

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 ⁽¹⁾ |
| 365719 | 4905791 | 139.1 |

Point of Reception ID
POR51

Point of Reception Description
 Vacant Lot Receptor 02

| Point of reception coordinates | | |
|--------------------------------|---------|------------------|
| X | Y | Z ⁽¹⁾ |
| 366287 | 4906347 | 139.7 |

Point of Reception ID
POR52

Point of Reception Description
 Vacant Lot Receptor 03

| Point of reception coordinates | | |
|--------------------------------|---------|------------------|
| X | Y | Z ⁽¹⁾ |
| 366249 | 4906424 | 140.5 |

Point of Reception ID
POR53

Point of Reception Description
 Vacant Lot Receptor 04

| Point of reception coordinates | | |
|--------------------------------|---------|------------------|
| X | Y | Z ⁽¹⁾ |
| 366794 | 4907844 | 138.5 |

Point of Reception ID
POR54

Point of Reception Description
 Vacant Lot Receptor 05

| Point of reception coordinates | | |
|--------------------------------|---------|------------------|
| X | Y | Z ⁽¹⁾ |
| 366765 | 4908063 | 136.5 |

| Source ID ⁽¹⁾ | 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 ⁽²⁾ |
| 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 ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 |
| 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 | Point of reception coordinates | Point of reception coordinates | Point of reception coordinates | Point of reception coordinates |
| X Y Z ^[3] | X Y Z ^[3] | X Y Z ^[3] | X Y Z ^[3] | X Y Z ^[3] |
| 366663 4908145 136.6 | 367428 4908096 136.5 | 366635 4908622 141.1 | 367016 4910060 141.0 | 367266 4910349 142.7 |

| Source ID ^[1] | 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 POR55 | Point of Reception ID POR56 | Point of Reception ID POR57 | Point of Reception ID POR58 | Point of Reception ID POR59 |
|--|--|--|--|--|
| 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 ^[5] 366663 4908145 136.6 | Point of reception coordinates X Y Z ^[5] 367428 4908096 136.5 | Point of reception coordinates X Y Z ^[5] 366635 4908622 141.1 | Point of reception coordinates X Y Z ^[5] 367016 4910060 141.0 | Point of reception coordinates X Y Z ^[5] 367266 4910349 142.7 |

| Source ID ^[1] | 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 | Point of Reception ID | Point of Reception ID | Point of Reception ID | Point of Reception ID |
|---|---|---|---|---|
| POR60 | POR61 | POR62 | POR63 | POR64 |
| 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 ^[3] | X Y Z ^[3] | X Y Z ^[3] | X Y Z ^[3] | X Z Z ^[5] |
| 367411 4910357 144.1 | 368878 4908170 136.6 | 369605 4908239 135.5 | 370422 4909603 138.0 | 370395 4909646 137.9 |

| Source ID ^[1] | 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[2] |
| 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 ^[3] | Units ^[4] |
| 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 POR60 | Point of Reception ID POR61 | Point of Reception ID POR62 | Point of Reception ID POR63 | Point of Reception ID POR64 |
|---|---|---|---|---|
| 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 X Y Z ⁽¹⁾ 367411 4910357 144.1 | Point of reception coordinates X Y Z ⁽¹⁾ 368878 4908170 136.6 | Point of reception coordinates X Y Z ⁽¹⁾ 369605 4908239 135.5 | Point of reception coordinates X Y Z ⁽¹⁾ 370422 4909603 138.0 | Point of reception coordinates X Y Z ⁽¹⁾ 370395 4909646 137.9 |

| Source ID ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽²⁾ |
| 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 ⁽³⁾ | Units ⁽⁴⁾ |
| 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

Table with 5 columns: Point of Reception ID (POR65-69) and Point of Reception Description (Vacant Lot Receptor 16-20). Each column contains a grid of X, Y, Z coordinates and a detailed table of Source ID, Source Description, Distance (m), Sound Level at PoR (dB), and Units (dBA).

Source ID and Source Description table listing various noise sources such as P1_U1, P1_U2, P1_U3, P2_U1, etc., up to P14A_U18.



Appendix H: Point of Reception Noise Impact

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

Point of Reception ID POR65

Table with 2 rows: Point of Reception Description, Vacant Lot Receptor 16

Table with 3 columns: X, Y, Z. Values: 368537, 4906762, 130.0

Point of Reception ID POR66

Table with 2 rows: Point of Reception Description, Vacant Lot Receptor 17

Table with 3 columns: X, Y, Z. Values: 368747, 4906779, 128.0

Point of Reception ID POR67

Table with 2 rows: Point of Reception Description, Vacant Lot Receptor 18

Table with 3 columns: X, Y, Z. Values: 368966, 4906833, 125.2

Point of Reception ID POR68

Table with 2 rows: Point of Reception Description, Vacant Lot Receptor 19

Table with 3 columns: X, Y, Z. Values: 370294, 4906668, 126.3

Point of Reception ID POR69

Table with 2 rows: Point of Reception Description, Vacant Lot Receptor 20

Table with 3 columns: X, Y, Z. Values: 370400, 4906775, 126.9

Main source table with columns: Source ID, Source Description. Lists various MVPP and Transformer Station receptors.

Table for Point of Reception 16 with columns: Distance (m), Sound Level at PoR (dBA), Units (dBA). Lists noise data for 45 receptors.

Table for Point of Reception 17 with columns: Distance (m), Sound Level at PoR (dBA), Units (dBA). Lists noise data for 45 receptors.

Table for Point of Reception 18 with columns: Distance (m), Sound Level at PoR (dBA), Units (dBA). Lists noise data for 45 receptors.

Table for Point of Reception 19 with columns: Distance (m), Sound Level at PoR (dBA), Units (dBA). Lists noise data for 45 receptors.

Table for Point of Reception 20 with columns: Distance (m), Sound Level at PoR (dBA), Units (dBA). Lists noise data for 45 receptors.

Appendix H: Point of Reception Noise Impact



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

| Point of Reception ID POR65 | Point of Reception ID POR66 | Point of Reception ID POR67 | Point of Reception ID POR68 | Point of Reception ID POR69 |
|--|--|--|--|--|
| 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 ⁽²⁾ | 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 ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 | | | | |
| Vacant Lot Receptor 21 | | | | |
| X | Y | Z | X | Y |
| 370645 | 4906988 | 128.5 | 366624 | 4908749 |
| | | | | |
| | | | X | Y |
| | | | 366705 | 4908451 |
| | | | | |
| | | | X | Y |
| | | | 366917 | 4907854 |
| | | | | |
| | | | X | Y |
| | | | 368426 | 4908150 |
| | | | | |

| Source ID ^[1] | Source Description | Point of Reception 21 | | | Point of Reception 22 | | | Point of Reception 23 | | | Point of Reception 24 | | | Point of Reception 25 | | |
|--------------------------|--------------------|-----------------------|---|----------------------------|-----------------------|---|----------------------------|-----------------------|---|----------------------------|-----------------------|---|----------------------------|-----------------------|---|----------------------------|
| | | Distance (m) | Sound Level at PoR ^[3] (dBA) | Units ^[4] (dBA) | Distance (m) | Sound Level at PoR ^[3] (dBA) | Units ^[4] (dBA) | Distance (m) | Sound Level at PoR ^[3] (dBA) | Units ^[4] (dBA) | Distance (m) | Sound Level at PoR ^[3] (dBA) | Units ^[4] (dBA) | Distance (m) | Sound Level at PoR ^[3] (dBA) | Units ^[4] (dBA) |
| P1_U1 | MVPP P1_U1 | 2002 | 0 | dBA | 4005 | 0 | dBA | 3953 | 0 | dBA | 3874 | 0 | dBA | 2351 | 0 | dBA |
| P1_U2 | MVPP P1_U2 | 2132 | 0 | dBA | 3970 | 0 | dBA | 3928 | 0 | dBA | 3872 | 0 | dBA | 2359 | 0 | dBA |
| P1_U3 | MVPP P1_U3 | 2243 | 0 | dBA | 3944 | 0 | dBA | 3911 | 0 | dBA | 3873 | 0 | dBA | 2372 | 0 | dBA |
| P2_U1 | MVPP P2/U1_U1 | 2475 | 0 | dBA | 3642 | 0 | dBA | 3630 | 0 | dBA | 3641 | 0 | dBA | 2186 | 0 | dBA |
| P3_U1 | MVPP P3_U1 | 2324 | 0 | dBA | 3402 | 0 | dBA | 3377 | 0 | dBA | 3365 | 0 | dBA | 1898 | 0 | dBA |
| P3_U2 | MVPP P3_U2 | 2186 | 0 | dBA | 3369 | 0 | dBA | 3331 | 0 | dBA | 3293 | 0 | dBA | 1804 | 0 | dBA |
| P3_U3 | MVPP P3_U3 | 2034 | 0 | dBA | 3361 | 0 | dBA | 3308 | 0 | dBA | 3241 | 0 | dBA | 1732 | 0 | dBA |
| P3_U4 | MVPP P3_U4 | 1901 | 0 | dBA | 3363 | 0 | dBA | 3297 | 0 | dBA | 3204 | 0 | dBA | 1681 | 0 | dBA |
| P3_U5 | MVPP P3_U5 | 1760 | 0 | dBA | 3371 | 0 | dBA | 3292 | 0 | dBA | 3170 | 0 | dBA | 1637 | 0 | dBA |
| P3_U6 | MVPP P3_U6 | 1629 | 0 | dBA | 3385 | 0 | dBA | 3294 | 0 | dBA | 3145 | 0 | dBA | 1608 | 0 | dBA |
| P4_U1 | MVPP P4_U1 | 2731 | 0 | dBA | 2825 | 0 | dBA | 2832 | 0 | dBA | 2903 | 0 | dBA | 1571 | 0 | dBA |
| P4_U2 | MVPP P4_U2 | 2605 | 0 | dBA | 2803 | 0 | dBA | 2795 | 0 | dBA | 2837 | 0 | dBA | 1467 | 0 | dBA |
| P4_U3 | MVPP P4_U3 | 2489 | 0 | dBA | 2788 | 0 | dBA | 2766 | 0 | dBA | 2781 | 0 | dBA | 1375 | 0 | dBA |
| P4_U4 | MVPP P4_U4 | 2367 | 0 | dBA | 2779 | 0 | dBA | 2742 | 0 | dBA | 2726 | 0 | dBA | 1285 | 0 | dBA |
| P4_U5 | MVPP P4_U5 | 2246 | 0 | dBA | 2777 | 0 | dBA | 2724 | 0 | dBA | 2677 | 0 | dBA | 1203 | 0 | dBA |
| P6A_U1 | MVPP P6A_U1 | 3257 | 16 | dBA | 1178 | 16 | dBA | 1082 | 24 | dBA | 1107 | 23 | dBA | 753 | 25 | dBA |
| P6A_U2 | MVPP P6A_U2 | 3235 | 9 | dBA | 1155 | 9 | dBA | 988 | 21 | dBA | 869 | 20 | dBA | 759 | 23 | dBA |
| P6A_U3 | MVPP P6A_U3 | 3075 | 8 | dBA | 1324 | 8 | dBA | 1185 | 18 | dBA | 1085 | 17 | dBA | 574 | 20 | dBA |
| P7_9_U1 | MVPP P7/9/10_U1 | 4190 | 24 | dBA | 597 | 26 | dBA | 790 | 22 | dBA | 1311 | 18 | dBA | 1697 | 20 | dBA |
| P7_9_U2 | MVPP P7/9/10_U2 | 4115 | 25 | dBA | 517 | 26 | dBA | 672 | 24 | dBA | 1174 | 23 | dBA | 1613 | 21 | dBA |
| P7_9_U3 | MVPP P7/9/10_U3 | 4038 | 25 | dBA | 463 | 25 | dBA | 556 | 26 | dBA | 1027 | 25 | dBA | 1533 | 22 | dBA |
| P7_9_U4 | MVPP P7/9/10_U4 | 3971 | 24 | dBA | 453 | 24 | dBA | 465 | 28 | dBA | 891 | 27 | dBA | 1468 | 24 | dBA |
| P11A_U3 | MVPP P11A_U3 | 3909 | 14 | dBA | 618 | 13 | dBA | 329 | 30 | dBA | 360 | 32 | dBA | 1493 | 23 | dBA |
| P12_U1 | MVPP P12_U1 | 696 | 0 | dBA | 3710 | 0 | dBA | 3533 | 0 | dBA | 3192 | 0 | dBA | 1817 | 0 | dBA |
| P12_U2 | MVPP P12_U2 | 637 | 0 | dBA | 3754 | 0 | dBA | 3571 | 0 | dBA | 3213 | 0 | dBA | 1869 | 0 | dBA |
| P12_U3 | MVPP P12_U3 | 577 | 0 | dBA | 3824 | 0 | dBA | 3631 | 0 | dBA | 3250 | 0 | dBA | 1952 | 0 | dBA |
| P12_U4 | MVPP P12_U4 | 584 | 0 | dBA | 3844 | 0 | dBA | 3671 | 0 | dBA | 3334 | 0 | dBA | 1949 | 0 | dBA |
| P12_U5 | MVPP P12_U5 | 465 | 0 | dBA | 3925 | 0 | dBA | 3740 | 0 | dBA | 3374 | 0 | dBA | 2041 | 0 | dBA |
| P12_U6 | MVPP P12_U6 | 423 | 0 | dBA | 3978 | 0 | dBA | 3785 | 0 | dBA | 3404 | 0 | dBA | 2103 | 0 | dBA |
| P12_U7 | MVPP P12_U7 | 415 | 0 | dBA | 4042 | 0 | dBA | 3842 | 0 | dBA | 3443 | 0 | dBA | 2182 | 0 | dBA |
| P14A_U1 | MVPP P14A_U1 | 2360 | 0 | dBA | 2205 | 0 | dBA | 1959 | 18 | dBA | 1488 | 18 | dBA | 833 | 20 | dBA |
| P14A_U2 | MVPP P14A_U2 | 2385 | 0 | dBA | 2126 | 0 | dBA | 1889 | 18 | dBA | 1446 | 18 | dBA | 716 | 21 | dBA |
| P14A_U3 | MVPP P14A_U3 | 2418 | 0 | dBA | 2045 | 0 | dBA | 1819 | 13 | dBA | 1409 | 13 | dBA | 590 | 15 | dBA |
| P14A_U4 | MVPP P14A_U4 | 2461 | 0 | dBA | 1964 | 0 | dBA | 1750 | 14 | dBA | 1382 | 13 | dBA | 457 | 16 | dBA |
| P14A_U5 | MVPP P14A_U5 | 2489 | 0 | dBA | 1920 | 0 | dBA | 1715 | 14 | dBA | 1373 | 14 | dBA | 383 | 16 | dBA |
| P14A_U6 | MVPP P14A_U6 | 2535 | 5 | dBA | 1859 | 5 | dBA | 1668 | 14 | dBA | 1368 | 14 | dBA | 277 | 16 | dBA |
| P14A_U7 | MVPP P14A_U7 | 2142 | 0 | dBA | 2504 | 0 | dBA | 2253 | 16 | dBA | 1760 | 16 | dBA | 1057 | 18 | dBA |
| P14A_U8 | MVPP P14A_U8 | 2155 | 0 | dBA | 2424 | 0 | dBA | 2180 | 17 | dBA | 1708 | 17 | dBA | 938 | 18 | dBA |
| P14A_U9 | MVPP P14A_U9 | 2171 | 0 | dBA | 2360 | 0 | dBA | 2122 | 17 | dBA | 1670 | 17 | dBA | 838 | 19 | dBA |
| P14A_U10 | MVPP P14A_U10 | 2199 | 0 | dBA | 2280 | 0 | dBA | 2052 | 17 | dBA | 1629 | 17 | dBA | 709 | 19 | dBA |
| P14A_U11 | MVPP P14A_U11 | 2234 | 0 | dBA | 2204 | 0 | dBA | 1988 | 18 | dBA | 1597 | 18 | dBA | 580 | 20 | dBA |
| P14A_U12 | MVPP P14A_U12 | 2279 | 0 | dBA | 2129 | 0 | dBA | 1926 | 12 | dBA | 1573 | 12 | dBA | 441 | 14 | dBA |
| P14A_U13 | MVPP P14A_U13 | 2308 | 0 | dBA | 2089 | 0 | dBA | 1895 | 13 | dBA | 1566 | 12 | dBA | 362 | 14 | dBA |
| P14A_U14 | MVPP P14A_U14 | 2356 | 0 | dBA | 2034 | 0 | dBA | 1853 | 13 | dBA | 1561 | 13 | dBA | 244 | 15 | dBA |
| P14A_U15 | MVPP P14A_U15 | 1959 | 0 | dBA | 2638 | 0 | dBA | 2396 | 15 | dBA | 1923 | 15 | dBA | 1076 | 17 | dBA |
| P14A_U16 | MVPP P14A_U16 | 1977 | 0 | dBA | 2550 | 0 | dBA | 2317 | 16 | dBA | 1869 | 16 | dBA | 940 | 18 | dBA |
| P14A_U17 | MVPP P14A_U17 | 2007 | 0 | dBA | 2461 | 0 | dBA | 2239 | 16 | dBA | 1821 | 16 | dBA | 797 | 18 | dBA |
| P14A_U18 | MVPP P14A_U18 | 2045 | 0 | dBA | 2383 | 0 | dBA | 2172 | 17 | dBA | 1786 | 16 | 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 POR70 | | | Point of Reception ID POR71 | | | Point of Reception ID POR72 | | | Point of Reception ID POR73 | | | Point of Reception ID POR74 | | |
|--|---------|-------|--|---------|-------|--|---------|-------|--|---------|-------|--|---------|-------|
| 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 ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 |
| 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 POR75 | | | Point of Reception ID POR76 | | | Point of Reception ID POR77 | | | Point of Reception ID POR78 | | | Point of Reception ID POR79 | | |
|--------------------------|--------------------|---|-----------------------------------|----------------------------|---|-----------------------------------|----------------------------|---|-----------------------------------|----------------------------|---|-----------------------------------|----------------------------|---|-----------------------------------|----------------------------|
| | | 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 ⁽¹⁾ | Source Description | Point of Reception 26 | | | Point of Reception 27 | | | Point of Reception 28 | | | Point of Reception 29 | | | Point of Reception 30 | | |
| | | Distance (m) | Sound Level at PoR ⁽⁵⁾ | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽⁵⁾ | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽⁵⁾ | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽⁵⁾ | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽⁵⁾ | Units ⁽⁴⁾ (dBA) |
| P1_U1 | MVPP P1_U1 | 1179 | 0 | dBA | 4158 | 0 | dBA | 3848 | 0 | dBA | 3907 | 0 | dBA | 4061 | 0 | dBA |
| P1_U2 | MVPP P1_U2 | 1246 | 0 | dBA | 4192 | 0 | dBA | 3888 | 0 | dBA | 3951 | 0 | dBA | 4103 | 0 | dBA |
| P1_U3 | MVPP P1_U3 | 1311 | 0 | dBA | 4225 | 0 | dBA | 3925 | 0 | dBA | 3991 | 0 | dBA | 4141 | 0 | dBA |
| P2_1_U1 | MVPP P2/1_U1 | 1339 | 0 | dBA | 4085 | 0 | dBA | 3804 | 0 | dBA | 3880 | 0 | dBA | 4020 | 0 | dBA |
| P3_U1 | MVPP P3_U1 | 1090 | 0 | dBA | 3793 | 0 | dBA | 3512 | 0 | dBA | 3588 | 0 | dBA | 3727 | 0 | dBA |
| P3_U2 | MVPP P3_U2 | 940 | 0 | dBA | 3685 | 0 | dBA | 3398 | 0 | dBA | 3471 | 0 | dBA | 3613 | 0 | dBA |
| P3_U3 | MVPP P3_U3 | 785 | 0 | dBA | 3589 | 0 | dBA | 3294 | 0 | dBA | 3264 | 0 | dBA | 3510 | 0 | dBA |
| P3_U4 | MVPP P3_U4 | 652 | 0 | dBA | 3510 | 0 | dBA | 3210 | 0 | dBA | 3275 | 0 | dBA | 3425 | 0 | dBA |
| P3_U5 | MVPP P3_U5 | 514 | 0 | dBA | 3431 | 0 | dBA | 3123 | 0 | dBA | 3185 | 0 | dBA | 3338 | 0 | dBA |
| P3_U6 | MVPP P3_U6 | 392 | 0 | dBA | 3361 | 0 | dBA | 3047 | 0 | dBA | 3105 | 0 | dBA | 3261 | 0 | dBA |
| P4_U1 | MVPP P4_U1 | 1327 | 0 | dBA | 3489 | 0 | dBA | 3247 | 0 | dBA | 3340 | 0 | dBA | 3459 | 17 | dBA |
| P4_U2 | MVPP P4_U2 | 1193 | 0 | dBA | 3388 | 0 | dBA | 3138 | 0 | dBA | 3229 | 0 | dBA | 3351 | 18 | dBA |
| P4_U3 | MVPP P4_U3 | 1070 | 0 | dBA | 3297 | 0 | dBA | 3040 | 0 | dBA | 3128 | 10 | dBA | 3254 | 12 | dBA |
| P4_U4 | MVPP P4_U4 | 941 | 0 | dBA | 3201 | 0 | dBA | 2938 | 0 | dBA | 3023 | 10 | dBA | 3152 | 12 | dBA |
| P4_U5 | MVPP P4_U5 | 814 | 0 | dBA | 3109 | 0 | dBA | 2838 | 15 | dBA | 2920 | 16 | dBA | 3053 | 18 | dBA |
| P6A_U1 | MVPP P6A_U1 | 2052 | 25 | dBA | 1928 | 25 | dBA | 1805 | 26 | dBA | 1927 | 29 | dBA | 1981 | 33 | dBA |
| P6A_U2 | MVPP P6A_U2 | 2124 | 23 | dBA | 1640 | 24 | dBA | 1524 | 26 | dBA | 1648 | 32 | dBA | 1696 | 21 | dBA |
| P6A_U3 | MVPP P6A_U3 | 1922 | 20 | dBA | 1783 | 22 | dBA | 1631 | 23 | dBA | 1750 | 26 | dBA | 1817 | 23 | dBA |
| P7_9_10_U1 | MVPP P7/9/10_U1 | 2918 | 19 | dBA | 2430 | 19 | dBA | 2431 | 19 | dBA | 2560 | 20 | dBA | 2555 | 18 | dBA |
| P7_9_10_U2 | MVPP P7/9/10_U2 | 2867 | 21 | dBA | 2290 | 20 | dBA | 2293 | 20 | dBA | 2422 | 21 | dBA | 2416 | 19 | dBA |
| P7_9_10_U3 | MVPP P7/9/10_U3 | 2820 | 22 | dBA | 2141 | 21 | dBA | 2145 | 21 | dBA | 2274 | 22 | dBA | 2267 | 19 | dBA |
| P7_9_10_U4 | MVPP P7/9/10_U4 | 2782 | 23 | dBA | 2002 | 22 | dBA | 2008 | 22 | dBA | 2137 | 23 | dBA | 2129 | 19 | dBA |
| P11A_U3 | MVPP P11A_U3 | 2865 | 21 | dBA | 1498 | 18 | dBA | 1551 | 18 | dBA | 1677 | 18 | dBA | 1645 | 10 | dBA |
| P12_U1 | MVPP P12_U1 | 810 | 0 | dBA | 3015 | 0 | dBA | 2665 | 0 | dBA | 2679 | 0 | dBA | 2855 | 0 | dBA |
| P12_U2 | MVPP P12_U2 | 914 | 0 | dBA | 2996 | 0 | dBA | 2645 | 0 | dBA | 2653 | 0 | dBA | 2831 | 0 | dBA |
| P12_U3 | MVPP P12_U3 | 1067 | 0 | dBA | 2976 | 0 | dBA | 2624 | 0 | dBA | 2625 | 0 | dBA | 2803 | 0 | dBA |
| P12_U4 | MVPP P12_U4 | 869 | 0 | dBA | 3156 | 0 | dBA | 2806 | 0 | dBA | 2818 | 0 | dBA | 2994 | 0 | dBA |
| P12_U5 | MVPP P12_U5 | 1050 | 0 | dBA | 3127 | 0 | dBA | 2775 | 0 | dBA | 2778 | 0 | dBA | 2956 | 0 | dBA |
| P12_U6 | MVPP P12_U6 | 1162 | 0 | dBA | 3115 | 0 | dBA | 2763 | 0 | dBA | 2760 | 0 | dBA | 2939 | 0 | dBA |
| P12_U7 | MVPP P12_U7 | 1294 | 0 | dBA | 3108 | 0 | dBA | 2756 | 0 | dBA | 2746 | 0 | dBA | 2925 | 0 | dBA |
| P14A_U1 | MVPP P14A_U1 | 1700 | 21 | dBA | 1319 | 23 | dBA | 999 | 22 | dBA | 1060 | 21 | dBA | 1212 | 18 | dBA |
| P14A_U2 | MVPP P14A_U2 | 1650 | 21 | dBA | 1373 | 24 | dBA | 1067 | 23 | dBA | 1138 | 22 | dBA | 1282 | 19 | dBA |
| P14A_U3 | MVPP P14A_U3 | 1604 | 16 | dBA | 1440 | 18 | dBA | 1150 | 18 | dBA | 1230 | 17 | dBA | 1365 | 14 | dBA |
| P14A_U4 | MVPP P14A_U4 | 1566 | 17 | dBA | 1522 | 19 | dBA | 1248 | 19 | dBA | 1335 | 18 | dBA | 1463 | 15 | dBA |
| P14A_U5 | MVPP P14A_U5 | 1549 | 17 | dBA | 1571 | 19 | dBA | 1307 | 19 | dBA | 1398 | 19 | dBA | 1520 | 16 | dBA |
| P14A_U6 | MVPP P14A_U6 | 1531 | 17 | dBA | 1651 | 20 | dBA | 1400 | 20 | dBA | 1495 | 19 | dBA | 1611 | 17 | dBA |
| P14A_U7 | MVPP P14A_U7 | 1665 | 19 | dBA | 1422 | 20 | dBA | 1075 | 20 | dBA | 1103 | 19 | dBA | 1274 | 16 | dBA |
| P14A_U8 | MVPP P14A_U8 | 1596 | 19 | dBA | 1453 | 21 | dBA | 1114 | 20 | dBA | 1154 | 20 | dBA | 1320 | 17 | dBA |
| P14A_U9 | MVPP P14A_U9 | 1543 | 20 | dBA | 1486 | 21 | dBA | 1155 | 21 | dBA | 1205 | 20 | dBA | 1365 | 18 | dBA |
| P14A_U10 | MVPP P14A_U10 | 1481 | 20 | dBA | 1538 | 22 | dBA | 1219 | 22 | dBA | 1278 | 21 | dBA | 1432 | 18 | dBA |
| P14A_U11 | MVPP P14A_U11 | 1428 | 20 | dBA | 1599 | 22 | dBA | 1292 | 22 | dBA | 1361 | 22 | dBA | 1507 | 19 | dBA |
| P14A_U12 | MVPP P14A_U12 | 1383 | 15 | dBA | 1672 | 17 | dBA | 1380 | 17 | dBA | 1457 | 17 | dBA | 1596 | 14 | dBA |
| P14A_U13 | MVPP P14A_U13 | 1363 | 15 | dBA | 1718 | 17 | dBA | 1434 | 17 | dBA | 1514 | 17 | dBA | 1649 | 15 | dBA |
| P14A_U14 | MVPP P14A_U14 | 1340 | 15 | dBA | 1791 | 17 | dBA | 1519 | 17 | dBA | 1605 | 17 | dBA | 1733 | 16 | dBA |
| P14A_U15 | MVPP P14A_U15 | 1520 | 18 | dBA | 1602 | 19 | dBA | 1254 | 19 | dBA | 1276 | 18 | dBA | 1449 | 16 | dBA |
| P14A_U16 | MVPP P14A_U16 | 1432 | 18 | dBA | 1636 | 20 | dBA | 1295 | 19 | dBA | 1329 | 19 | dBA | 1498 | 17 | dBA |
| P14A_U17 | MVPP P14A_U17 | 1347 | 19 | dBA | 1685 | 20 | dBA | 1353 | 20 | dBA | 1400 | 20 | dBA | 1562 | 18 | dBA |
| P14A_U18 | MVPP P14A_U18 | 1279 | 19 | dBA | 1740 | 21 | dBA | 1419 | 20 | dBA | 1476 | 20 | 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
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 ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 POR80 | | | Point of Reception ID 0 | | | Point of Reception ID 0 | | | Point of Reception ID 0 | | | Point of Reception ID 0 | | |
|--|---------|-------|-------------------------------------|---|-----|-------------------------------------|---|-----|-------------------------------------|---|-----|-------------------------------------|---|-----|
| 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 ⁽¹⁾ | 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 ⁽³⁾ (dBA) | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽³⁾ (dBA) | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽³⁾ (dBA) | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽³⁾ (dBA) | Units ⁽⁴⁾ (dBA) | Distance (m) | Sound Level at PoR ⁽³⁾ (dBA) | Units ⁽⁴⁾ (dBA) |
| 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 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 ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽¹⁾ | 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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 ⁽³⁾ | Units ⁽⁴⁾ (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 |