FUSCO ENGINEERING LAND SURVEYING, P.C. Consulting Engineers

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January 4, 2022

Donald Serotta, Chairman Town of Chester Planning Board 1786 Kings Highway Chester, NY, 10918

Re:

NY Solar 1001 LLC aka

Greycourt Road Solar 190 Greycourt Road

Town of Chester, Orange County, New York

Our File #CH-211

Dear Chairman Serotta,

We have reviewed the application package, long form EAF and plans for the above mentioned plan and offer the following:

Project:

Site Plan for Greycourt Road Solar

Zone:

OP Zone

Acreage:

22.9 Ac (691,229 SF)

SBL:

3 - 1 - 72

Material:

New application, Long Form EAF, Site Plan

Comments:

- 1. A landscaping plan is required. Buffer landscaping will be necessary for exposed areas to commercial traffic.
- 2. The plans do not clearly label the existing wetlands. It appears that there is construction proposed within wetland areas.
- 3. A Stormwater Pollution Prevention Plan indicates, in summary, that the peak storm flows will remain essentially the same since the underlying soils will revert back to existing conditions after the panels are installed and grass if fully established.

- a. While this may be true for the solar fields, this is not the case for the driveway access. Provide water quality treatment for the permanent disturbed areas of permanent site disturbance including utility pads, driveways, access roads, etc.
- b. All documents of the SWPPP must be fully executed.
- c. The area shown for the limits of disturbance on the plans do not match that which is shown on the eNOI.
- d. A much more detailed erosion and sediment control plan is needed for the overall site. Our experience indicates that substantial site disturbance occurs during construction of the panels and the underground utilities. Construction phasing is required, and sediment control needs to be address for each phase.
- e. Green infrastructure practices are required for all permanently altered surfaces. Provide GI design and design details as necessary.
- 4. A visual analysis should be provided to address visual impacts to all adjoining areas as well as areas determined to be of significant visual impact by the Planning Board. The engineer's response indicates that one was submitted but we haven't received anything to review.
- 5. Provide letter of no impact from SHPO. The response indicates that SHPO has responded but we have not received any documentation from them.
- 6. Provide a profile for the driveway with drainage proposed drainage improvements as necessary.
- 7. Provide suitable erosion and sediment control details on the plans.
- 8. Provide a driveway cross section detail.
- 9. Provide slope stabilization details on plans for steep slope disturbance, as well as all other erosion and sediment control details necessary.
- 10. The EAF needs to be updated per previous comments. Also, site plan approval and special use permit is required from the Town of Chester.
- 11. The decommissioning plan should be reviewed by the Planning Board. Also, a decommissioning bond is recommended to assure compliance and salvage cannot be included.
- 12. Provide sufficient detail to the Planning Board regarding the site contamination listed in the long form EAF.
- 13. A panel detail is required to be shown on the plans with a color rendering to see exactly what they will look like from various vantage points.
- 14. Provide a truck turning radius plan to verify suitable access and turnaround.
- 15. Provide a description of the total loss of agricultural land. It is our understanding that there is a 5-year rollback tax due on the total acreage to be converted from AG land to commercial.

Action:

- 1. 239GML
- 2. Intent to be Lead Agency under SEQRA.
- 3. Public hearing.

Please advise if you have any questions.

Very truly yours,

Alfred A. Fusco, Jr. P.E.

Fusco Engineering

& Land Surveying, P.C.

AAF/cam

Cc: Melissa Foote