

Silverline Energy Center

Project Overview

- » Located in the Town of Lansing in Tompkins County, New York.
- » Owned and operated by a subsidiary of NextEra Energy Resources, LLC.
- » A 150-megawatt photovoltaic solar energy generating facility.
- » Expected to begin commercial operation in 2029.

About NextEra Energy Resources

- » A leading clean energy provider operating wind, natural gas, solar and nuclear power plants.
- » Generating clean, renewable energy while protecting the environment and giving back to the community.
- » Generating facilities across the United States and in Canada.
- » Nearly all of the electricity generated comes from clean or renewable sources.
- » A subsidiary of NextEra Energy, Inc., one of America's largest capital investors in infrastructure.

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Project Benefits

- » Represents a potential capital investment of millions.*
- » Expected to generate millions in additional tax revenue.*
- » Supports the local economy through purchases of regional goods and services.
- » Infuses revenue into local landowners diversifying their income.
- » Creates no air or water pollutants, uses no water resources to generate electricity.

*Estimated over the life of the project

How the Silverline Energy Center Will Work

- 1) As light hits the solar panels, the solar energy is converted into direct current (DC) electricity.
- 2) The direct current flows from the panels into power inverters and is converted into altering current (AC) electricity, which is suitable for use by homes and businesses.
- 3) The AC electricity from the power inverters is collected using cables and delivered to a central electrical substation, where it passes through a power transformer.
- 4) The electricity travels through transformers, and the voltage is boosted for delivery onto the transmission lines.
- 5) Clean, renewable, American-made solar electricity is delivered to homes and businesses.

