

**Legend**

Noise Sensitive Receptor (with NSR ID)

- Noise Sensitive Receptor (Non-participating)
- Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
- Ⓜ Noise Sensitive Receptor (Non-participating, Church)
- Ⓜ Noise Sensitive Receptor (Participating, Museum)

Noise Barrier

- Substation Noise Barrier: 28' Height x 43' Length
- Area 5 Noise Barriers: 16' Height x 100' Length

- Control Building HVAC (Height: 7')
- Inverter SG3150 (Height: 10')
- Inverter SG3600 (Height: 10')
- Control Building (Height: 12')
- Substation Transformer (Height: 16')

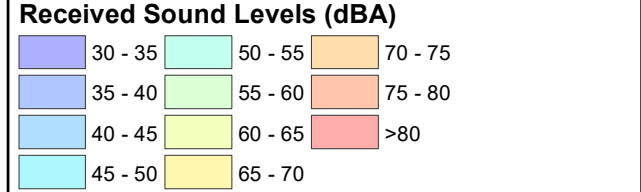
- Project Parcel/Non-participating Property
- Project Parcel/Participating Property
- Facility Site
- Project Site Boundary
- Municipal Boundary
- Utility ROW
- Kintigh Substation

3000ft Buffer

1500ft Buffer

Scale: 1:30,000

0 0.25 0.5 Miles



**Figure 7-1**  
Mitigated Full Operational Sound Levels, (dBA)  
Somerset Solar  
Niagara County, NY  
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021