

Central East Energy Connect

Marcy to New Scotland Upgrades to Solve New York State's Energy Bottleneck



In New York State, opportunities for renewable energy are endless, thanks to solar, wind, and hydroelectric sources.

New York's North Country is a major supplier of renewable energy – home to more than 60 percent of the state's existing renewable capacity, including 80 percent of all small-scale hydropower generators statewide. Unfortunately, the state's electric transmission lines don't have the capacity to deliver a large amount of New York's clean energy resources to major population centers where it is needed most. Energy bottlenecks, caused by limited capacity on the transmission lines, stunt economic growth and force electric users to pay hundreds of millions of dollars annually in higher energy bills.

Through the installation of new, high-capacity infrastructure in existing corridors, LS Power Grid New York's project supports state policy objectives to reduce this bottleneck and improve grid reliability. This project complements several other transmission projects underway across New York State. Together, these projects will enable electricity to flow more efficiently, make the grid more reliable and resilient, and support new renewable energy resources.

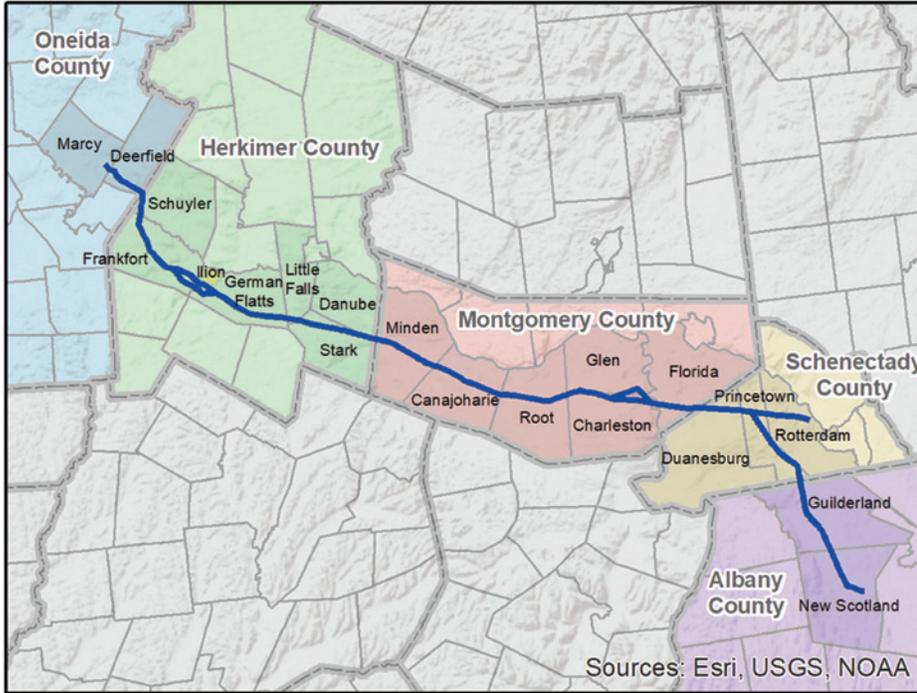
Imagine New York's electric transmission lines as a busy roadway. If the road is crammed with traffic, it can be nearly impossible for incoming drivers to enter the flow unless the congestion is relieved. Likewise, upgrading these particular transmission lines will help ensure that energy from renewable-rich areas of Western and Northern New York, including clean hydropower from the state's hydroelectric plants, will be able to reach consumers statewide. In doing so, the project helps support New York's forward-looking clean energy goals.

LS POWER GRID NEW YORK'S UPGRADES WILL BENEFIT NEW YORK STATE BY:

- **SUPPORTING RENEWABLE ENERGY** – Today's congested lines create bottlenecks, limiting the amount of renewable energy that can be carried throughout the state.
- **REBUILDING AGING INFRASTRUCTURE** – Utilizing existing corridors, the project will replace some facilities that are nearly 60 years old with modern technology to enhance reliability and efficiency.
- **LOWERING ELECTRICITY COSTS** – By relieving congestion, the most efficient generators can more consistently meet electrical demand.
- **CREATING LOCAL JOBS** – LS Power Grid New York is hiring New York State-based workers and businesses to help complete this project.

PROJECT LOCATION

The project is designed to use existing transmission rights of way throughout parts of the counties and towns shown below. Open discussions with these communities helped refine the project scope to upgrade the existing infrastructure rather than acquiring a new energy corridor.

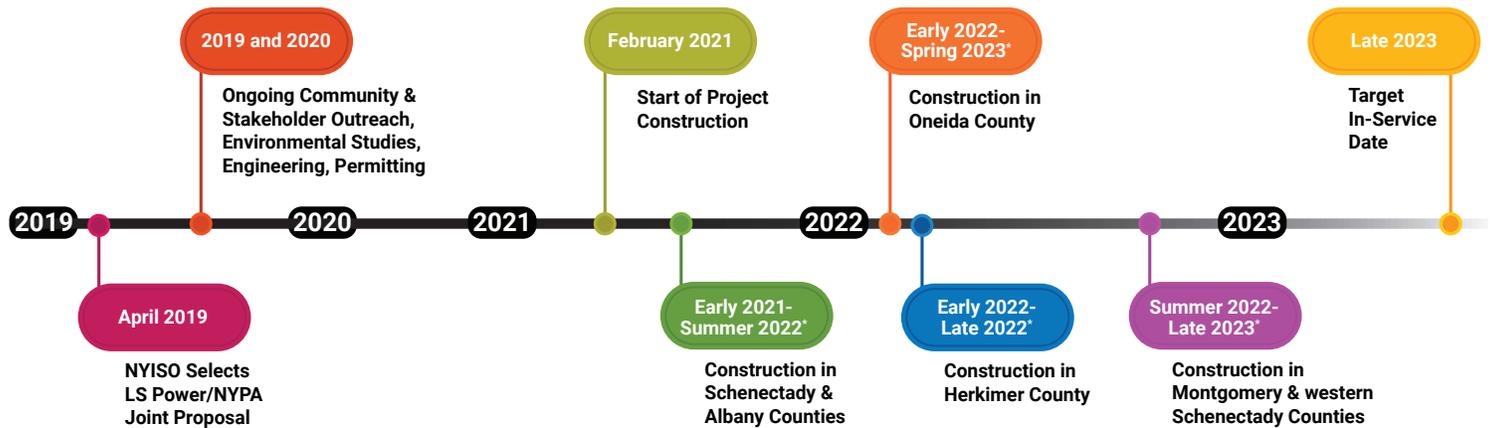


Innovation and Investment in Energy

Founded in 1990, LS Power is an employee-owned developer, investor, and operator of power generation, transmission, and energy infrastructure projects in North America. LS Power has since invested over \$47 billion to construct, acquire, and operate energy projects – generating more than 45,000 MW of power and over 660 miles of transmission infrastructure and creating thousands of construction and operations jobs in communities throughout the country. In every LS Power project, the company's development philosophy centers on meeting the needs of customers by providing safe, reliable, competitive energy, protecting the environment, and working together with local communities.

PROJECT TIMELINE

Background: The roots of the project stretch back to 2012 when the New York State Public Service Commission (PSC) invited utilities companies to submit initial project ideas to achieve the objectives of the New York Highway Energy Blueprint – which has evolved to become the current Clean Energy Highway Blueprint. The PSC reconfirmed in 2014 the need to address bottlenecks along the Mohawk Valley and Hudson Valley. This led to NYISO's 2016 issuance of a request for proposals to relieve these bottlenecks, in which LS Power Grid New York and NYPA jointly submitted solutions.



* Planned dates for major activities. Certain minor scopes may occur outside these windows



KEEPING YOU INFORMED

For updates and more information about the project, visit:

www.LSPGridNewYork.com

or call (518) 888-2047

Article VII Case No. 19-T-0549 at on.ny.gov/30wYSrU