

**STATE OF VERMONT
PUBLIC UTILITY COMMISSION**

Petition of Saint Albans Solar, LLC for a)
Certificate of Public Good, pursuant to 30)
V.S.A. § 248, authorizing the installation and)
operation of a 4.9 MW solar electric) Case No. 17-____-PET
generation facility off of U.S. Route 7 in the)
Towns of St. Albans and Georgia, Vermont)
to be known as the “St. Albans Solar Project”)

SAINT ALBANS SOLAR, LLC’S PETITION FOR CERTIFICATE OF PUBLIC GOOD

Now comes Saint Albans Solar, LLC (“SAS”) and files this Petition, pursuant to 30 V.S.A. § 248 and Public Utility Commission (“Commission”) Rule 5.400, requesting the Commission to issue a Certificate of Public Good for the so-called St. Albans Solar Project (“the Project”).

By this Petition, SAS represents as follows:

1. SAS is a foreign limited liability company with principal offices at 3055 Clearview Way, San Mateo, CA 94402. SAS’s registered agent in Vermont is CT Corporation System, 400 Cornerstone Dr. #240, Williston, VT 05495.
2. The St. Albans Solar Project is a proposed solar electric generation project to be located on a 31 acre portion of a 42 acre (±) leased area of land located off of Route 7 in St. Albans and Georgia, Vermont. The Project site is owned by Vermont Organics Reclamation, Inc.
3. The nameplate capacity of the Project is 4.9 megawatts (“MW”) AC. The Project is expected to produce a net energy output (after DC to AC conversion) of 8,442 MWh per year. This is the equivalent of the annual electricity consumption of approximately 1,224 homes.
4. The St. Albans Solar Project, as a renewable energy resource, can contribute to the State meeting its energy and sustainability goals of obtaining 90 percent of its total energy from renewable sources by 2050. It can also help Green Mountain Power Corporation (“GMP”) meet its Renewable Energy Standard (“RES”) obligations.

5. SAS will also contribute positively to the local and State economy through the use of in-state suppliers, contractors, and consultants where commercially practicable, and the payment of property taxes.

6. The Project's equipment consists of the following: individual polycrystalline solar photovoltaic panels, a metal support structure under the panels to create south-facing arrays, underground electrical lines connecting the panels to the inverters and transformers, and above- and below-ground electrical lines from the array to the GMP distribution system. The individual panels are anticipated to be approximately 305 watts each (depending upon the final selection of a solar installer and panel manufacturer). While each panel may be somewhat less or more than 305 watts, the total project size will not exceed 4.9 MW (AC), and the Project's footprint will not materially change.

7. Approximately 22,477 (\pm) individual 305-watt solar panels will be used. The solar panels will be attached to steel and aluminum racking designed to hold the solar panels at a maximum height of approximately 10 feet. The panels will be tilted at 30 degrees and will face due south.

8. Three 1,632 kW inverters will convert the DC current generated by the solar panels into AC current. Three 2,000 kVA transformers will step up the voltage for interconnection to the GMP system. All electrical conduits and lines will be located underground from the solar panels to the equipment pads where the inverters and transformers will be located.

9. In support of this Petition, SAS submits testimony and exhibits that address each of the Section 248(b) criteria.

Request for Relief

WHEREFORE, SAS respectfully requests this Commission to:

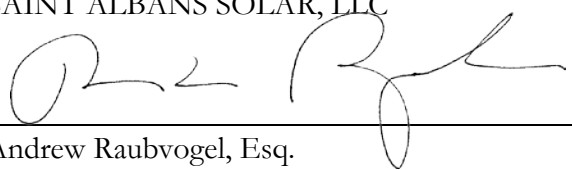
A. Hold a prehearing conference as expeditiously as possible on the Petition;

- B. Hold technical hearings, if the Commission determines such hearings are necessary;
- C. Render a decision on this Petition as soon as possible;
- D. Make findings as required by 30 V.S.A. § 248 finding that SAS shall be authorized to construct and operate a 4.9 MW solar electric generation facility off of Route 7 in St. Albans and Georgia, Vermont, and that the Project will promote the general good of the State of Vermont;
- E. Authorize SAS to undertake the actions described herein and in the attached testimony and exhibits, and issue a Certificate of Public Good to that effect; and
- F. Take such other action as may be required for the expeditious review and approval of this Petition.

Dated at Burlington, Vermont, this 7th day of July, 2017.

SAINT ALBANS SOLAR, LLC

By: _____


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