

## Candlewood Solar – Project Benefits

The Project provides both economic, environmental, and grid infrastructure benefits that will accrue locally and regionally. These are described further below.

### Environmental Benefits:

- The Project will generate 34 million kilowatt hours per year of clean, emission free electricity that will be fed directly into the NE ISO grid. This generated power will offset the equivalent of over 25 million pounds of coal being burned for electricity production. Alternatively, it is equivalent to the sequestering of CO<sub>2</sub> by over 22,000 acres of forest land.
- The Project will contribute to reducing the need to add additional fossil fuel generation capacity to the NE ISO grid to meet electricity demand in the future, thereby further reducing the region's dependence on fossil fuels, and improving air and water quality in the state of Connecticut and the New England region.

### Economic Benefits:

- As described in other sections of this petition, the petitioner has worked closely with the Town of New Milford in developing a PILOT agreement that provides for payment of over \$2.7 M in taxes for the system over 20 years. This is over a five-fold increase in the tax revenue currently being generated by the property where the Project is sited, and will be a significant economic benefit to Town finances.

- The construction of the Project will likely take approximately 6 months, and will generate local jobs. The petitioner previously conducted an analysis of the project using NREL's Jobs & Economic Development Impact Model (JEDI) tool. The JEDI model projected potential creation of over 250 construction jobs and over 30 operation jobs. These will potentially be in the areas of surveying, system installation, landscaping and site work and utility work. As part of the PILOT agreement, the Petitioner agreed with the town to make commercially reasonable efforts to give preference to local contractors, subcontractors, and workers to install, construct, and maintain the Facility. The Petitioner will also provide a written report to the Town prior to the construction outlining the percentage of work for local contractors and workers. The report will be updated on the commercial operation date to show the Petitioner's actual usage of local contractors, subcontractors and workers during the installation and construction of the Project.

#### Grid Infrastructure Benefits:

- Eversource Energy selected the Project because it will provide deliveries into the ISO-NE forward capacity market, thus standing ready to provide energy during constrained periods. The ability to deliver energy during constraints is due to its location and interconnection to the 345 KV high voltage transmission line.

