LaBella
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February 6, 2020

Town of Manlius Town Board
301 Brooklea Drive
Manlius, NY 13066

RE: Letter of Intent: Source Renewable – Taft Road, Manlius

Dear Town Board Members:

Source Renewables is proposing the construction of one 3.45 MW-AC Photovoltaic Array with battery storage on lands of now or formally Gratzer Family Trust (Tax Parcel 34.00-1-20.1, located on the south side of Taft Road just east of the Dewitt town line. Per Town Code, Section 155-27.2, Solar Photovoltaic Energy Systems, Source Renewable is required to proceed through a Special Permit process to be approved by the Town and Planning Board because the solar array will be the principal use of the parcel. We are requesting to appear before the next Town Board meeting on February 12th to present the project.

The subject properties are a combined 17.3 acre parcel, currently zoned Restricted Agricultural and is currently vacant meadow. The parcel is bounded to the north by Taft Road, to the south and east by vacant land and to west by powerlines and farmland.

The proposed Solar Energy System for the property includes the installation of battery storage and approximately 263 solar tables consisting or 221 full tables with 56 panels/table and 42 half tables with 28 panels per table. There are 13,552 solar panels each standing approximately 9'± in height, 42±"' in length and 6.5±' in width. The tables will be spaced at 24.7' intervals. The array will be surrounded by a 6' high chain-link fence with 3-strands of barbed wire affixed to the top for security purposes. For visual screening, a landscape buffer will be planted along the Taft Road frontage.

The electricity produced by the array will be converted from DC power to AC power via string inverters situated under the array panels. The AC power will be collected and transformed to medium voltage power, which will then be sent out via utility distribution. The on-site transformer will be approximately 6' long, 6' wide and stand approximately 5' in height. The on-site main switchgear will be approximately 10' long, 2' wide, and stand 6' in height. The distribution services for the array will utilize the existing utility lines. Therefore no additional roadside powerlines will be required.

A wetland delineation was completed on the subject property by LaBella Associates in July 2019 and is still subject to final determination by the US Army Corps of Engineers. A wetland report will be produced under separate submittal once a final determination has been established. A NYSDEC Wetland permit will be required and obtained for installation of the solar array within the 100' wetland buffer and a USACOE permit will be required and obtained for the culvert installation within the existing ditch. Coordination with the New York State Historic Preservation Office and Federal Aviation Administration has been initiated and is pending. A report will be produced under separate submittal once results have been received. The application for interconnection to the utility grid will be submitted with formal plans before the next meeting.

Source Renewables is proposing that the array is utilized for Community Solar purposes. The Community Solar program will allow local residences and businesses to purchase power from the

array at a discounted rate compared to the current electricity provider. Source Renewables is excited to pursue this project within the Town of Manlius and looks forward to providing an opportunity for clean, alternative energy to the Town and its residents.

We submit the following for your review and consideration:

- Letter of Intent (12 copies)
- Special Permit Application (12 copies)
- Full Environmental Assessment Form (12 copies)
- Presentation/Concept Plan (12 copies)
- Application Fee Check for $2,450

We look forward to presentation of the project at the February 12th meeting. If you have any questions or require any additional information, please do not hesitate to contact me at (585) 402-7005

Respectfully submitted,

LaBella Associates

Drazen Gasic, CPSWQ, CPESC
Civil Renewables Manager