

Designing and Permitting a Commercial Solar + Storage Installation in NYC

Client Challenge

A long time residential and commercial client came to Sologistics with a unique challenge. They had just signed a contract with a New York City commercial real estate developer for a solar and battery storage solution. With solar + storage system design requirements in NYC still under review and largely undocumented, it was unclear how to design and permit a solar energy and storage solution.

With tight deadlines, they needed an expert in the NYC market that could apply experience and expertise in solar systems to energy storage systems, and ultimately get designs and permitting done quickly, and correctly the first time.

Solution: Expert NYC Solar Design and Permit Expediting Services

Sologistics assembled an expert team of project management, production and quality control experts to research, coordinate, and manage the process closely. The project was managed on Greenlight, Sologistics' purpose-built solar project management platform so the client was informed automatically every step of the way and was able to approve documents and applications anytime, and from anywhere.

Key to the project's success was foundational research and analysis of location-specific requirements, National Electrical Code (NEC) requirements, and technology-specific requirements, as well as close collaboration and conversation with the key policymakers. With knowledge in hand, the Sologistics team was able to interface and efficiently coordinate with CUNY's Solar Ombudsman, the Department of Buildings, the Utility Company, the Fire Department and NYSERDA to move this project quickly through one of NYC's first solar + storage installations.

The organizations above have since produced a [guidebook](#) to permitting lithium-ion outdoor systems in NYC to increase transparency surrounding the process.

Sologistics' Expertise in NYC Enabled a Successful Project and a New Market Opportunity for the Developer

As a result of involving and conferring with AHJ's throughout the process as well as responding to their input before important checkpoints, all inspections were passed the first time and the project proceeded unimpeded.

The client now confidently offers solar + storage projects as part of its solutions portfolio - saving money for their customers and getting that step closer to New York's goal of 50% renewable generation by 2030, and 80% reduction in emissions by 2050.



“Our experience in NYC, and the unique challenges in designing and permitting solar systems here, prepared us well to anticipate the concerns of the DoB for battery storage. This client is on the leading edge of real estate development and passionate about blazing new trails in sustainable solutions. It was inspiring to work with them on this project.”

- **Kimoya Francis, Sologistics Project Manager**

About Sologistics

Sologistics provides design & engineering, permit expediting, and utility interconnect services for commercial and residential solar and energy storage developers. Its unmatched regulatory and process expertise in New York and the Tri-State area enables clients to market and sell solar projects with the confidence that they will be approved and permitted quickly and without issue. Sologistics manages all projects on Greenlight, its purpose-built solar project management platform, enabling clients to stay informed and approve next steps from anywhere and at any time. Visit www.sologistics.us.