBA
6147	0	dBA
6065	0	dBA
6238	0	dBA
6159	0	dBA

Point of Reception 14		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(2)</sup>
3183	0	dBA
3188	0	dBA
3187	0	dBA
3070	0	dBA
3075	0	dBA
3074	0	dBA
3248	0	dBA
3253	0	dBA
3252	0	dBA
3100	0	dBA
3105	0	dBA
3105	0	dBA
3137	0	dBA
3142	0	dBA
3141	0	dBA
3375	0	dBA
3380	0	dBA
3379	0	dBA
3361	0	dBA
3366	0	dBA
3365	0	dBA
3619	0	dBA
7276	0	dBA
7473	0	dBA
7385	0	dBA
7559	0	dBA
7473	0	dBA
7647	0	dBA
7562	0	dBA
7736	0	dBA
7653	0	dBA
7826	0	dBA
7745	0	dBA

Point of Reception 15		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3215	0	dBA
3220	0	dBA
3219	0	dBA
3107	0	dBA
3112	0	dBA
3111	0	dBA
3284	0	dBA
3289	0	dBA
3288	0	dBA
3136	0	dBA
3141	0	dBA
3140	0	dBA
3170	0	dBA
3175	0	dBA
3175	0	dBA
3407	0	dBA
3412	0	dBA
3411	0	dBA
3396	0	dBA
3401	0	dBA
3400	0	dBA
3655	0	dBA
7298	0	dBA
7495	0	dBA
7407	0	dBA
7582	0	dBA
7496	0	dBA
7670	0	dBA
7586	0	dBA
7760	0	dBA
7677	0	dBA
7851	0	dBA
7771	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	
POR65	POR66	POR67	POR68	POR69	
<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	
Vacant Lot Receptor 16	Vacant Lot Receptor 17	Vacant Lot Receptor 18	Vacant Lot Receptor 19	Vacant Lot Receptor 20	
X	Y	Z <sup>[5]</sup>	X	Y	Z
368537	4906762	130.0	368747	4906779	128.0
X	Y	Z	X	Y	Z
368966	4906833	125.2	370294	4906668	126.3
X	Y	Z	X	Y	Z
370400	4906775	126.9			

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/U1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 16		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
3051	0	dBA
3117	0	dBA
3176	0	dBA
3140	0	dBA
2857	0	dBA
2721	0	dBA
2589	0	dBA
2478	0	dBA
2362	0	dBA
2258	0	dBA
2771	0	dBA
2641	0	dBA
2521	0	dBA
2393	0	dBA
2266	0	dBA
1935	21	dBA
1741	17	dBA
1712	15	dBA
2815	20	dBA
2694	21	dBA
2567	23	dBA
2451	24	dBA
2163	28	dBA
1659	0	dBA
1625	0	dBA
1587	0	dBA
1794	0	dBA
1741	0	dBA
1720	0	dBA
1705	0	dBA
609	17	dBA
722	18	dBA
847	12	dBA
983	13	dBA
1060	13	dBA
1178	13	dBA
336	16	dBA
456	16	dBA
555	16	dBA
685	17	dBA
814	17	dBA
953	11	dBA
1032	12	dBA
1151	12	dBA
377	0	dBA
506	15	dBA
649	16	dBA
785	16	dBA

Point of Reception 17		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
2898	0	dBA
2970	0	dBA
3034	0	dBA
3018	0	dBA
2740	0	dBA
2601	0	dBA
2463	0	dBA
2347	0	dBA
2225	0	dBA
2115	0	dBA
2699	0	dBA
2565	0	dBA
2441	0	dBA
2309	0	dBA
2178	0	dBA
2010	16	dBA
1839	11	dBA
1787	9	dBA
2916	17	dBA
2800	18	dBA
2679	22	dBA
2568	23	dBA
2312	25	dBA
1460	0	dBA
1421	0	dBA
1379	0	dBA
1593	0	dBA
1534	0	dBA
1510	0	dBA
1495	0	dBA
700	12	dBA
800	12	dBA
913	6	dBA
1039	7	dBA
1112	7	dBA
1223	7	dBA
398	0	dBA
501	0	dBA
591	0	dBA
712	11	dBA
836	12	dBA
970	6	dBA
1047	6	dBA
1164	6	dBA
333	0	dBA
471	0	dBA
620	0	dBA
758	0	dBA

Point of Reception 18		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
2719	0	dBA
2796	0	dBA
2865	0	dBA
2870	0	dBA
2598	0	dBA
2455	0	dBA
2313	0	dBA
2191	0	dBA
2063	0	dBA
1947	0	dBA
2603	0	dBA
2466	0	dBA
2340	0	dBA
2205	0	dBA
2070	0	dBA
2079	17	dBA
1934	11	dBA
1858	9	dBA
3006	19	dBA
2896	20	dBA
2781	22	dBA
2677	27	dBA
2457	25	dBA
1239	0	dBA
1198	0	dBA
1153	0	dBA
1370	0	dBA
1309	0	dBA
1285	0	dBA
1272	0	dBA
821	15	dBA
901	16	dBA
997	10	dBA
1108	11	dBA
1174	11	dBA
1276	11	dBA
530	0	dBA
602	0	dBA
672	0	dBA
773	0	dBA
881	0	dBA
1003	10	dBA
1075	10	dBA
1184	10	dBA
389	0	dBA
500	0	dBA
631	0	dBA
759	0	dBA

Point of Reception 19		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
2345	0	dBA
2467	0	dBA
2572	0	dBA
2756	0	dBA
2569	0	dBA
2423	0	dBA
2264	0	dBA
2126	0	dBA
1977	0	dBA
1839	0	dBA
2887	0	dBA
2753	0	dBA
2629	0	dBA
2497	0	dBA
2365	0	dBA
3133	17	dBA
3071	15	dBA
2935	14	dBA
4081	24	dBA
3993	25	dBA
3903	26	dBA
3821	28	dBA
3699	24	dBA
751	0	dBA
646	0	dBA
498	0	dBA
723	0	dBA
525	0	dBA
406	0	dBA
268	0	dBA
2091	0	dBA
2136	15	dBA
2192	10	dBA
2258	11	dBA
2298	11	dBA
2363	11	dBA
1839	0	dBA
1874	0	dBA
1909	0	dBA
1961	0	dBA
2019	0	dBA
2090	10	dBA
2133	10	dBA
2201	10	dBA
1664	0	dBA
1710	0	dBA
1771	0	dBA
1836	0	dBA

Point of Reception 20		
Distance (m)	Sound Level at PoR <sup>[5]</sup>	Units <sup>[4]</sup> (dBA)
2226	0	dBA
2351	0	dBA
2458	0	dBA
2656	0	dBA
2478	0	dBA
2334	0	dBA
2177	0	dBA
2039	0	dBA
1892	0	dBA
1755	0	dBA
2824	0	dBA
2691	0	dBA
2570	0	dBA
2440	0	dBA
2311	0	dBA
3158	17	dBA
3109	15	dBA
2965	9	dBA
4103	24	dBA
4019	26	dBA
3933	27	dBA
3856	29	dBA
3754	23	dBA
693	0	dBA
597	0	dBA
468	0	dBA
639	0	dBA
449	0	dBA
340	0	dBA
228	0	dBA
2163	0	dBA
2201	15	dBA
2249	10	dBA
2307	10	dBA
2344	11	dBA
2402	11	dBA
1922	0	dBA
1949	0	dBA
1977	0	dBA
2021	0	dBA
2072	0	dBA
2133	0	dBA
2172	10	dBA
2234	10	dBA
1743	0	dBA
1779	0	dBA
1829	0	dBA
1886	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR65</b>				Point of Reception ID <b>POR66</b>				Point of Reception ID <b>POR67</b>				Point of Reception ID <b>POR68</b>				Point of Reception ID <b>POR69</b>			
Point of Reception Description Vacant Lot Receptor 16				Point of Reception Description Vacant Lot Receptor 17				Point of Reception Description Vacant Lot Receptor 18				Point of Reception Description Vacant Lot Receptor 19				Point of Reception Description Vacant Lot Receptor 20			
X	Y	Z <sup>(2)</sup>		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
368537	4906762	130.0		368747	4906779	128.0		368966	4906833	125.2		370294	4906668	126.3		370400	4906775	126.9	
Source ID <sup>(1)</sup>	Source Description			Point of Reception 16			Point of Reception 17			Point of Reception 18			Point of Reception 19			Point of Reception 20			
	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	
P14A_U19	MVPP P14A_U19	922	11	dBA	898	0	dBA	891	0	dBA	1910	0	dBA	1950	0	dBA			
P14A_U20	MVPP P14A_U20	1069	11	dBA	1048	0	dBA	1035	0	dBA	1998	0	dBA	2028	0	dBA			
P14A_U21	MVPP P14A_U21	1197	11	dBA	1176	0	dBA	1160	0	dBA	2078	0	dBA	2101	0	dBA			
P14B_U1	MVPP P14B_U1	803	19	dBA	917	13	dBA	1047	16	dBA	2313	16	dBA	2381	16	dBA			
P14B_U2	MVPP P14B_U2	909	19	dBA	1010	14	dBA	1125	17	dBA	2360	17	dBA	2422	16	dBA			
P14B_U3	MVPP P14B_U3	1027	14	dBA	1117	8	dBA	1217	11	dBA	2417	11	dBA	2472	11	dBA			
P14B_U4	MVPP P14B_U4	1101	14	dBA	1184	8	dBA	1277	12	dBA	2455	12	dBA	2506	11	dBA			
P14B_U5	MVPP P14B_U5	1222	14	dBA	1297	8	dBA	1377	12	dBA	2520	12	dBA	2565	12	dBA			
P14B_U6	MVPP P14B_U6	1084	15	dBA	1202	9	dBA	1327	12	dBA	2568	12	dBA	2629	12	dBA			
P14B_U7	MVPP P14B_U7	1195	15	dBA	1303	9	dBA	1415	13	dBA	2625	13	dBA	2680	12	dBA			
P14B_U8	MVPP P14B_U8	1345	15	dBA	1439	9	dBA	1537	13	dBA	2706	13	dBA	2753	13	dBA			
P14C_U1	MVPP P14C_U1	1032	21	dBA	1210	16	dBA	1394	18	dBA	2719	18	dBA	2801	17	dBA			
P14C_U2	MVPP P14C_U2	1100	22	dBA	1268	16	dBA	1441	18	dBA	2752	18	dBA	2829	18	dBA			
P14C_U3	MVPP P14C_U3	1166	23	dBA	1324	17	dBA	1488	19	dBA	2785	19	dBA	2858	18	dBA			
P14C_U4	MVPP P14C_U4	1036	21	dBA	1186	15	dBA	1344	18	dBA	2636	18	dBA	2709	18	dBA			
P19_20_U1	MVPP P19/20_U1	2533	17	dBA	2743	17	dBA	2966	15	dBA	4279	0	dBA	4390	0	dBA			
P19_U1	MVPP P19_U1	2544	12	dBA	2754	12	dBA	2976	10	dBA	4297	10	dBA	4406	0	dBA			
P19_U2	MVPP P19_U2	2584	12	dBA	2794	12	dBA	3014	11	dBA	4341	10	dBA	4447	10	dBA			
P19_U3	MVPP P19_U3	2633	12	dBA	2842	13	dBA	3060	11	dBA	4391	11	dBA	4495	10	dBA			
P19_U4	MVPP P19_U4	2746	16	dBA	2956	17	dBA	3179	15	dBA	4498	0	dBA	4608	0	dBA			
P19_U5	MVPP P19_U5	2790	11	dBA	3000	12	dBA	3220	10	dBA	4546	10	dBA	4653	0	dBA			
P20_U1	MVPP P20_U1	3017	16	dBA	3226	17	dBA	3446	15	dBA	4774	0	dBA	4880	0	dBA			
P21_U1	MVPP P21_U1	3749	0	dBA	3950	0	dBA	4173	0	dBA	5390	0	dBA	5520	0	dBA			
P21_U2	MVPP P21_U2	3754	0	dBA	3957	0	dBA	4182	0	dBA	5416	0	dBA	5544	0	dBA			
P21_U3	MVPP P21_U3	3764	0	dBA	3969	0	dBA	4194	0	dBA	5442	0	dBA	5568	0	dBA			
P21_U4	MVPP P21_U4	3774	0	dBA	3982	0	dBA	4207	0	dBA	5476	0	dBA	5598	0	dBA			
P21_U5	MVPP P21_U5	3790	0	dBA	3998	0	dBA	4223	0	dBA	5500	0	dBA	5621	0	dBA			
P21_U6	MVPP P21_U6	3810	0	dBA	4019	0	dBA	4244	0	dBA	5529	0	dBA	5648	0	dBA			
P21_U7	MVPP P21_U7	3833	0	dBA	4042	0	dBA	4267	0	dBA	5560	0	dBA	5678	0	dBA			
P21_U8	MVPP P21_U8	3859	0	dBA	4068	0	dBA	4293	0	dBA	5593	0	dBA	5709	0	dBA			
P21_U9	MVPP P21_U9	3896	0	dBA	4107	0	dBA	4330	0	dBA	5638	0	dBA	5752	0	dBA			
P22_U1	MVPP P22_U1	3908	0	dBA	4109	0	dBA	4333	0	dBA	5554	0	dBA	5684	0	dBA			
P22_U2	MVPP P22_U2	3915	0	dBA	4119	0	dBA	4344	0	dBA	5581	0	dBA	5709	0	dBA			
P22_U3	MVPP P22_U3	3943	0	dBA	4149	0	dBA	4375	0	dBA	5631	0	dBA	5756	0	dBA			
P22_U4	MVPP P22_U4	3968	0	dBA	4176	0	dBA	4402	0	dBA	5674	0	dBA	5796	0	dBA			
P22_U5	MVPP P22_U5	3995	0	dBA	4204	0	dBA	4429	0	dBA	5714	0	dBA	5833	0	dBA			
P22_U6	MVPP P22_U6	4111	0	dBA	4320	0	dBA	4545	0	dBA	5842	0	dBA	5959	0	dBA			
P23_U1	MVPP P23_U1	4121	0	dBA	4323	0	dBA	4547	0	dBA	5768	0	dBA	5898	0	dBA			
P23_U2	MVPP P23_U2	4128	0	dBA	4331	0	dBA	4556	0	dBA	5791	0	dBA	5919	0	dBA			
P23_U3	MVPP P23_U3	4140	0	dBA	4345	0	dBA	4570	0	dBA	5819	0	dBA	5945	0	dBA			
P23_U4	MVPP P23_U4	4156	0	dBA	4362	0	dBA	4588	0	dBA	5849	0	dBA	5973	0	dBA			
P23_U5	MVPP P23_U5	4180	0	dBA	4388	0	dBA	4613	0	dBA	5888	0	dBA	6009	0	dBA			
P23_U6	MVPP P23_U6	4205	0	dBA	4414	0	dBA	4640	0	dBA	5924	0	dBA	6044	0	dBA			
P23_U7	MVPP P23_U7	4235	0	dBA	4444	0	dBA	4669	0	dBA	5963	0	dBA	6081	0	dBA			
P24_U1	MVPP P24_U1	3857	0	dBA	4052	0	dBA	4272	0	dBA	5445	0	dBA	5579	0	dBA			
P24_U2	MVPP P24_U2	3775	0	dBA	3972	0	dBA	4194	0	dBA	5382	0	dBA	5515	0	dBA			
P24_U3	MVPP P24_U3	3639	0	dBA	3832	0	dBA	4052	0	dBA	5218	0	dBA	5353	0	dBA			
TS	Transformer Station	2226	0	dBA	2132	0	dBA	2018	0	dBA	2286	0	dBA	2231	0	dBA			
H1T	Hut 1 Transformer	1291	0	dBA	1117	0	dBA	975	0	dBA	779	0	dBA	929	0	dBA			
H1I1	Hut 1 Inverter 1	1291	0	dBA	1119	0	dBA	978	0	dBA	783	0	dBA	933	0	dBA			
H1I2	Hut 1 Inverter 2	1294	0	dBA	1121	0	dBA	979	0	dBA	782	0	dBA	931	0	dBA			
H2T	Hut 2 Transformer	1131	0	dBA	969	0	dBA	850	0	dBA	928	0	dBA	1075	0	dBA			
H2I1	Hut 2 Inverter 1	1133	0	dBA	971	0	dBA	852	0	dBA	931	0	dBA	1079	0	dBA			
H2I2	Hut 2 Inverter 2	1135	0	dBA	973	0	dBA	854	0	dBA	929	0	dBA	1077	0	dBA			
H3T	Hut 3 Transformer	980	0	dBA	834	0	dBA	747	0	dBA	1086	0	dBA	1230	0	dBA			
H3I1	Hut 3 Inverter 1	982	0	dBA	837	0	dBA	751	0	dBA	1090	0	dBA	1234	0	dBA			
H3I2	Hut 3 Inverter 2	984	0	dBA	838	0	dBA	752	0	dBA	1087	0	dBA	1231	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR65</b>	Point of Reception ID <b>POR66</b>	Point of Reception ID <b>POR67</b>	Point of Reception ID <b>POR68</b>	Point of Reception ID <b>POR69</b>
Point of Reception Description Vacant Lot Receptor 16	Point of Reception Description Vacant Lot Receptor 17	Point of Reception Description Vacant Lot Receptor 18	Point of Reception Description Vacant Lot Receptor 19	Point of Reception Description Vacant Lot Receptor 20
X      Y      Z <sup>(2)</sup>	X      Y      Z	X      Y      Z	X      Y      Z	X      Y      Z
368537    4906762    130.0	368747    4906779    128.0	368966    4906833    125.2	370294    4906668    126.3	370400    4906775    126.9

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 16		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
899	0	dBA
899	0	dBA
901	0	dBA
1351	0	dBA
1350	0	dBA
1352	0	dBA
1279	0	dBA
1279	0	dBA
1282	0	dBA
1200	0	dBA
1199	0	dBA
1202	0	dBA
1055	0	dBA
1055	0	dBA
1057	0	dBA
923	0	dBA
924	0	dBA
926	0	dBA
1166	0	dBA
1166	0	dBA
1169	0	dBA
1362	0	dBA
3870	0	dBA
4068	0	dBA
3984	0	dBA
4158	0	dBA
4078	0	dBA
4251	0	dBA
4174	0	dBA
4346	0	dBA
4273	0	dBA
4444	0	dBA
4374	0	dBA

Point of Reception 17		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
700	0	dBA
700	0	dBA
702	0	dBA
1146	0	dBA
1146	0	dBA
1148	0	dBA
1084	0	dBA
1085	0	dBA
1087	0	dBA
996	0	dBA
996	0	dBA
998	0	dBA
853	0	dBA
853	0	dBA
855	0	dBA
745	0	dBA
746	0	dBA
748	0	dBA
981	0	dBA
982	0	dBA
985	0	dBA
1198	0	dBA
3992	0	dBA
4190	0	dBA
4101	0	dBA
4276	0	dBA
4190	0	dBA
4364	0	dBA
4281	0	dBA
4455	0	dBA
4376	0	dBA
4549	0	dBA
4473	0	dBA

Point of Reception 18		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
517	0	dBA
519	0	dBA
521	0	dBA
944	0	dBA
944	0	dBA
946	0	dBA
904	0	dBA
905	0	dBA
907	0	dBA
798	0	dBA
798	0	dBA
801	0	dBA
661	0	dBA
661	0	dBA
663	0	dBA
607	0	dBA
610	0	dBA
611	0	dBA
823	0	dBA
825	0	dBA
827	0	dBA
1070	0	dBA
4157	0	dBA
4355	0	dBA
4261	0	dBA
4436	0	dBA
4346	0	dBA
4520	0	dBA
4432	0	dBA
4607	0	dBA
4523	0	dBA
4696	0	dBA
4616	0	dBA

Point of Reception 19		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
880	0	dBA
881	0	dBA
879	0	dBA
427	0	dBA
429	0	dBA
426	0	dBA
579	0	dBA
582	0	dBA
579	0	dBA
577	0	dBA
579	0	dBA
576	0	dBA
722	0	dBA
724	0	dBA
721	0	dBA
951	0	dBA
954	0	dBA
952	0	dBA
747	0	dBA
750	0	dBA
748	0	dBA
850	0	dBA
4912	0	dBA
5104	0	dBA
4984	0	dBA
5154	0	dBA
5038	0	dBA
5208	0	dBA
5094	0	dBA
5265	0	dBA
5154	0	dBA
5326	0	dBA
5217	0	dBA

Point of Reception 20		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1000	0	dBA
1003	0	dBA
1000	0	dBA
558	0	dBA
561	0	dBA
559	0	dBA
722	0	dBA
725	0	dBA
723	0	dBA
703	0	dBA
706	0	dBA
704	0	dBA
845	0	dBA
848	0	dBA
845	0	dBA
1086	0	dBA
1089	0	dBA
1087	0	dBA
891	0	dBA
894	0	dBA
892	0	dBA
1001	0	dBA
5062	0	dBA
5254	0	dBA
5135	0	dBA
5304	0	dBA
5188	0	dBA
5359	0	dBA
5244	0	dBA
5416	0	dBA
5304	0	dBA
5476	0	dBA
5367	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR70	POR71	POR72	POR73	POR74										
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description										
Vacant Lot Receptor 21	Vacant Lot Receptor 22	Vacant Lot Receptor 23	Vacant Lot Receptor 24	Vacant Lot Receptor 25										
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z			
370645	4906988	128.5	366624	4908749	138.7	366705	4908451	141.3	366917	4907854	138.3	368426	4908150	135.8

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_U1	MVPP P7/9/10_U1
P7_9_U2	MVPP P7/9/10_U2
P7_9_U3	MVPP P7/9/10_U3
P7_9_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 21		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2002	0	dBA
2132	0	dBA
2243	0	dBA
2475	0	dBA
2324	0	dBA
2186	0	dBA
2034	0	dBA
1901	0	dBA
1760	0	dBA
1629	0	dBA
2731	0	dBA
2605	0	dBA
2489	0	dBA
2367	0	dBA
2246	0	dBA
3257	16	dBA
3235	9	dBA
3075	8	dBA
4190	24	dBA
4115	25	dBA
4038	25	dBA
3971	24	dBA
3909	14	dBA
696	0	dBA
637	0	dBA
577	0	dBA
584	0	dBA
465	0	dBA
423	0	dBA
415	0	dBA
2360	0	dBA
2385	0	dBA
2418	0	dBA
2461	0	dBA
2489	0	dBA
2535	5	dBA
2142	0	dBA
2155	0	dBA
2171	0	dBA
2199	0	dBA
2234	0	dBA
2279	0	dBA
2308	0	dBA
2356	0	dBA
1959	0	dBA
1977	0	dBA
2007	0	dBA
2045	0	dBA

Point of Reception 22		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4005	0	dBA
3970	0	dBA
3944	0	dBA
3642	0	dBA
3402	0	dBA
3369	0	dBA
3361	0	dBA
3363	0	dBA
3371	0	dBA
3385	0	dBA
2825	0	dBA
2803	0	dBA
2788	0	dBA
2779	0	dBA
2777	0	dBA
1178	16	dBA
1155	9	dBA
1324	8	dBA
597	26	dBA
517	26	dBA
463	25	dBA
453	24	dBA
618	13	dBA
3710	0	dBA
3754	0	dBA
3824	0	dBA
3844	0	dBA
3925	0	dBA
3978	0	dBA
4042	0	dBA
2205	0	dBA
2126	0	dBA
2045	0	dBA
1964	0	dBA
1920	0	dBA
1859	5	dBA
2504	0	dBA
2424	0	dBA
2360	0	dBA
2280	0	dBA
2204	0	dBA
2129	0	dBA
2089	0	dBA
2034	0	dBA
2638	0	dBA
2550	0	dBA
2461	0	dBA
2383	0	dBA

Point of Reception 23		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3953	0	dBA
3928	0	dBA
3911	0	dBA
3630	0	dBA
3377	0	dBA
3331	0	dBA
3308	0	dBA
3297	0	dBA
3292	0	dBA
3294	0	dBA
2832	0	dBA
2795	0	dBA
2766	0	dBA
2742	0	dBA
2724	0	dBA
1082	24	dBA
988	21	dBA
1185	18	dBA
790	22	dBA
672	24	dBA
556	26	dBA
465	28	dBA
329	30	dBA
3533	0	dBA
3571	0	dBA
3631	0	dBA
3671	0	dBA
3740	0	dBA
3785	0	dBA
3842	0	dBA
1959	18	dBA
1889	18	dBA
1819	13	dBA
1750	14	dBA
1715	14	dBA
1668	14	dBA
2253	16	dBA
2180	17	dBA
2122	17	dBA
2052	17	dBA
1988	18	dBA
1926	12	dBA
1895	13	dBA
1853	13	dBA
2396	15	dBA
2317	16	dBA
2239	16	dBA
2172	17	dBA

Point of Reception 24		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3874	0	dBA
3872	0	dBA
3873	0	dBA
3641	0	dBA
3365	0	dBA
3293	0	dBA
3241	0	dBA
3204	0	dBA
3170	0	dBA
3145	0	dBA
2903	0	dBA
2837	0	dBA
2781	0	dBA
2726	0	dBA
2677	0	dBA
1107	23	dBA
869	20	dBA
1085	17	dBA
1311	18	dBA
1174	23	dBA
1027	25	dBA
891	27	dBA
360	32	dBA
3192	0	dBA
3213	0	dBA
3250	0	dBA
3334	0	dBA
3374	0	dBA
3404	0	dBA
3443	0	dBA
1488	18	dBA
1446	18	dBA
1409	13	dBA
1382	13	dBA
1373	14	dBA
1368	14	dBA
1760	16	dBA
1708	17	dBA
1670	17	dBA
1629	17	dBA
1597	18	dBA
1573	12	dBA
1566	12	dBA
1561	13	dBA
1923	15	dBA
1869	16	dBA
1821	16	dBA
1786	16	dBA

Point of Reception 25		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2351	0	dBA
2359	0	dBA
2372	0	dBA
2186	0	dBA
1898	0	dBA
1804	0	dBA
1732	0	dBA
1681	0	dBA
1637	0	dBA
1608	0	dBA
1571	0	dBA
1467	0	dBA
1375	0	dBA
1285	0	dBA
1203	0	dBA
753	25	dBA
759	23	dBA
574	20	dBA
1697	20	dBA
1613	21	dBA
1533	22	dBA
1468	24	dBA
1493	23	dBA
1817	0	dBA
1869	0	dBA
1952	0	dBA
1949	0	dBA
2041	0	dBA
2103	0	dBA
2182	0	dBA
833	20	dBA
716	21	dBA
590	15	dBA
457	16	dBA
383	16	dBA
277	16	dBA
1057	18	dBA
938	18	dBA
838	19	dBA
709	19	dBA
580	20	dBA
441	14	dBA
362	14	dBA
244	15	dBA
1076	17	dBA
940	18	dBA
797	18	dBA
665	18	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR70</b>				Point of Reception ID <b>POR71</b>				Point of Reception ID <b>POR72</b>				Point of Reception ID <b>POR73</b>				Point of Reception ID <b>POR74</b>			
Point of Reception Description Vacant Lot Receptor 21				Point of Reception Description Vacant Lot Receptor 22				Point of Reception Description Vacant Lot Receptor 23				Point of Reception Description Vacant Lot Receptor 24				Point of Reception Description Vacant Lot Receptor 25			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
370645	4906988	128.5		366624	4908749	138.7		366705	4908451	141.3		366917	4907854	138.3		368426	4908150	135.8	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>			
P14A_U19	MVPP P14A_U19	2091	0	dBA	2311	0	dBA	2113	11	dBA	1762	11	dBA	536	13	dBA			
P14A_U20	MVPP P14A_U20	2150	0	dBA	2240	0	dBA	2057	12	dBA	1747	11	dBA	405	13	dBA			
P14A_U21	MVPP P14A_U21	2207	0	dBA	2186	0	dBA	2017	12	dBA	1746	12	dBA	307	13	dBA			
P14B_U1	MVPP P14B_U1	2570	0	dBA	1981	0	dBA	1733	19	dBA	1266	19	dBA	771	22	dBA			
P14B_U2	MVPP P14B_U2	2599	0	dBA	1901	0	dBA	1662	20	dBA	1228	20	dBA	666	23	dBA			
P14B_U3	MVPP P14B_U3	2636	5	dBA	1819	5	dBA	1592	15	dBA	1199	15	dBA	558	17	dBA			
P14B_U4	MVPP P14B_U4	2662	6	dBA	1771	6	dBA	1552	15	dBA	1187	15	dBA	498	18	dBA			
P14B_U5	MVPP P14B_U5	2707	6	dBA	1699	6	dBA	1496	15	dBA	1180	15	dBA	413	18	dBA			
P14B_U6	MVPP P14B_U6	2802	6	dBA	1699	6	dBA	1455	16	dBA	1026	16	dBA	706	19	dBA			
P14B_U7	MVPP P14B_U7	2841	6	dBA	1614	6	dBA	1384	16	dBA	1003	16	dBA	626	20	dBA			
P14B_U8	MVPP P14B_U8	2898	7	dBA	1515	7	dBA	1306	17	dBA	999	17	dBA	551	21	dBA			
P14C_U1	MVPP P14C_U1	3014	12	dBA	1789	0	dBA	1501	21	dBA	927	21	dBA	1169	24	dBA			
P14C_U2	MVPP P14C_U2	3032	12	dBA	1690	12	dBA	1408	22	dBA	854	22	dBA	1086	25	dBA			
P14C_U3	MVPP P14C_U3	3052	13	dBA	1607	12	dBA	1330	22	dBA	801	23	dBA	1022	27	dBA			
P14C_U4	MVPP P14C_U4	2903	12	dBA	1725	12	dBA	1457	21	dBA	946	21	dBA	935	25	dBA			
P19_20_U1	MVPP P19/20_U1	4652	0	dBA	2335	0	dBA	2074	0	dBA	1630	15	dBA	2922	15	dBA			
P19_U1	MVPP P19_U1	4662	0	dBA	2218	0	dBA	1962	10	dBA	1538	10	dBA	2870	10	dBA			
P19_U2	MVPP P19_U2	4699	0	dBA	2136	0	dBA	1887	10	dBA	1487	10	dBA	2856	10	dBA			
P19_U3	MVPP P19_U3	4742	0	dBA	2049	0	dBA	1808	10	dBA	1440	11	dBA	2845	10	dBA			
P19_U4	MVPP P19_U4	4865	0	dBA	2311	0	dBA	2070	0	dBA	1688	0	dBA	3057	0	dBA			
P19_U5	MVPP P19_U5	4905	0	dBA	2227	0	dBA	1995	0	dBA	1642	10	dBA	3045	0	dBA			
P20_U1	MVPP P20_U1	5130	0	dBA	2293	0	dBA	2083	0	dBA	1788	0	dBA	3230	0	dBA			
P21_U1	MVPP P21_U1	5814	0	dBA	3753	0	dBA	3521	0	dBA	3125	0	dBA	4381	0	dBA			
P21_U2	MVPP P21_U2	5833	0	dBA	3652	0	dBA	3427	0	dBA	3050	0	dBA	4339	0	dBA			
P21_U3	MVPP P21_U3	5854	0	dBA	3570	0	dBA	3351	0	dBA	2992	0	dBA	4308	0	dBA			
P21_U4	MVPP P21_U4	5879	0	dBA	3423	0	dBA	3215	0	dBA	2888	0	dBA	4248	0	dBA			
P21_U5	MVPP P21_U5	5899	0	dBA	3366	0	dBA	3164	0	dBA	2853	0	dBA	4231	0	dBA			
P21_U6	MVPP P21_U6	5923	0	dBA	3305	0	dBA	3110	0	dBA	2817	0	dBA	4215	0	dBA			
P21_U7	MVPP P21_U7	5949	0	dBA	3247	0	dBA	3059	0	dBA	2785	0	dBA	4202	0	dBA			
P21_U8	MVPP P21_U8	5977	0	dBA	3191	0	dBA	3010	0	dBA	2757	0	dBA	4192	0	dBA			
P21_U9	MVPP P21_U9	6016	0	dBA	3123	0	dBA	2952	0	dBA	2726	0	dBA	4183	0	dBA			
P22_U1	MVPP P22_U1	5976	0	dBA	3841	0	dBA	3617	0	dBA	3240	0	dBA	4519	0	dBA			
P22_U2	MVPP P22_U2	5998	0	dBA	3738	0	dBA	3522	0	dBA	3166	0	dBA	4478	0	dBA			
P22_U3	MVPP P22_U3	6040	0	dBA	3626	0	dBA	3420	0	dBA	3093	0	dBA	4445	0	dBA			
P22_U4	MVPP P22_U4	6075	0	dBA	3522	0	dBA	3326	0	dBA	3027	0	dBA	4413	0	dBA			
P22_U5	MVPP P22_U5	6108	0	dBA	3440	0	dBA	3254	0	dBA	2980	0	dBA	4392	0	dBA			
P22_U6	MVPP P22_U6	6228	0	dBA	3403	0	dBA	3233	0	dBA	2999	0	dBA	4444	0	dBA			
P23_U1	MVPP P23_U1	6191	0	dBA	3989	0	dBA	3774	0	dBA	3416	0	dBA	4718	0	dBA			
P23_U2	MVPP P23_U2	6209	0	dBA	3904	0	dBA	3696	0	dBA	3356	0	dBA	4684	0	dBA			
P23_U3	MVPP P23_U3	6231	0	dBA	3823	0	dBA	3622	0	dBA	3302	0	dBA	4655	0	dBA			
P23_U4	MVPP P23_U4	6256	0	dBA	3745	0	dBA	3551	0	dBA	3252	0	dBA	4629	0	dBA			
P23_U5	MVPP P23_U5	6288	0	dBA	3659	0	dBA	3475	0	dBA	3200	0	dBA	4605	0	dBA			
P23_U6	MVPP P23_U6	6319	0	dBA	3589	0	dBA	3413	0	dBA	3162	0	dBA	4588	0	dBA			
P23_U7	MVPP P23_U7	6351	0	dBA	3521	0	dBA	3355	0	dBA	3128	0	dBA	4574	0	dBA			
P24_U1	MVPP P24_U1	5881	0	dBA	4062	0	dBA	3821	0	dBA	3394	0	dBA	4584	0	dBA			
P24_U2	MVPP P24_U2	5814	0	dBA	3927	0	dBA	3687	0	dBA	3266	0	dBA	4474	0	dBA			
P24_U3	MVPP P24_U3	5655	0	dBA	3947	0	dBA	3696	0	dBA	3245	0	dBA	4396	0	dBA			
TS	Transformer Station	2165	0	dBA	2826	0	dBA	2765	0	dBA	2700	0	dBA	1209	0	dBA			
H1T	Hut 1 Transformer	1254	0	dBA	4000	0	dBA	3750	0	dBA	3238	0	dBA	2342	0	dBA			
H1I1	Hut 1 Inverter 1	1258	0	dBA	4002	0	dBA	3752	0	dBA	3240	0	dBA	2345	0	dBA			
H1I2	Hut 1 Inverter 2	1256	0	dBA	4004	0	dBA	3754	0	dBA	3242	0	dBA	2347	0	dBA			
H2T	Hut 2 Transformer	1397	0	dBA	3862	0	dBA	3608	0	dBA	3084	0	dBA	2249	0	dBA			
H2I1	Hut 2 Inverter 1	1401	0	dBA	3865	0	dBA	3610	0	dBA	3086	0	dBA	2253	0	dBA			
H2I2	Hut 2 Inverter 2	1399	0	dBA	3867	0	dBA	3612	0	dBA	3088	0	dBA	2254	0	dBA			
H3T	Hut 3 Transformer	1549	0	dBA	3729	0	dBA	3468	0	dBA	2933	0	dBA	2168	0	dBA			
H3I1	Hut 3 Inverter 1	1553	0	dBA	3731	0	dBA	3470	0	dBA	2935	0	dBA	2172	0	dBA			
H3I2	Hut 3 Inverter 2	1551	0	dBA	3733	0	dBA	3472	0	dBA	2937	0	dBA	2173	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR70</b>			Point of Reception ID <b>POR71</b>			Point of Reception ID <b>POR72</b>			Point of Reception ID <b>POR73</b>			Point of Reception ID <b>POR74</b>		
Point of Reception Description Vacant Lot Receptor 21			Point of Reception Description Vacant Lot Receptor 22			Point of Reception Description Vacant Lot Receptor 23			Point of Reception Description Vacant Lot Receptor 24			Point of Reception Description Vacant Lot Receptor 25		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
370645	4906988	128.5	366624	4908749	138.7	366705	4908451	141.3	366917	4907854	138.3	368426	4908150	135.8

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 21		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1292	0	dBA
1294	0	dBA
1292	0	dBA
869	0	dBA
873	0	dBA
870	0	dBA
1042	0	dBA
1045	0	dBA
1043	0	dBA
1007	0	dBA
1010	0	dBA
1007	0	dBA
1142	0	dBA
1145	0	dBA
1143	0	dBA
1395	0	dBA
1398	0	dBA
1396	0	dBA
1210	0	dBA
1214	0	dBA
1212	0	dBA
1324	0	dBA
5387	0	dBA
5578	0	dBA
5459	0	dBA
5628	0	dBA
5512	0	dBA
5682	0	dBA
5567	0	dBA
5739	0	dBA
5627	0	dBA
5798	0	dBA
5689	0	dBA

Point of Reception 22		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3536	0	dBA
3538	0	dBA
3540	0	dBA
3907	0	dBA
3909	0	dBA
3911	0	dBA
3914	0	dBA
3915	0	dBA
3917	0	dBA
3781	0	dBA
3783	0	dBA
3785	0	dBA
3662	0	dBA
3664	0	dBA
3666	0	dBA
3629	0	dBA
3631	0	dBA
3633	0	dBA
3848	0	dBA
3850	0	dBA
3852	0	dBA
4090	0	dBA
5357	0	dBA
5524	0	dBA
5510	0	dBA
5658	0	dBA
5645	0	dBA
5791	0	dBA
5779	0	dBA
5924	0	dBA
5914	0	dBA
6058	0	dBA
6050	0	dBA

Point of Reception 23		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3294	0	dBA
3296	0	dBA
3298	0	dBA
3680	0	dBA
3681	0	dBA
3684	0	dBA
3676	0	dBA
3678	0	dBA
3680	0	dBA
3550	0	dBA
3551	0	dBA
3553	0	dBA
3426	0	dBA
3428	0	dBA
3430	0	dBA
3378	0	dBA
3380	0	dBA
3382	0	dBA
3603	0	dBA
3604	0	dBA
3607	0	dBA
3836	0	dBA
5060	0	dBA
5228	0	dBA
5212	0	dBA
5362	0	dBA
5346	0	dBA
5494	0	dBA
5480	0	dBA
5626	0	dBA
5614	0	dBA
5759	0	dBA
5750	0	dBA

Point of Reception 24		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2806	0	dBA
2807	0	dBA
2809	0	dBA
3220	0	dBA
3221	0	dBA
3223	0	dBA
3192	0	dBA
3193	0	dBA
3196	0	dBA
3081	0	dBA
3081	0	dBA
3084	0	dBA
2948	0	dBA
2949	0	dBA
2951	0	dBA
2867	0	dBA
2868	0	dBA
2870	0	dBA
3102	0	dBA
3103	0	dBA
3105	0	dBA
3315	0	dBA
4471	0	dBA
4644	0	dBA
4621	0	dBA
4774	0	dBA
4752	0	dBA
4904	0	dBA
4884	0	dBA
5034	0	dBA
5015	0	dBA
5165	0	dBA
5149	0	dBA

Point of Reception 25		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1856	0	dBA
1859	0	dBA
1860	0	dBA
2136	0	dBA
2138	0	dBA
2140	0	dBA
2190	0	dBA
2193	0	dBA
2195	0	dBA
2035	0	dBA
2035	0	dBA
2038	0	dBA
2040	0	dBA
1945	0	dBA
1948	0	dBA
1950	0	dBA
2002	0	dBA
2006	0	dBA
2007	0	dBA
2172	0	dBA
2175	0	dBA
2177	0	dBA
2452	0	dBA
5084	0	dBA
5278	0	dBA
5213	0	dBA
5384	0	dBA
5322	0	dBA
5491	0	dBA
5431	0	dBA
5599	0	dBA
5542	0	dBA
5709	0	dBA
5655	0	dBA



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR75	POR76	POR77	POR78	POR79										
<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>	<b>Point of Reception Description</b>										
Vacant Lot Receptor 26	Vacant Lot Receptor 27	Vacant Lot Receptor 28	Vacant Lot Receptor 29	Vacant Lot Receptor 30										
X	Y	Z	X	Y	Z	X	Y	Z						
369797	4908147	131.5	367133	4906729	132.0	367483	4906764	132.0	367503	4906637	133.0	367326	4906616	132.3

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/U1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_U1	MVPP P7/9/10_U1
P7_9_U2	MVPP P7/9/10_U2
P7_9_U3	MVPP P7/9/10_U3
P7_9_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 26		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1179	0	dBA
1246	0	dBA
1311	0	dBA
1339	0	dBA
1090	0	dBA
940	0	dBA
785	0	dBA
652	0	dBA
514	0	dBA
392	0	dBA
1327	0	dBA
1193	0	dBA
1070	0	dBA
941	0	dBA
814	0	dBA
2052	25	dBA
2124	23	dBA
1922	20	dBA
2918	19	dBA
2867	21	dBA
2820	22	dBA
2782	23	dBA
2865	21	dBA
810	0	dBA
914	0	dBA
1067	0	dBA
869	0	dBA
1050	0	dBA
1162	0	dBA
1294	0	dBA
1700	21	dBA
1650	21	dBA
1604	16	dBA
1566	17	dBA
1549	17	dBA
1531	17	dBA
1665	19	dBA
1596	19	dBA
1543	20	dBA
1481	20	dBA
1428	20	dBA
1383	15	dBA
1363	15	dBA
1340	15	dBA
1520	18	dBA
1432	18	dBA
1347	19	dBA
1279	19	dBA

Point of Reception 27		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4158	0	dBA
4192	0	dBA
4225	0	dBA
4085	0	dBA
3793	0	dBA
3685	0	dBA
3589	0	dBA
3510	0	dBA
3431	0	dBA
3361	0	dBA
3489	0	dBA
3388	0	dBA
3297	0	dBA
3201	0	dBA
3109	0	dBA
1928	25	dBA
1640	24	dBA
1783	22	dBA
2430	19	dBA
2290	20	dBA
2141	21	dBA
2002	22	dBA
1498	18	dBA
3015	0	dBA
2996	0	dBA
2976	0	dBA
3156	0	dBA
3127	0	dBA
3115	0	dBA
3108	0	dBA
1319	23	dBA
1373	24	dBA
1440	18	dBA
1522	19	dBA
1571	19	dBA
1651	20	dBA
1422	20	dBA
1453	21	dBA
1486	21	dBA
1538	22	dBA
1599	22	dBA
1672	17	dBA
1718	17	dBA
1791	17	dBA
1602	19	dBA
1636	20	dBA
1685	20	dBA
1740	21	dBA

Point of Reception 28		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3848	0	dBA
3888	0	dBA
3925	0	dBA
3804	0	dBA
3512	0	dBA
3398	0	dBA
3294	0	dBA
3210	0	dBA
3123	0	dBA
3047	0	dBA
3247	0	dBA
3138	0	dBA
3040	0	dBA
2938	0	dBA
2838	15	dBA
1805	26	dBA
1524	26	dBA
1631	23	dBA
2431	19	dBA
2293	20	dBA
2145	21	dBA
2008	22	dBA
1551	18	dBA
2665	0	dBA
2645	0	dBA
2624	0	dBA
2806	0	dBA
2775	0	dBA
2763	0	dBA
2756	0	dBA
999	22	dBA
1067	23	dBA
1150	18	dBA
1248	19	dBA
1307	19	dBA
1400	20	dBA
1075	20	dBA
1114	20	dBA
1155	21	dBA
1219	22	dBA
1292	22	dBA
1380	17	dBA
1434	17	dBA
1519	17	dBA
1254	19	dBA
1295	19	dBA
1353	20	dBA
1419	20	dBA

Point of Reception 29		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
3907	0	dBA
3951	0	dBA
3991	0	dBA
3880	0	dBA
3588	0	dBA
3471	0	dBA
3364	0	dBA
3275	0	dBA
3185	0	dBA
3105	0	dBA
3340	0	dBA
3229	0	dBA
3128	10	dBA
3023	10	dBA
2920	16	dBA
1927	29	dBA
1648	32	dBA
1750	26	dBA
2560	20	dBA
2422	21	dBA
2274	22	dBA
2137	23	dBA
1677	18	dBA
2679	0	dBA
2653	0	dBA
2625	0	dBA
2818	0	dBA
2778	0	dBA
2760	0	dBA
2746	0	dBA
1060	21	dBA
1138	22	dBA
1230	17	dBA
1335	18	dBA
1398	19	dBA
1495	19	dBA
1103	19	dBA
1154	20	dBA
1205	20	dBA
1278	21	dBA
1361	22	dBA
1457	17	dBA
1514	17	dBA
1605	17	dBA
1276	18	dBA
1329	19	dBA
1400	20	dBA
1476	20	dBA

Point of Reception 30		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4061	0	dBA
4103	0	dBA
4141	0	dBA
4020	0	dBA
3727	0	dBA
3613	0	dBA
3510	0	dBA
3425	0	dBA
3338	0	dBA
3261	0	dBA
3459	17	dBA
3351	18	dBA
3254	12	dBA
3152	12	dBA
3053	18	dBA
1981	33	dBA
1696	21	dBA
1817	23	dBA
2555	18	dBA
2416	19	dBA
2267	19	dBA
2129	19	dBA
1645	10	dBA
2855	0	dBA
2831	0	dBA
2803	0	dBA
2994	0	dBA
2956	0	dBA
2939	0	dBA
2925	0	dBA
1212	18	dBA
1282	19	dBA
1365	14	dBA
1463	15	dBA
1520	16	dBA
1611	17	dBA
1274	16	dBA
1320	17	dBA
1365	18	dBA
1432	18	dBA
1507	19	dBA
1596	14	dBA
1649	15	dBA
1733	16	dBA
1449	16	dBA
1498	17	dBA
1562	18	dBA
1632	18	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR75</b>				Point of Reception ID <b>POR76</b>				Point of Reception ID <b>POR77</b>				Point of Reception ID <b>POR78</b>				Point of Reception ID <b>POR79</b>			
Point of Reception Description Vacant Lot Receptor 26				Point of Reception Description Vacant Lot Receptor 27				Point of Reception Description Vacant Lot Receptor 28				Point of Reception Description Vacant Lot Receptor 29				Point of Reception Description Vacant Lot Receptor 30			
X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z	
369797	4908147	131.5		367133	4906729	132.0		367483	4906764	132.0		367503	4906637	133.0		367326	4906616	132.3	
Source ID <sup>[1]</sup>	Source Description	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>	Distance (m)	Sound Level at PoR <sup>[3]</sup> (dBA)	Units <sup>[4]</sup>			
P14A_U19	MVPP P14A_U19	1223	14	dBA	1805	15	dBA	1495	15	dBA	1561	15	dBA	1710	14	dBA			
P14A_U20	MVPP P14A_U20	1178	14	dBA	1883	16	dBA	1587	15	dBA	1660	15	dBA	1802	14	dBA			
P14A_U21	MVPP P14A_U21	1154	14	dBA	1957	16	dBA	1673	16	dBA	1752	16	dBA	1888	15	dBA			
P14B_U1	MVPP P14B_U1	1823	23	dBA	1216	25	dBA	929	25	dBA	1014	23	dBA	1145	19	dBA			
P14B_U2	MVPP P14B_U2	1785	24	dBA	1286	26	dBA	1017	26	dBA	1108	25	dBA	1230	20	dBA			
P14B_U3	MVPP P14B_U3	1752	19	dBA	1370	22	dBA	1118	21	dBA	1216	20	dBA	1329	15	dBA			
P14B_U4	MVPP P14B_U4	1737	19	dBA	1424	22	dBA	1183	22	dBA	1284	21	dBA	1392	16	dBA			
P14B_U5	MVPP P14B_U5	1718	19	dBA	1518	23	dBA	1292	22	dBA	1397	22	dBA	1498	17	dBA			
P14B_U6	MVPP P14B_U6	1937	20	dBA	1218	24	dBA	994	23	dBA	1101	21	dBA	1198	15	dBA			
P14B_U7	MVPP P14B_U7	1914	21	dBA	1316	26	dBA	1109	25	dBA	1220	23	dBA	1310	16	dBA			
P14B_U8	MVPP P14B_U8	1895	22	dBA	1450	27	dBA	1263	27	dBA	1377	26	dBA	1459	18	dBA			
P14C_U1	MVPP P14C_U1	2320	25	dBA	753	26	dBA	541	25	dBA	659	23	dBA	737	18	dBA			
P14C_U2	MVPP P14C_U2	2282	26	dBA	842	28	dBA	655	27	dBA	775	24	dBA	844	19	dBA			
P14C_U3	MVPP P14C_U3	2256	28	dBA	922	30	dBA	753	28	dBA	874	26	dBA	938	19	dBA			
P14C_U4	MVPP P14C_U4	2125	26	dBA	987	29	dBA	768	27	dBA	880	25	dBA	969	19	dBA			
P19_20_U1	MVPP P19/20_U1	4124	0	dBA	1138	0	dBA	1489	0	dBA	1491	0	dBA	1313	0	dBA			
P19_U1	MVPP P19_U1	4095	10	dBA	1140	0	dBA	1493	0	dBA	1506	0	dBA	1328	0	dBA			
P19_U2	MVPP P19_U2	4100	10	dBA	1179	0	dBA	1530	0	dBA	1552	0	dBA	1376	0	dBA			
P19_U3	MVPP P19_U3	4109	10	dBA	1231	0	dBA	1579	0	dBA	1609	0	dBA	1436	0	dBA			
P19_U4	MVPP P19_U4	4293	0	dBA	1343	0	dBA	1696	0	dBA	1707	0	dBA	1530	0	dBA			
P19_U5	MVPP P19_U5	4300	0	dBA	1385	0	dBA	1736	0	dBA	1756	0	dBA	1580	0	dBA			
P20_U1	MVPP P20_U1	4503	0	dBA	1612	0	dBA	1963	0	dBA	1985	0	dBA	1809	0	dBA			
P21_U1	MVPP P21_U1	5500	0	dBA	2489	0	dBA	2804	0	dBA	2759	0	dBA	2594	0	dBA			
P21_U2	MVPP P21_U2	5482	0	dBA	2465	0	dBA	2789	0	dBA	2750	0	dBA	2581	0	dBA			
P21_U3	MVPP P21_U3	5471	0	dBA	2453	0	dBA	2783	0	dBA	2750	0	dBA	2579	0	dBA			
P21_U4	MVPP P21_U4	5442	0	dBA	2430	0	dBA	2769	0	dBA	2746	0	dBA	2571	0	dBA			
P21_U5	MVPP P21_U5	5439	0	dBA	2433	0	dBA	2775	0	dBA	2757	0	dBA	2581	0	dBA			
P21_U6	MVPP P21_U6	5437	0	dBA	2441	0	dBA	2786	0	dBA	2773	0	dBA	2596	0	dBA			
P21_U7	MVPP P21_U7	5438	0	dBA	2454	0	dBA	2802	0	dBA	2793	0	dBA	2616	0	dBA			
P21_U8	MVPP P21_U8	5441	0	dBA	2471	0	dBA	2821	0	dBA	2818	0	dBA	2639	0	dBA			
P21_U9	MVPP P21_U9	5448	0	dBA	2500	0	dBA	2852	0	dBA	2855	0	dBA	2676	0	dBA			
P22_U1	MVPP P22_U1	5651	0	dBA	2637	0	dBA	2956	0	dBA	2913	0	dBA	2747	0	dBA			
P22_U2	MVPP P22_U2	5634	0	dBA	2616	0	dBA	2943	0	dBA	2907	0	dBA	2737	0	dBA			
P22_U3	MVPP P22_U3	5629	0	dBA	2613	0	dBA	2949	0	dBA	2921	0	dBA	2748	0	dBA			
P22_U4	MVPP P22_U4	5621	0	dBA	2614	0	dBA	2956	0	dBA	2937	0	dBA	2761	0	dBA			
P22_U5	MVPP P22_U5	5620	0	dBA	2625	0	dBA	2971	0	dBA	2959	0	dBA	2781	0	dBA			
P22_U6	MVPP P22_U6	5696	0	dBA	2725	0	dBA	3075	0	dBA	3070	0	dBA	2892	0	dBA			
P23_U1	MVPP P23_U1	5860	0	dBA	2843	0	dBA	3165	0	dBA	3124	0	dBA	2957	0	dBA			
P23_U2	MVPP P23_U2	5846	0	dBA	2827	0	dBA	3155	0	dBA	3119	0	dBA	2949	0	dBA			
P23_U3	MVPP P23_U3	5836	0	dBA	2818	0	dBA	3152	0	dBA	3122	0	dBA	2950	0	dBA			
P23_U4	MVPP P23_U4	5828	0	dBA	2816	0	dBA	3154	0	dBA	3130	0	dBA	2956	0	dBA			
P23_U5	MVPP P23_U5	5824	0	dBA	2821	0	dBA	3165	0	dBA	3147	0	dBA	2971	0	dBA			
P23_U6	MVPP P23_U6	5823	0	dBA	2833	0	dBA	3180	0	dBA	3168	0	dBA	2991	0	dBA			
P23_U7	MVPP P23_U7	5825	0	dBA	2851	0	dBA	3201	0	dBA	3194	0	dBA	3016	0	dBA			
P24_U1	MVPP P24_U1	5652	0	dBA	2670	0	dBA	2964	0	dBA	2906	0	dBA	2750	0	dBA			
P24_U2	MVPP P24_U2	5557	0	dBA	2564	0	dBA	2865	0	dBA	2811	0	dBA	2652	0	dBA			
P24_U3	MVPP P24_U3	5444	0	dBA	2476	0	dBA	2762	0	dBA	2700	0	dBA	2547	0	dBA			
TS	Transformer Station	733	0	dBA	3103	0	dBA	2825	24	dBA	2904	25	dBA	3041	28	dBA			
H1T	Hut 1 Transformer	1973	0	dBA	2614	0	dBA	2282	0	dBA	2233	0	dBA	2403	0	dBA			
H1I1	Hut 1 Inverter 1	1978	0	dBA	2614	0	dBA	2281	0	dBA	2232	0	dBA	2402	0	dBA			
H1I2	Hut 1 Inverter 2	1977	0	dBA	2617	0	dBA	2284	0	dBA	2235	0	dBA	2405	0	dBA			
H2T	Hut 2 Transformer	1991	0	dBA	2437	0	dBA	2106	0	dBA	2055	0	dBA	2224	0	dBA			
H2I1	Hut 2 Inverter 1	1996	0	dBA	2437	0	dBA	2106	0	dBA	2055	0	dBA	2224	0	dBA			
H2I2	Hut 2 Inverter 2	1996	0	dBA	2439	0	dBA	2109	0	dBA	2057	0	dBA	2226	0	dBA			
H3T	Hut 3 Transformer	2026	0	dBA	2260	0	dBA	1932	0	dBA	1878	0	dBA	2046	0	dBA			
H3I1	Hut 3 Inverter 1	2030	0	dBA	2260	0	dBA	1933	0	dBA	1878	0	dBA	2046	0	dBA			
H3I2	Hut 3 Inverter 2	2030	0	dBA	2263	0	dBA	1935	0	dBA	1881	0	dBA	2049	0	dBA			

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

**Point of Reception ID**  
**POR75**

**Point of Reception Description**  
Vacant Lot Receptor 26

X	Y	Z
369797	4908147	131.5

**Point of Reception ID**  
**POR76**

**Point of Reception Description**  
Vacant Lot Receptor 27

X	Y	Z
367133	4906729	132.0

**Point of Reception ID**  
**POR77**

**Point of Reception Description**  
Vacant Lot Receptor 28

X	Y	Z
367483	4906764	132.0

**Point of Reception ID**  
**POR78**

**Point of Reception Description**  
Vacant Lot Receptor 29

X	Y	Z
367503	4906637	133.0

**Point of Reception ID**  
**POR79**

**Point of Reception Description**  
Vacant Lot Receptor 30

X	Y	Z
367326	4906616	132.3

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 26		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1610	0	dBA
1615	0	dBA
1614	0	dBA
1567	0	dBA
1571	0	dBA
1571	0	dBA
1726	0	dBA
1731	0	dBA
1731	0	dBA
1566	0	dBA
1571	0	dBA
1571	0	dBA
1580	0	dBA
1585	0	dBA
1585	0	dBA
1803	0	dBA
1808	0	dBA
1808	0	dBA
1817	0	dBA
1822	0	dBA
1822	0	dBA
2093	0	dBA
5711	0	dBA
5909	0	dBA
5816	0	dBA
5991	0	dBA
5900	0	dBA
6075	0	dBA
5986	0	dBA
6161	0	dBA
6075	0	dBA
6248	0	dBA
6165	0	dBA

Point of Reception 27		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2291	0	dBA
2290	0	dBA
2292	0	dBA
2747	0	dBA
2746	0	dBA
2749	0	dBA
2656	0	dBA
2655	0	dBA
2658	0	dBA
2595	0	dBA
2594	0	dBA
2597	0	dBA
2449	0	dBA
2448	0	dBA
2450	0	dBA
2276	0	dBA
2275	0	dBA
2278	0	dBA
2522	0	dBA
2521	0	dBA
2524	0	dBA
2657	0	dBA
3374	0	dBA
3555	0	dBA
3519	0	dBA
3679	0	dBA
3646	0	dBA
3803	0	dBA
3772	0	dBA
3928	0	dBA
3900	0	dBA
4055	0	dBA
4030	0	dBA

Point of Reception 28		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1944	0	dBA
1943	0	dBA
1945	0	dBA
2400	0	dBA
2399	0	dBA
2401	0	dBA
2313	0	dBA
2312	0	dBA
2315	0	dBA
2248	0	dBA
2247	0	dBA
2249	0	dBA
2102	0	dBA
2101	0	dBA
2103	0	dBA
1936	0	dBA
1936	0	dBA
1938	0	dBA
2182	0	dBA
2182	0	dBA
2185	0	dBA
2329	0	dBA
3477	0	dBA
3665	0	dBA
3616	0	dBA
3781	0	dBA
3735	0	dBA
3898	0	dBA
3855	0	dBA
4017	0	dBA
3976	0	dBA
4137	0	dBA
4100	0	dBA

Point of Reception 29		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
1916	0	dBA
1915	0	dBA
1917	0	dBA
2373	0	dBA
2372	0	dBA
2375	0	dBA
2277	0	dBA
2277	0	dBA
2279	0	dBA
2221	0	dBA
2220	0	dBA
2222	0	dBA
2075	0	dBA
2073	0	dBA
2076	0	dBA
1896	0	dBA
1895	0	dBA
1898	0	dBA
2141	0	dBA
2141	0	dBA
2143	0	dBA
2275	0	dBA
3359	0	dBA
3548	0	dBA
3497	0	dBA
3663	0	dBA
3615	0	dBA
3779	0	dBA
3734	0	dBA
3896	0	dBA
3854	0	dBA
4016	0	dBA
3977	0	dBA

Point of Reception 30		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
2093	0	dBA
2092	0	dBA
2094	0	dBA
2550	0	dBA
2549	0	dBA
2552	0	dBA
2452	0	dBA
2452	0	dBA
2454	0	dBA
2398	0	dBA
2397	0	dBA
2399	0	dBA
2252	0	dBA
2250	0	dBA
2253	0	dBA
2070	0	dBA
2069	0	dBA
2071	0	dBA
2315	0	dBA
2314	0	dBA
2317	0	dBA
2442	0	dBA
3298	0	dBA
3483	0	dBA
3439	0	dBA
3602	0	dBA
3561	0	dBA
3722	0	dBA
3683	0	dBA
3843	0	dBA
3808	0	dBA
3966	0	dBA
3934	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID										
POR80	0	0	0	0										
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description										
Vacant Lot Receptor 31	0	0	0	0										
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z			
367154	4906611	131.5	0	0	0.0	370422	0	0.0	0	0	0.0	0	0	0.0

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 31		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4205	0	dBA
4243	0	dBA
4278	0	dBA
4148	0	dBA
3855	0	dBA
3744	12	dBA
3644	10	dBA
3563	10	dBA
3479	6	dBA
3405	6	dBA
3567	17	dBA
3463	17	dBA
3369	12	dBA
3271	13	dBA
3175	19	dBA
2032	26	dBA
1745	20	dBA
1881	23	dBA
2548	17	dBA
2409	18	dBA
2260	18	dBA
2121	19	dBA
1618	13	dBA
3022	12	dBA
2999	15	dBA
2973	0	dBA
3162	0	dBA
3125	0	dBA
3109	0	dBA
3096	0	dBA
1358	24	dBA
1420	25	dBA
1496	21	dBA
1585	23	dBA
1638	25	dBA
1723	29	dBA
1436	21	dBA
1477	22	dBA
1517	23	dBA
1578	25	dBA
1646	26	dBA
1727	22	dBA
1777	24	dBA
1855	26	dBA
1613	21	dBA
1657	22	dBA
1715	23	dBA
1779	25	dBA

Point of Reception 32		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	0	dBA
4923086	0	dBA
4923192	0	dBA
4923361	0	dBA
4923142	10	dBA
4922992	12	dBA
4922834	10	dBA
4922695	11	dBA
4922547	6	dBA
4922409	7	dBA
4923280	17	dBA
4923141	18	dBA
4923013	12	dBA
4922875	13	dBA
4922736	19	dBA
4922302	25	dBA
4922027	20	dBA
4922112	22	dBA
4922861	17	dBA
4922723	18	dBA
4922574	18	dBA
4922436	19	dBA
4921910	13	dBA
4921321	12	dBA
4921212	15	dBA
4921055	0	dBA
4921333	0	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	23	dBA
4921246	25	dBA
4921375	21	dBA
4921513	23	dBA
4921592	25	dBA
4921710	28	dBA
4920914	21	dBA
4921033	22	dBA
4921132	23	dBA
4921260	25	dBA
4921389	26	dBA
4921527	23	dBA
4921606	24	dBA
4921724	27	dBA
4920938	21	dBA
4921077	22	dBA
4921225	23	dBA
4921363	25	dBA

Point of Reception 33		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4908990	0	dBA
4909119	0	dBA
4909228	0	dBA
4909423	5	dBA
4909219	7	dBA
4909070	14	dBA
4908911	8	dBA
4908772	9	dBA
4908622	9	dBA
4908483	9	dBA
4909404	15	dBA
4909265	16	dBA
4909135	10	dBA
4908997	11	dBA
4908857	18	dBA
4908544	21	dBA
4908276	15	dBA
4908345	17	dBA
4909159	15	dBA
4909019	16	dBA
4908870	16	dBA
4908731	16	dBA
4908215	10	dBA
4907387	14	dBA
4907278	18	dBA
4907119	17	dBA
4907387	13	dBA
4907188	17	dBA
4907069	11	dBA
4906930	10	dBA
4907326	22	dBA
4907445	23	dBA
4907575	19	dBA
4907714	20	dBA
4907793	21	dBA
4907912	21	dBA
4907097	21	dBA
4907216	22	dBA
4907316	23	dBA
4907445	25	dBA
4907575	26	dBA
4907714	22	dBA
4907793	23	dBA
4907912	25	dBA
4907107	21	dBA
4907247	23	dBA
4907396	24	dBA
4907535	26	dBA

Point of Reception 34		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	0	dBA
4923086	0	dBA
4923192	0	dBA
4923361	0	dBA
4923142	11	dBA
4922992	13	dBA
4922834	12	dBA
4922695	12	dBA
4922547	8	dBA
4922409	8	dBA
4923280	19	dBA
4923141	19	dBA
4923013	14	dBA
4922875	15	dBA
4922736	21	dBA
4922302	25	dBA
4922027	18	dBA
4922112	20	dBA
4922861	17	dBA
4922723	17	dBA
4922574	18	dBA
4922436	18	dBA
4921910	12	dBA
4921321	12	dBA
4921212	12	dBA
4921055	0	dBA
4921333	11	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	21	dBA
4921246	22	dBA
4921375	18	dBA
4921513	19	dBA
4921592	20	dBA
4921710	22	dBA
4920914	20	dBA
4921033	20	dBA
4921132	21	dBA
4921260	23	dBA
4921389	24	dBA
4921527	20	dBA
4921606	21	dBA
4921724	23	dBA
4920938	19	dBA
4921077	21	dBA
4921225	22	dBA
4921363	23	dBA

Point of Reception 35		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	12	dBA
4923086	6	dBA
4923192	6	dBA
4923361	7	dBA
4923142	13	dBA
4922992	20	dBA
4922834	10	dBA
4922695	14	dBA
4922547	14	dBA
4922409	10	dBA
4923280	22	dBA
4923141	23	dBA
4923013	18	dBA
4922875	19	dBA
4922736	26	dBA
4922302	21	dBA
4922027	14	dBA
4922112	16	dBA
4922861	16	dBA
4922723	16	dBA
4922574	16	dBA
4922436	16	dBA
4921910	10	dBA
4921321	13	dBA
4921212	12	dBA
4921055	12	dBA
4921333	12	dBA
4921135	11	dBA
4921015	0	dBA
4920877	0	dBA
4921128	19	dBA
4921246	19	dBA
4921375	14	dBA
4921513	15	dBA
4921592	16	dBA
4921710	17	dBA
4920914	18	dBA
4921033	18	dBA
4921132	19	dBA
4921260	20	dBA
4921389	21	dBA
4921527	16	dBA
4921606	17	dBA
4921724	18	dBA
4920938	18	dBA
4921077	19	dBA
4921225	20	dBA
4921363	21	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Source ID <sup>(1)</sup>	Source Description	Point of Reception ID <b>POR80</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>		
		Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup> (dBA)
		367154	4906611	131.5	0	0	0.0	370422	0	0.0	0	0	0.0	0	0	0.0
								37								
P14A_U19	MVPP P14A_U19	1851	20	dBA	4921502	20	dBA	4907674	23	dBA	4921502	19	dBA	4921502	16	dBA
P14A_U20	MVPP P14A_U20	1936	22	dBA	4921651	22	dBA	4907824	26	dBA	4921651	21	dBA	4921651	18	dBA
P14A_U21	MVPP P14A_U21	2017	23	dBA	4921779	24	dBA	4907953	30	dBA	4921779	23	dBA	4921779	19	dBA
P14B_U1	MVPP P14B_U1	1272	25	dBA	4921232	25	dBA	4907445	22	dBA	4921232	22	dBA	4921232	19	dBA
P14B_U2	MVPP P14B_U2	1350	26	dBA	4921350	26	dBA	4907565	23	dBA	4921350	23	dBA	4921350	19	dBA
P14B_U3	MVPP P14B_U3	1440	22	dBA	4921479	22	dBA	4907694	18	dBA	4921479	18	dBA	4921479	14	dBA
P14B_U4	MVPP P14B_U4	1499	24	dBA	4921558	23	dBA	4907773	18	dBA	4921558	19	dBA	4921558	15	dBA
P14B_U5	MVPP P14B_U5	1598	26	dBA	4921686	25	dBA	4907902	19	dBA	4921686	20	dBA	4921686	16	dBA
P14B_U6	MVPP P14B_U6	1296	20	dBA	4921427	20	dBA	4907655	16	dBA	4921427	17	dBA	4921427	13	dBA
P14B_U7	MVPP P14B_U7	1400	22	dBA	4921556	21	dBA	4907785	17	dBA	4921556	18	dBA	4921556	14	dBA
P14B_U8	MVPP P14B_U8	1540	24	dBA	4921722	23	dBA	4907953	17	dBA	4921722	19	dBA	4921722	15	dBA
P14C_U1	MVPP P14C_U1	830	21	dBA	4921033	21	dBA	4907281	19	dBA	4921033	19	dBA	4921033	16	dBA
P14C_U2	MVPP P14C_U2	927	22	dBA	4921151	22	dBA	4907400	19	dBA	4921151	19	dBA	4921151	17	dBA
P14C_U3	MVPP P14C_U3	1012	23	dBA	4921252	22	dBA	4907502	19	dBA	4921252	20	dBA	4921252	17	dBA
P14C_U4	MVPP P14C_U4	1065	23	dBA	4921233	23	dBA	4907472	20	dBA	4921233	21	dBA	4921233	18	dBA
P19_20_U1	MVPP P19/20_U1	1141	0	dBA	4920127	0	dBA	4906496	0	dBA	4920127	0	dBA	4920127	0	dBA
P19_U1	MVPP P19_U1	1157	0	dBA	4920253	0	dBA	4906623	0	dBA	4920253	0	dBA	4920253	0	dBA
P19_U2	MVPP P19_U2	1206	0	dBA	4920349	0	dBA	4906723	0	dBA	4920349	0	dBA	4920349	0	dBA
P19_U3	MVPP P19_U3	1268	0	dBA	4920454	0	dBA	4906832	0	dBA	4920454	0	dBA	4920454	0	dBA
P19_U4	MVPP P19_U4	1358	0	dBA	4920208	0	dBA	4906593	0	dBA	4920208	0	dBA	4920208	0	dBA
P19_U5	MVPP P19_U5	1409	0	dBA	4920313	0	dBA	4906703	0	dBA	4920313	0	dBA	4920313	0	dBA
P20_U1	MVPP P20_U1	1639	0	dBA	4920334	0	dBA	4906741	0	dBA	4920334	0	dBA	4920334	0	dBA
P21_U1	MVPP P21_U1	2444	0	dBA	4918898	0	dBA	4905335	0	dBA	4918898	0	dBA	4918898	0	dBA
P21_U2	MVPP P21_U2	2426	0	dBA	4919033	0	dBA	4905474	0	dBA	4919033	0	dBA	4919033	0	dBA
P21_U3	MVPP P21_U3	2420	0	dBA	4919148	0	dBA	4905594	0	dBA	4919148	0	dBA	4919148	0	dBA
P21_U4	MVPP P21_U4	2408	0	dBA	4919350	0	dBA	4905802	0	dBA	4919350	0	dBA	4919350	0	dBA
P21_U5	MVPP P21_U5	2415	0	dBA	4919437	0	dBA	4905892	0	dBA	4919437	0	dBA	4919437	0	dBA
P21_U6	MVPP P21_U6	2429	0	dBA	4919533	0	dBA	4905991	0	dBA	4919533	0	dBA	4919533	0	dBA
P21_U7	MVPP P21_U7	2447	0	dBA	4919629	0	dBA	4906091	0	dBA	4919629	0	dBA	4919629	0	dBA
P21_U8	MVPP P21_U8	2469	0	dBA	4919725	0	dBA	4906190	0	dBA	4919725	0	dBA	4919725	0	dBA
P21_U9	MVPP P21_U9	2505	0	dBA	4919849	0	dBA	4906319	0	dBA	4919849	0	dBA	4919849	0	dBA
P22_U1	MVPP P22_U1	2595	0	dBA	4918866	0	dBA	4905315	0	dBA	4918866	0	dBA	4918866	0	dBA
P22_U2	MVPP P22_U2	2580	0	dBA	4919010	0	dBA	4905464	0	dBA	4919010	0	dBA	4919010	0	dBA
P22_U3	MVPP P22_U3	2586	0	dBA	4919182	0	dBA	4905643	0	dBA	4919182	0	dBA	4919182	0	dBA
P22_U4	MVPP P22_U4	2596	0	dBA	4919345	0	dBA	4905812	0	dBA	4919345	0	dBA	4919345	0	dBA
P22_U5	MVPP P22_U5	2614	0	dBA	4919480	0	dBA	4905952	0	dBA	4919480	0	dBA	4919480	0	dBA
P22_U6	MVPP P22_U6	2722	0	dBA	4919627	0	dBA	4906111	0	dBA	4919627	0	dBA	4919627	0	dBA
P23_U1	MVPP P23_U1	2803	0	dBA	4918792	0	dBA	4905256	0	dBA	4918792	0	dBA	4918792	0	dBA
P23_U2	MVPP P23_U2	2792	0	dBA	4918916	0	dBA	4905385	0	dBA	4918916	0	dBA	4918916	0	dBA
P23_U3	MVPP P23_U3	2789	0	dBA	4919041	0	dBA	4905514	0	dBA	4919041	0	dBA	4919041	0	dBA
P23_U4	MVPP P23_U4	2793	0	dBA	4919165	0	dBA	4905643	0	dBA	4919165	0	dBA	4919165	0	dBA
P23_U5	MVPP P23_U5	2805	0	dBA	4919309	0	dBA	4905792	0	dBA	4919309	0	dBA	4919309	0	dBA
P23_U6	MVPP P23_U6	2823	0	dBA	4919434	0	dBA	4905922	0	dBA	4919434	0	dBA	4919434	0	dBA
P23_U7	MVPP P23_U7	2847	0	dBA	4919560	0	dBA	4906053	0	dBA	4919560	0	dBA	4919560	0	dBA
P24_U1	MVPP P24_U1	2611	0	dBA	4918546	0	dBA	4904978	0	dBA	4918546	0	dBA	4918546	0	dBA
P24_U2	MVPP P24_U2	2509	0	dBA	4918685	0	dBA	4905116	0	dBA	4918685	0	dBA	4918685	0	dBA
P24_U3	MVPP P24_U3	2413	0	dBA	4918602	0	dBA	4905017	0	dBA	4918602	0	dBA	4918602	0	dBA
TS	Transformer Station	3166	29	dBA	4922676	29	dBA	4902676	33	dBA	4922676	32	dBA	4922676	37	dBA
H1T	Hut 1 Transformer	2571	0	dBA	4920086	0	dBA	4906178	0	dBA	4920086	0	dBA	4920086	0	dBA
H1I1	Hut 1 Inverter 1	2570	0	dBA	4920081	0	dBA	4906173	0	dBA	4920081	0	dBA	4920081	0	dBA
H1I2	Hut 1 Inverter 2	2573	0	dBA	4920082	0	dBA	4906173	0	dBA	4920082	0	dBA	4920082	0	dBA
H2T	Hut 2 Transformer	2392	0	dBA	4920073	0	dBA	4906178	0	dBA	4920073	0	dBA	4920073	0	dBA
H2I1	Hut 2 Inverter 1	2391	0	dBA	4920068	0	dBA	4906173	0	dBA	4920068	0	dBA	4920068	0	dBA
H2I2	Hut 2 Inverter 2	2394	0	dBA	4920068	0	dBA	4906173	0	dBA	4920068	0	dBA	4920068	0	dBA
H3T	Hut 3 Transformer	2213	0	dBA	4920059	0	dBA	4906178	0	dBA	4920059	0	dBA	4920059	0	dBA
H3I1	Hut 3 Inverter 1	2213	0	dBA	4920054	0	dBA	4906173	0	dBA	4920054	0	dBA	4920054	0	dBA
H3I2	Hut 3 Inverter 2	2215	0	dBA	4920054	0	dBA	4906173	0	dBA	4920054	0	dBA	4920054	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>POR80</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>			Point of Reception ID <b>0</b>		
Point of Reception Description Vacant Lot Receptor 31			Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
367154	4906611	131.5	0	0	0.0	370422	0	0.0	0	0	0.0	0	0	0.0

Source ID <sup>(1)</sup>	Source Description	Point of Reception 31			Point of Reception 32			Point of Reception 33			Point of Reception 34			Point of Reception 35		
		Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup>	Distance (m)	Sound Level at PoR <sup>(3)</sup> (dBA)	Units <sup>(4)</sup>
H4T	Hut 4 Transformer	2264	-7	dBA	4920470	-7	dBA	4906583	-6	dBA	4920470	-8	dBA	4920470	0	dBA
H4I1	Hut 4 Inverter 1	2263	4	dBA	4920465	4	dBA	4906578	6	dBA	4920465	0	dBA	4920465	0	dBA
H4I2	Hut 4 Inverter 2	2266	4	dBA	4920465	4	dBA	4906578	6	dBA	4920465	0	dBA	4920465	0	dBA
H5T	Hut 5 Transformer	2722	0	dBA	4920504	0	dBA	4906583	-7	dBA	4920504	0	dBA	4920504	0	dBA
H5I1	Hut 5 Inverter 1	2721	0	dBA	4920499	0	dBA	4906578	4	dBA	4920499	0	dBA	4920499	0	dBA
H5I2	Hut 5 Inverter 2	2723	0	dBA	4920500	0	dBA	4906578	4	dBA	4920500	0	dBA	4920500	0	dBA
H6T	Hut 6 Transformer	2623	0	dBA	4920336	0	dBA	4906422	-8	dBA	4920336	0	dBA	4920336	0	dBA
H6I1	Hut 6 Inverter 1	2622	0	dBA	4920331	0	dBA	4906417	3	dBA	4920331	0	dBA	4920331	0	dBA
H6I2	Hut 6 Inverter 2	2625	0	dBA	4920331	0	dBA	4906417	3	dBA	4920331	0	dBA	4920331	0	dBA
H7T	Hut 7 Transformer	2569	0	dBA	4920493	0	dBA	4906583	-7	dBA	4920493	0	dBA	4920493	0	dBA
H7I1	Hut 7 Inverter 1	2568	0	dBA	4920488	0	dBA	4906578	4	dBA	4920488	0	dBA	4920488	0	dBA
H7I2	Hut 7 Inverter 2	2571	0	dBA	4920488	0	dBA	4906578	4	dBA	4920488	0	dBA	4920488	0	dBA
H8T	Hut 8 Transformer	2423	0	dBA	4920482	0	dBA	4906583	-6	dBA	4920482	0	dBA	4920482	0	dBA
H8I1	Hut 8 Inverter 1	2422	0	dBA	4920477	0	dBA	4906578	5	dBA	4920477	0	dBA	4920477	0	dBA
H8I2	Hut 8 Inverter 2	2424	0	dBA	4920477	0	dBA	4906578	5	dBA	4920477	0	dBA	4920477	0	dBA
H9T	Hut 9 Transformer	2240	0	dBA	4920277	0	dBA	4906393	-7	dBA	4920277	0	dBA	4920277	0	dBA
H9I1	Hut 9 Inverter 1	2239	0	dBA	4920273	0	dBA	4906388	4	dBA	4920273	0	dBA	4920273	0	dBA
H9I2	Hut 9 Inverter 2	2241	0	dBA	4920273	0	dBA	4906388	4	dBA	4920273	0	dBA	4920273	0	dBA
H10T	Hut 10 Transformer	2484	0	dBA	4920242	0	dBA	4906339	-8	dBA	4920242	0	dBA	4920242	0	dBA
H10I1	Hut 10 Inverter 1	2484	0	dBA	4920237	0	dBA	4906334	3	dBA	4920237	0	dBA	4920237	0	dBA
H10I2	Hut 10 Inverter 2	2486	0	dBA	4920237	0	dBA	4906334	3	dBA	4920237	0	dBA	4920237	0	dBA
ST	Substation Transformer	2608	0	dBA	4919967	0	dBA	4906057	0	dBA	4919967	0	dBA	4919967	0	dBA
Sub	44-kV/10-MVA Substation transformer	3261	0	dBA	4917080	0	dBA	4903393	0	dBA	4917080	0	dBA	4917080	0	dBA
Inv1	Sunny Central 1000MV inverter unit	3443	0	dBA	4916906	0	dBA	4903228	0	dBA	4916906	0	dBA	4916906	0	dBA
Inv2	Sunny Central 1000MV inverter unit	3406	0	dBA	4916930	0	dBA	4903240	0	dBA	4916930	0	dBA	4916930	0	dBA
Inv3	Sunny Central 1000MV inverter unit	3566	0	dBA	4916776	0	dBA	4903093	0	dBA	4916776	0	dBA	4916776	0	dBA
Inv4	Sunny Central 1000MV inverter unit	3531	0	dBA	4916801	0	dBA	4903106	0	dBA	4916801	0	dBA	4916801	0	dBA
Inv5	Sunny Central 1000MV inverter unit	3689	0	dBA	4916647	0	dBA	4902959	0	dBA	4916647	0	dBA	4916647	0	dBA
Inv6	Sunny Central 1000MV inverter unit	3657	0	dBA	4916673	0	dBA	4902973	0	dBA	4916673	0	dBA	4916673	0	dBA
Inv7	Sunny Central 1000MV inverter unit	3814	0	dBA	4916519	0	dBA	4902826	0	dBA	4916519	0	dBA	4916519	0	dBA
Inv8	Sunny Central 1000MV inverter unit	3785	0	dBA	4916544	0	dBA	4902840	0	dBA	4916544	0	dBA	4916544	0	dBA
Inv9	Sunny Central 1000MV inverter unit	3940	0	dBA	4916390	0	dBA	4902693	0	dBA	4916390	0	dBA	4916390	0	dBA
Inv10	Sunny Central 1000MV inverter unit	3914	0	dBA	4916415	0	dBA	4902706	0	dBA	4916415	0	dBA	4916415	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	
Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	
X 0	Y 0	Z 0.0	X 0	Y 0	Z 0.0

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/U1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_U1	MVPP P7/9/10_U1
P7_9_U2	MVPP P7/9/10_U2
P7_9_U3	MVPP P7/9/10_U3
P7_9_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 36		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	18	dBA
4923086	13	dBA
4923192	12	dBA
4923361	9	dBA
4923142	15	dBA
4922992	22	dBA
4922834	17	dBA
4922695	18	dBA
4922547	19	dBA
4922409	19	dBA
4923280	21	dBA
4923141	22	dBA
4923013	17	dBA
4922875	18	dBA
4922736	27	dBA
4922302	14	dBA
4922027	7	dBA
4922112	8	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	20	dBA
4921212	19	dBA
4921055	18	dBA
4921333	19	dBA
4921135	18	dBA
4921015	12	dBA
4920877	11	dBA
4921128	18	dBA
4921246	19	dBA
4921375	9	dBA
4921513	10	dBA
4921592	10	dBA
4921710	14	dBA
4920914	18	dBA
4921033	18	dBA
4921132	19	dBA
4921260	20	dBA
4921389	20	dBA
4921527	11	dBA
4921606	11	dBA
4921724	12	dBA
4920938	18	dBA
4921077	19	dBA
4921225	20	dBA
4921363	21	dBA

Point of Reception 37		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	21	dBA
4923086	15	dBA
4923192	14	dBA
4923361	10	dBA
4923142	17	dBA
4922992	24	dBA
4922834	20	dBA
4922695	22	dBA
4922547	25	dBA
4922409	27	dBA
4923280	21	dBA
4923141	22	dBA
4923013	17	dBA
4922875	19	dBA
4922736	23	dBA
4922302	12	dBA
4922027	0	dBA
4922112	6	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	21	dBA
4921212	20	dBA
4921055	19	dBA
4921333	21	dBA
4921135	19	dBA
4921015	13	dBA
4920877	12	dBA
4921128	16	dBA
4921246	17	dBA
4921375	7	dBA
4921513	7	dBA
4921592	7	dBA
4921710	8	dBA
4920914	16	dBA
4921033	17	dBA
4921132	17	dBA
4921260	17	dBA
4921389	18	dBA
4921527	8	dBA
4921606	8	dBA
4921724	9	dBA
4920938	17	dBA
4921077	18	dBA
4921225	18	dBA
4921363	19	dBA

Point of Reception 38		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	22	dBA
4923086	15	dBA
4923192	15	dBA
4923361	10	dBA
4923142	12	dBA
4922992	24	dBA
4922834	20	dBA
4922695	22	dBA
4922547	25	dBA
4922409	28	dBA
4923280	16	dBA
4923141	17	dBA
4923013	11	dBA
4922875	17	dBA
4922736	20	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	23	dBA
4921212	21	dBA
4921055	20	dBA
4921333	22	dBA
4921135	20	dBA
4921015	14	dBA
4920877	13	dBA
4921128	12	dBA
4921246	12	dBA
4921375	6	dBA
4921513	7	dBA
4921592	7	dBA
4921710	7	dBA
4920914	16	dBA
4921033	16	dBA
4921132	17	dBA
4921260	13	dBA
4921389	14	dBA
4921527	8	dBA
4921606	8	dBA
4921724	8	dBA
4920938	17	dBA
4921077	17	dBA
4921225	18	dBA
4921363	15	dBA

Point of Reception 39		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	22	dBA
4923086	16	dBA
4923192	15	dBA
4923361	10	dBA
4923142	12	dBA
4922992	20	dBA
4922834	20	dBA
4922695	22	dBA
4922547	25	dBA
4922409	29	dBA
4923280	15	dBA
4923141	16	dBA
4923013	11	dBA
4922875	12	dBA
4922736	19	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	23	dBA
4921212	22	dBA
4921055	20	dBA
4921333	22	dBA
4921135	21	dBA
4921015	14	dBA
4920877	13	dBA
4921128	11	dBA
4921246	12	dBA
4921375	6	dBA
4921513	6	dBA
4921592	6	dBA
4921710	6	dBA
4920914	15	dBA
4921033	16	dBA
4921132	16	dBA
4921260	13	dBA
4921389	13	dBA
4921527	7	dBA
4921606	7	dBA
4921724	7	dBA
4920938	16	dBA
4921077	17	dBA
4921225	17	dBA
4921363	14	dBA

Point of Reception 40		
Distance (m)	Sound Level at PoR <sup>(5)</sup>	Units <sup>(4)</sup> (dBA)
4922961	30	dBA
4923086	22	dBA
4923192	20	dBA
4923361	13	dBA
4923142	13	dBA
4922992	21	dBA
4922834	15	dBA
4922695	16	dBA
4922547	17	dBA
4922409	16	dBA
4923280	15	dBA
4923141	15	dBA
4923013	9	dBA
4922875	10	dBA
4922736	17	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	19	dBA
4921212	18	dBA
4921055	17	dBA
4921333	19	dBA
4921135	18	dBA
4921015	12	dBA
4920877	11	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

		Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0		
Point of Reception Description 0		Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0					
X Y Z		X Y Z			X Y Z			X Y Z			X Y Z					
0 0 0.0		0 0 0.0			0 0 0.0			0 0 0.0			0 0 0.0					
Source ID <sup>(1)</sup>	Source Description	Point of Reception 36			Point of Reception 37			Point of Reception 38			Point of Reception 39			Point of Reception 40		
		Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)	Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
P14A_U19	MVPP P14A_U19	4921502	16	dBA	4921502	14	dBA	4921502	9	dBA	4921502	8	dBA	4921502	0	dBA
P14A_U20	MVPP P14A_U20	4921651	13	dBA	4921651	10	dBA	4921651	9	dBA	4921651	8	dBA	4921651	0	dBA
P14A_U21	MVPP P14A_U21	4921779	13	dBA	4921779	10	dBA	4921779	9	dBA	4921779	8	dBA	4921779	0	dBA
P14B_U1	MVPP P14B_U1	4921232	14	dBA	4921232	12	dBA	4921232	11	dBA	4921232	0	dBA	4921232	0	dBA
P14B_U2	MVPP P14B_U2	4921350	14	dBA	4921350	12	dBA	4921350	12	dBA	4921350	0	dBA	4921350	0	dBA
P14B_U3	MVPP P14B_U3	4921479	8	dBA	4921479	6	dBA	4921479	6	dBA	4921479	0	dBA	4921479	0	dBA
P14B_U4	MVPP P14B_U4	4921558	9	dBA	4921558	6	dBA	4921558	6	dBA	4921558	0	dBA	4921558	0	dBA
P14B_U5	MVPP P14B_U5	4921686	13	dBA	4921686	7	dBA	4921686	6	dBA	4921686	5	dBA	4921686	0	dBA
P14B_U6	MVPP P14B_U6	4921427	7	dBA	4921427	5	dBA	4921427	0	dBA	4921427	0	dBA	4921427	0	dBA
P14B_U7	MVPP P14B_U7	4921556	12	dBA	4921556	6	dBA	4921556	0	dBA	4921556	0	dBA	4921556	0	dBA
P14B_U8	MVPP P14B_U8	4921722	8	dBA	4921722	6	dBA	4921722	0	dBA	4921722	0	dBA	4921722	0	dBA
P14C_U1	MVPP P14C_U1	4921033	0	dBA	4921033	0	dBA	4921033	0	dBA	4921033	0	dBA	4921033	0	dBA
P14C_U2	MVPP P14C_U2	4921151	15	dBA	4921151	0	dBA	4921151	0	dBA	4921151	0	dBA	4921151	0	dBA
P14C_U3	MVPP P14C_U3	4921252	12	dBA	4921252	0	dBA	4921252	0	dBA	4921252	0	dBA	4921252	0	dBA
P14C_U4	MVPP P14C_U4	4921233	12	dBA	4921233	0	dBA	4921233	0	dBA	4921233	0	dBA	4921233	0	dBA
P19_20_U1	MVPP P19/20_U1	4920127	0	dBA	4920127	0	dBA	4920127	0	dBA	4920127	0	dBA	4920127	0	dBA
P19_U1	MVPP P19_U1	4920253	0	dBA	4920253	0	dBA	4920253	0	dBA	4920253	0	dBA	4920253	0	dBA
P19_U2	MVPP P19_U2	4920349	0	dBA	4920349	0	dBA	4920349	0	dBA	4920349	0	dBA	4920349	0	dBA
P19_U3	MVPP P19_U3	4920454	0	dBA	4920454	0	dBA	4920454	0	dBA	4920454	0	dBA	4920454	0	dBA
P19_U4	MVPP P19_U4	4920208	0	dBA	4920208	0	dBA	4920208	0	dBA	4920208	0	dBA	4920208	0	dBA
P19_U5	MVPP P19_U5	4920313	0	dBA	4920313	0	dBA	4920313	0	dBA	4920313	0	dBA	4920313	0	dBA
P20_U1	MVPP P20_U1	4920334	0	dBA	4920334	0	dBA	4920334	0	dBA	4920334	0	dBA	4920334	0	dBA
P21_U1	MVPP P21_U1	4918898	0	dBA	4918898	0	dBA	4918898	0	dBA	4918898	0	dBA	4918898	0	dBA
P21_U2	MVPP P21_U2	4919033	0	dBA	4919033	0	dBA	4919033	0	dBA	4919033	0	dBA	4919033	0	dBA
P21_U3	MVPP P21_U3	4919148	0	dBA	4919148	0	dBA	4919148	0	dBA	4919148	0	dBA	4919148	0	dBA
P21_U4	MVPP P21_U4	4919350	0	dBA	4919350	0	dBA	4919350	0	dBA	4919350	0	dBA	4919350	0	dBA
P21_U5	MVPP P21_U5	4919437	0	dBA	4919437	0	dBA	4919437	0	dBA	4919437	0	dBA	4919437	0	dBA
P21_U6	MVPP P21_U6	4919533	0	dBA	4919533	0	dBA	4919533	0	dBA	4919533	0	dBA	4919533	0	dBA
P21_U7	MVPP P21_U7	4919629	0	dBA	4919629	0	dBA	4919629	0	dBA	4919629	0	dBA	4919629	0	dBA
P21_U8	MVPP P21_U8	4919725	0	dBA	4919725	0	dBA	4919725	0	dBA	4919725	0	dBA	4919725	0	dBA
P21_U9	MVPP P21_U9	4919849	0	dBA	4919849	0	dBA	4919849	0	dBA	4919849	0	dBA	4919849	0	dBA
P22_U1	MVPP P22_U1	4918866	0	dBA	4918866	0	dBA	4918866	0	dBA	4918866	0	dBA	4918866	0	dBA
P22_U2	MVPP P22_U2	4919010	0	dBA	4919010	0	dBA	4919010	0	dBA	4919010	0	dBA	4919010	0	dBA
P22_U3	MVPP P22_U3	4919182	0	dBA	4919182	0	dBA	4919182	0	dBA	4919182	0	dBA	4919182	0	dBA
P22_U4	MVPP P22_U4	4919345	0	dBA	4919345	0	dBA	4919345	0	dBA	4919345	0	dBA	4919345	0	dBA
P22_U5	MVPP P22_U5	4919480	0	dBA	4919480	0	dBA	4919480	0	dBA	4919480	0	dBA	4919480	0	dBA
P22_U6	MVPP P22_U6	4919627	0	dBA	4919627	0	dBA	4919627	0	dBA	4919627	0	dBA	4919627	0	dBA
P23_U1	MVPP P23_U1	4918792	0	dBA	4918792	0	dBA	4918792	0	dBA	4918792	0	dBA	4918792	0	dBA
P23_U2	MVPP P23_U2	4918916	0	dBA	4918916	0	dBA	4918916	0	dBA	4918916	0	dBA	4918916	0	dBA
P23_U3	MVPP P23_U3	4919041	0	dBA	4919041	0	dBA	4919041	0	dBA	4919041	0	dBA	4919041	0	dBA
P23_U4	MVPP P23_U4	4919165	0	dBA	4919165	0	dBA	4919165	0	dBA	4919165	0	dBA	4919165	0	dBA
P23_U5	MVPP P23_U5	4919309	0	dBA	4919309	0	dBA	4919309	0	dBA	4919309	0	dBA	4919309	0	dBA
P23_U6	MVPP P23_U6	4919434	0	dBA	4919434	0	dBA	4919434	0	dBA	4919434	0	dBA	4919434	0	dBA
P23_U7	MVPP P23_U7	4919560	0	dBA	4919560	0	dBA	4919560	0	dBA	4919560	0	dBA	4919560	0	dBA
P24_U1	MVPP P24_U1	4918546	0	dBA	4918546	0	dBA	4918546	0	dBA	4918546	0	dBA	4918546	0	dBA
P24_U2	MVPP P24_U2	4918685	0	dBA	4918685	0	dBA	4918685	0	dBA	4918685	0	dBA	4918685	0	dBA
P24_U3	MVPP P24_U3	4918602	0	dBA	4918602	0	dBA	4918602	0	dBA	4918602	0	dBA	4918602	0	dBA
TS	Transformer Station	4922676	38	dBA	4922676	38	dBA	4922676	36	dBA	4922676	35	dBA	4922676	31	dBA
H1T	Hut 1 Transformer	4920086	0	dBA	4920086	0	dBA	4920086	0	dBA	4920086	0	dBA	4920086	0	dBA
H1I1	Hut 1 Inverter 1	4920081	0	dBA	4920081	0	dBA	4920081	0	dBA	4920081	0	dBA	4920081	0	dBA
H1I2	Hut 1 Inverter 2	4920082	0	dBA	4920082	0	dBA	4920082	0	dBA	4920082	0	dBA	4920082	0	dBA
H2T	Hut 2 Transformer	4920073	0	dBA	4920073	0	dBA	4920073	0	dBA	4920073	0	dBA	4920073	0	dBA
H2I1	Hut 2 Inverter 1	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA
H2I2	Hut 2 Inverter 2	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA	4920068	0	dBA
H3T	Hut 3 Transformer	4920059	0	dBA	4920059	0	dBA	4920059	0	dBA	4920059	0	dBA	4920059	0	dBA
H3I1	Hut 3 Inverter 1	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA
H3I2	Hut 3 Inverter 2	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA	4920054	0	dBA



**Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON

Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>
Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>
X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 36		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	-6	dBA
4920465	5	dBA
4920465	5	dBA
4920504	-7	dBA
4920499	4	dBA
4920500	4	dBA
4920336	-8	dBA
4920331	3	dBA
4920331	3	dBA
4920493	-6	dBA
4920488	5	dBA
4920488	5	dBA
4920482	-6	dBA
4920477	5	dBA
4920477	5	dBA
4920277	-8	dBA
4920273	4	dBA
4920273	4	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 37		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	-7	dBA
4920465	4	dBA
4920465	4	dBA
4920504	-6	dBA
4920499	5	dBA
4920500	5	dBA
4920336	-8	dBA
4920331	4	dBA
4920331	4	dBA
4920493	-6	dBA
4920488	5	dBA
4920488	5	dBA
4920482	-7	dBA
4920477	5	dBA
4920477	5	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 38		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	-6	dBA
4920465	5	dBA
4920465	5	dBA
4920504	-6	dBA
4920499	5	dBA
4920500	5	dBA
4920336	-7	dBA
4920331	4	dBA
4920331	4	dBA
4920493	-6	dBA
4920488	5	dBA
4920488	5	dBA
4920482	-6	dBA
4920477	5	dBA
4920477	5	dBA
4920277	-8	dBA
4920273	3	dBA
4920273	3	dBA
4920242	-8	dBA
4920237	3	dBA
4920237	3	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 39		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	-7	dBA
4920465	4	dBA
4920465	4	dBA
4920504	-6	dBA
4920499	5	dBA
4920500	5	dBA
4920336	-7	dBA
4920331	4	dBA
4920331	4	dBA
4920493	-6	dBA
4920488	5	dBA
4920488	5	dBA
4920482	-6	dBA
4920477	5	dBA
4920477	5	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	-8	dBA
4920237	3	dBA
4920237	3	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 40		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	Point of Reception ID 0	
Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	Point of Reception Description 0	
X 0	Y 0	Z 0.0	X 0	Y 0	Z 0.0

Source ID <sup>(1)</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2/1_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_U1	MVPP P7/9/10_U1
P7_9_U2	MVPP P7/9/10_U2
P7_9_U3	MVPP P7/9/10_U3
P7_9_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 41		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4922961	37	dBA
4923086	26	dBA
4923192	23	dBA
4923361	14	dBA
4923142	13	dBA
4922992	21	dBA
4922834	19	dBA
4922695	19	dBA
4922547	18	dBA
4922409	18	dBA
4923280	15	dBA
4923141	15	dBA
4923013	9	dBA
4922875	9	dBA
4922736	16	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	17	dBA
4921212	17	dBA
4921055	16	dBA
4921333	18	dBA
4921135	17	dBA
4921015	10	dBA
4920877	10	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 42		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4922961	36	dBA
4923086	34	dBA
4923192	32	dBA
4923361	17	dBA
4923142	15	dBA
4922992	21	dBA
4922834	18	dBA
4922695	18	dBA
4922547	17	dBA
4922409	16	dBA
4923280	15	dBA
4923141	16	dBA
4923013	9	dBA
4922875	9	dBA
4922736	16	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	16	dBA
4921212	15	dBA
4921055	0	dBA
4921333	16	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 43		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4922961	26	dBA
4923086	27	dBA
4923192	31	dBA
4923361	26	dBA
4923142	21	dBA
4922992	26	dBA
4922834	19	dBA
4922695	18	dBA
4922547	17	dBA
4922409	11	dBA
4923280	21	dBA
4923141	21	dBA
4923013	15	dBA
4922875	14	dBA
4922736	20	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	0	dBA
4921212	0	dBA
4921055	0	dBA
4921333	0	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 44		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4922961	23	dBA
4923086	19	dBA
4923192	26	dBA
4923361	29	dBA
4923142	22	dBA
4922992	26	dBA
4922834	19	dBA
4922695	17	dBA
4922547	12	dBA
4922409	11	dBA
4923280	18	dBA
4923141	21	dBA
4923013	15	dBA
4922875	15	dBA
4922736	20	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	0	dBA
4921212	0	dBA
4921055	0	dBA
4921333	0	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 45		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4922961	32	dBA
4923086	29	dBA
4923192	33	dBA
4923361	26	dBA
4923142	23	dBA
4922992	28	dBA
4922834	21	dBA
4922695	20	dBA
4922547	18	dBA
4922409	17	dBA
4923280	21	dBA
4923141	21	dBA
4923013	16	dBA
4922875	15	dBA
4922736	21	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	16	dBA
4921212	15	dBA
4921055	0	dBA
4921333	16	dBA
4921135	0	dBA
4921015	0	dBA
4920877	0	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0			Point of Reception ID 0		
Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0			Point of Reception Description 0		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0

Source ID <sup>[1]</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 41		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	30	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

Point of Reception 42		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	31	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

Point of Reception 43		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	32	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

Point of Reception 44		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	32	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

Point of Reception 45		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	34	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>
Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>
X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0	X      Y      Z 0      0      0.0

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 41		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 42		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 43		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 44		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 45		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>
Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>
X 0	Y 0	Z 0.0	X 0
Y 0	Z 0.0	X 0	Y 0
Z 0.0	X 0	Y 0	Z 0.0

Source ID <sup>[1]</sup>	Source Description
P1_U1	MVPP P1_U1
P1_U2	MVPP P1_U2
P1_U3	MVPP P1_U3
P2_U1	MVPP P2_U1
P3_U1	MVPP P3_U1
P3_U2	MVPP P3_U2
P3_U3	MVPP P3_U3
P3_U4	MVPP P3_U4
P3_U5	MVPP P3_U5
P3_U6	MVPP P3_U6
P4_U1	MVPP P4_U1
P4_U2	MVPP P4_U2
P4_U3	MVPP P4_U3
P4_U4	MVPP P4_U4
P4_U5	MVPP P4_U5
P6A_U1	MVPP P6A_U1
P6A_U2	MVPP P6A_U2
P6A_U3	MVPP P6A_U3
P7_9_10_U1	MVPP P7/9/10_U1
P7_9_10_U2	MVPP P7/9/10_U2
P7_9_10_U3	MVPP P7/9/10_U3
P7_9_10_U4	MVPP P7/9/10_U4
P11A_U3	MVPP P11A_U3
P12_U1	MVPP P12_U1
P12_U2	MVPP P12_U2
P12_U3	MVPP P12_U3
P12_U4	MVPP P12_U4
P12_U5	MVPP P12_U5
P12_U6	MVPP P12_U6
P12_U7	MVPP P12_U7
P14A_U1	MVPP P14A_U1
P14A_U2	MVPP P14A_U2
P14A_U3	MVPP P14A_U3
P14A_U4	MVPP P14A_U4
P14A_U5	MVPP P14A_U5
P14A_U6	MVPP P14A_U6
P14A_U7	MVPP P14A_U7
P14A_U8	MVPP P14A_U8
P14A_U9	MVPP P14A_U9
P14A_U10	MVPP P14A_U10
P14A_U11	MVPP P14A_U11
P14A_U12	MVPP P14A_U12
P14A_U13	MVPP P14A_U13
P14A_U14	MVPP P14A_U14
P14A_U15	MVPP P14A_U15
P14A_U16	MVPP P14A_U16
P14A_U17	MVPP P14A_U17
P14A_U18	MVPP P14A_U18

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4922961	32	dBA
4923086	29	dBA
4923192	30	dBA
4923361	26	dBA
4923142	24	dBA
4922992	30	dBA
4922834	22	dBA
4922695	21	dBA
4922547	19	dBA
4922409	18	dBA
4923280	21	dBA
4923141	22	dBA
4923013	16	dBA
4922875	16	dBA
4922736	21	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	16	dBA
4921212	16	dBA
4921055	0	dBA
4921333	16	dBA
4921135	15	dBA
4921015	0	dBA
4920877	0	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4922961	17	dBA
4923086	10	dBA
4923192	10	dBA
4923361	0	dBA
4923142	0	dBA
4922992	15	dBA
4922834	11	dBA
4922695	11	dBA
4922547	12	dBA
4922409	13	dBA
4923280	0	dBA
4923141	0	dBA
4923013	0	dBA
4922875	0	dBA
4922736	0	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	21	dBA
4921212	22	dBA
4921055	21	dBA
4921333	23	dBA
4921135	24	dBA
4921015	16	dBA
4920877	15	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	0	dBA
4921033	0	dBA
4921132	0	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	0	dBA
4921077	0	dBA
4921225	0	dBA
4921363	0	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4922961	0	dBA
4923086	0	dBA
4923192	0	dBA
4923361	0	dBA
4923142	0	dBA
4922992	0	dBA
4922834	10	dBA
4922695	10	dBA
4922547	11	dBA
4922409	12	dBA
4923280	0	dBA
4923141	0	dBA
4923013	0	dBA
4922875	0	dBA
4922736	0	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	27	dBA
4921212	29	dBA
4921055	32	dBA
4921333	29	dBA
4921135	33	dBA
4921015	30	dBA
4920877	33	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	16	dBA
4921033	16	dBA
4921132	16	dBA
4921260	16	dBA
4921389	15	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	17	dBA
4921077	17	dBA
4921225	17	dBA
4921363	16	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>[3]</sup>	Units <sup>[4]</sup> (dBA)
4922961	0	dBA
4923086	0	dBA
4923192	0	dBA
4923361	0	dBA
4923142	0	dBA
4922992	0	dBA
4922834	0	dBA
4922695	0	dBA
4922547	0	dBA
4922409	10	dBA
4923280	0	dBA
4923141	0	dBA
4923013	0	dBA
4922875	0	dBA
4922736	0	dBA
4922302	0	dBA
4922027	0	dBA
4922112	0	dBA
4922861	0	dBA
4922723	0	dBA
4922574	0	dBA
4922436	0	dBA
4921910	0	dBA
4921321	23	dBA
4921212	24	dBA
4921055	26	dBA
4921333	23	dBA
4921135	26	dBA
4921015	21	dBA
4920877	24	dBA
4921128	0	dBA
4921246	0	dBA
4921375	0	dBA
4921513	0	dBA
4921592	0	dBA
4921710	0	dBA
4920914	16	dBA
4921033	16	dBA
4921132	15	dBA
4921260	0	dBA
4921389	0	dBA
4921527	0	dBA
4921606	0	dBA
4921724	0	dBA
4920938	17	dBA
4921077	16	dBA
4921225	16	dBA
4921363	16	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID	Point of Reception ID	Point of Reception ID	Point of Reception ID
0	0	0	0
Point of Reception Description	Point of Reception Description	Point of Reception Description	Point of Reception Description
0	0	0	0
X Y Z	X Y Z	X Y Z	X Y Z
0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0

Source ID <sup>(1)</sup>	Source Description
P14A_U19	MVPP P14A_U19
P14A_U20	MVPP P14A_U20
P14A_U21	MVPP P14A_U21
P14B_U1	MVPP P14B_U1
P14B_U2	MVPP P14B_U2
P14B_U3	MVPP P14B_U3
P14B_U4	MVPP P14B_U4
P14B_U5	MVPP P14B_U5
P14B_U6	MVPP P14B_U6
P14B_U7	MVPP P14B_U7
P14B_U8	MVPP P14B_U8
P14C_U1	MVPP P14C_U1
P14C_U2	MVPP P14C_U2
P14C_U3	MVPP P14C_U3
P14C_U4	MVPP P14C_U4
P19_20_U1	MVPP P19/20_U1
P19_U1	MVPP P19_U1
P19_U2	MVPP P19_U2
P19_U3	MVPP P19_U3
P19_U4	MVPP P19_U4
P19_U5	MVPP P19_U5
P20_U1	MVPP P20_U1
P21_U1	MVPP P21_U1
P21_U2	MVPP P21_U2
P21_U3	MVPP P21_U3
P21_U4	MVPP P21_U4
P21_U5	MVPP P21_U5
P21_U6	MVPP P21_U6
P21_U7	MVPP P21_U7
P21_U8	MVPP P21_U8
P21_U9	MVPP P21_U9
P22_U1	MVPP P22_U1
P22_U2	MVPP P22_U2
P22_U3	MVPP P22_U3
P22_U4	MVPP P22_U4
P22_U5	MVPP P22_U5
P22_U6	MVPP P22_U6
P23_U1	MVPP P23_U1
P23_U2	MVPP P23_U2
P23_U3	MVPP P23_U3
P23_U4	MVPP P23_U4
P23_U5	MVPP P23_U5
P23_U6	MVPP P23_U6
P23_U7	MVPP P23_U7
P24_U1	MVPP P24_U1
P24_U2	MVPP P24_U2
P24_U3	MVPP P24_U3
TS	Transformer Station
H1T	Hut 1 Transformer
H1I1	Hut 1 Inverter 1
H1I2	Hut 1 Inverter 2
H2T	Hut 2 Transformer
H2I1	Hut 2 Inverter 1
H2I2	Hut 2 Inverter 2
H3T	Hut 3 Transformer
H3I1	Hut 3 Inverter 1
H3I2	Hut 3 Inverter 2

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	34	dBA
4920086	0	dBA
4920081	0	dBA
4920082	0	dBA
4920073	0	dBA
4920068	0	dBA
4920068	0	dBA
4920059	0	dBA
4920054	0	dBA
4920054	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
4921502	0	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	0	dBA
4920086	-5	dBA
4920081	7	dBA
4920082	7	dBA
4920073	-6	dBA
4920068	5	dBA
4920068	5	dBA
4920059	-7	dBA
4920054	4	dBA
4920054	4	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
4921502	10	dBA
4921651	10	dBA
4921779	10	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	0	dBA
4920086	1	dBA
4920081	12	dBA
4920082	12	dBA
4920073	-1	dBA
4920068	10	dBA
4920068	10	dBA
4920059	-2	dBA
4920054	9	dBA
4920054	9	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup>
4921502	10	dBA
4921651	0	dBA
4921779	0	dBA
4921232	0	dBA
4921350	0	dBA
4921479	0	dBA
4921558	0	dBA
4921686	0	dBA
4921427	0	dBA
4921556	0	dBA
4921722	0	dBA
4921033	0	dBA
4921151	0	dBA
4921252	0	dBA
4921233	0	dBA
4920127	0	dBA
4920253	0	dBA
4920349	0	dBA
4920454	0	dBA
4920208	0	dBA
4920313	0	dBA
4920334	0	dBA
4918898	0	dBA
4919033	0	dBA
4919148	0	dBA
4919350	0	dBA
4919437	0	dBA
4919533	0	dBA
4919629	0	dBA
4919725	0	dBA
4919849	0	dBA
4918866	0	dBA
4919010	0	dBA
4919182	0	dBA
4919345	0	dBA
4919480	0	dBA
4919627	0	dBA
4918792	0	dBA
4918916	0	dBA
4919041	0	dBA
4919165	0	dBA
4919309	0	dBA
4919434	0	dBA
4919560	0	dBA
4918546	0	dBA
4918685	0	dBA
4918602	0	dBA
4922676	0	dBA
4920086	4	dBA
4920081	16	dBA
4920082	16	dBA
4920073	2	dBA
4920068	13	dBA
4920068	13	dBA
4920059	0	dBA
4920054	11	dBA
4920054	11	dBA

**Appendix H: Point of Reception Noise Impact**

Project: Sol-Luce Kingston Solar PV Energy Project  
 Location: Kingston ON



Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>	Point of Reception ID <b>0</b>
Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>	Point of Reception Description <b>0</b>
X 0	Y 0	Z 0.0	X 0
Y 0	Z 0.0	X 0	Y 0
Z 0.0	X 0	Y 0	Z 0.0

Source ID <sup>(1)</sup>	Source Description
H4T	Hut 4 Transformer
H4I1	Hut 4 Inverter 1
H4I2	Hut 4 Inverter 2
H5T	Hut 5 Transformer
H5I1	Hut 5 Inverter 1
H5I2	Hut 5 Inverter 2
H6T	Hut 6 Transformer
H6I1	Hut 6 Inverter 1
H6I2	Hut 6 Inverter 2
H7T	Hut 7 Transformer
H7I1	Hut 7 Inverter 1
H7I2	Hut 7 Inverter 2
H8T	Hut 8 Transformer
H8I1	Hut 8 Inverter 1
H8I2	Hut 8 Inverter 2
H9T	Hut 9 Transformer
H9I1	Hut 9 Inverter 1
H9I2	Hut 9 Inverter 2
H10T	Hut 10 Transformer
H10I1	Hut 10 Inverter 1
H10I2	Hut 10 Inverter 2
ST	Substation Transformer
Sub	44-kV/10-MVA Substation transformer
Inv1	Sunny Central 1000MV inverter unit
Inv2	Sunny Central 1000MV inverter unit
Inv3	Sunny Central 1000MV inverter unit
Inv4	Sunny Central 1000MV inverter unit
Inv5	Sunny Central 1000MV inverter unit
Inv6	Sunny Central 1000MV inverter unit
Inv7	Sunny Central 1000MV inverter unit
Inv8	Sunny Central 1000MV inverter unit
Inv9	Sunny Central 1000MV inverter unit
Inv10	Sunny Central 1000MV inverter unit

Point of Reception 46		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	0	dBA
4920465	0	dBA
4920465	0	dBA
4920504	0	dBA
4920499	0	dBA
4920500	0	dBA
4920336	0	dBA
4920331	0	dBA
4920331	0	dBA
4920493	0	dBA
4920488	0	dBA
4920488	0	dBA
4920482	0	dBA
4920477	0	dBA
4920477	0	dBA
4920277	0	dBA
4920273	0	dBA
4920273	0	dBA
4920242	0	dBA
4920237	0	dBA
4920237	0	dBA
4919967	0	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 47		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	-4	dBA
4920465	7	dBA
4920465	7	dBA
4920504	-3	dBA
4920499	10	dBA
4920500	8	dBA
4920336	-3	dBA
4920331	9	dBA
4920331	9	dBA
4920493	-2	dBA
4920488	9	dBA
4920488	9	dBA
4920482	-3	dBA
4920477	8	dBA
4920477	8	dBA
4920277	-5	dBA
4920273	6	dBA
4920273	6	dBA
4920242	-4	dBA
4920237	7	dBA
4920237	7	dBA
4919967	10	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 48		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	1	dBA
4920465	12	dBA
4920465	12	dBA
4920504	6	dBA
4920499	18	dBA
4920500	18	dBA
4920336	4	dBA
4920331	15	dBA
4920331	15	dBA
4920493	4	dBA
4920488	16	dBA
4920488	16	dBA
4920482	3	dBA
4920477	14	dBA
4920477	14	dBA
4920277	-1	dBA
4920273	11	dBA
4920273	11	dBA
4920242	1	dBA
4920237	12	dBA
4920237	13	dBA
4919967	15	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

Point of Reception 49		
Distance (m)	Sound Level at PoR <sup>(3)</sup>	Units <sup>(4)</sup> (dBA)
4920470	2	dBA
4920465	13	dBA
4920465	13	dBA
4920504	10	dBA
4920499	21	dBA
4920500	21	dBA
4920336	7	dBA
4920331	19	dBA
4920331	19	dBA
4920493	7	dBA
4920488	18	dBA
4920488	18	dBA
4920482	4	dBA
4920477	16	dBA
4920477	16	dBA
4920277	1	dBA
4920273	13	dBA
4920273	13	dBA
4920242	5	dBA
4920237	16	dBA
4920237	16	dBA
4919967	19	dBA
4917080	0	dBA
4916906	0	dBA
4916930	0	dBA
4916776	0	dBA
4916801	0	dBA
4916647	0	dBA
4916673	0	dBA
4916519	0	dBA
4916544	0	dBA
4916390	0	dBA
4916415	0	dBA

## **Appendix H: Point of Reception Noise Impact**



Project: Sol-Luce Kingston Solar PV Energy Project  
Location: Kingston ON

### Notes:

1. Wherever possible, the Source ID matches the identifiers used in the drawing.
2. Sound Level units  
dBA = 1-hour energy equivalent sound level ( $L_{eq}$  (1-hr)), in terms of A-Weighted decibels.  
dBAI = Logarithmic mean impulsive noise level ( $L_{LM}$ ), in terms of A-Weighted decibels incorporating an impulsive time weighting
3. Height above local grade 1.5 m for Houses.
4. Noise receptors representative of worst-case potential impacts have been selected. For the purposes of noise impact assessment, the following land uses (existing or zoned for future use) have been considered:
  - permanent , seasonal, or rental residences
  - hospitals and clinics
  - hotels, motels and campgrounds
  - schools, universities, libraries and daycare centres
  - nursing / retirement homes
  - churches and places of worship



**APPENDIX I**  
**KEY PARAMETERS**

## Key Parameters Included in the Noise Model



Project: Sol-Luce Kingston PV Energy Project  
Location: Kingston ON

<b>Parameter</b>	<b>Value</b>	<b>Rationale</b>
Ground Absorption	0.8	Accounts mostly soft surface between facility and receptors of interest.
Temperature	10°C	Ontario standard conditions
Relative Humidity	70%	Ontario standard conditions
Max. Order of Reflection	1	To account reflections from buildings and structures.
Reflection Coefficient	N/A	Accounts for absorption/attenuation from building surfaces