

File 1622. Comments of Party Kathryn Hale and Jonathan Hale (and Monique Pezic) re
Proposed Solar Farm at Foster St., South Windsor, CT
Date June 13, 2024

Questions for Proposed Applicant

1. At what time of day, on what days and for how long an interval did you test the background noise at the site. Please provide copies of data.
2. At what location on the site did you model the background level noise? (If more than one location, please identify each location, and identify which location was used in the
3. Note that the summary of the "Noise" in the text failed to focus on the adjacent property most impacted by the sound. (L-1 which was 54 Orchard Hill Dr., not 178 Foster).
4. Did you test background noise at multiple locations on the site including the proposed location of the transformer? Please provide copies of data for each location and time of day and interval of testing.
5. Did you consider and scientifically model the noise impact of placing the transformer and other noise emitting equipment at other locations on the site? Provide Parties and the Town of South Windsor with all data for all alternatives considered.
6. How many methodologies exist in the scientific literature to buffer, deflect or reduce the sound emanating off the site, including but not limited to:
 - A. earthen berms,
 - B. enclosures (full or partial)
 - C. Installing engineered sound-buffering materials around transformer
 - D. Dense Plantings to buffer sound around sound-emitting equipment.
 - E. Repositioning of transformers or inverters to other locations on the site,
 - F. Dense plantings on the site adjacent to the property lines of all abutting residential properties.
 - G. Please list other sound-buffering technologies in the scientific literature besides those in 6A to 6F herein.Please state which methodology in 6A to 6G to would produce the greatest reduction in off-site sound when applied to this project. Provide results on a per address basis for each abutting residence.
7. PLEASE PROVIDE COPIES OF ALL STUDIES OR SCIENTIFIC INFORMATION REFERRED TO IN QUESTIONS 1 through 7 and 9 TO THE ADJACENT LANDHOLDER GROUP and to the Town of South Windsor.
8. Did you test or model the impact of sound emanating from the site at the living level of 54 Orchard Hill Dr, South Windsor (second story) or ground (walk-out basement) level? If measured at ground level please provide revised calculations for impact at living level (one level above ground level).