



**NY Power
Authority**

KATHY HOCHUL
Governor

JOHN R. KOELMEL
Chairman

JUSTIN E. DRISCOLL
President & Chief Executive Officer

Dear Neighbor,

The New York Power Authority (NYPA) is reaching out to share information about an upgrade to an electrical substation planned in your community. NYPA is upgrading its existing Uniondale Hub Substation (formerly known as the East Garden City Substation) to support the interconnection of transmission and facilitate the delivery of energy to address increasing demand.

What does the upgrade entail?

The upgrade to the substation will entail building additional new infrastructure on approximately 2.5 acres of existing utility-owned property adjacent to the current Uniondale Hub Substation. The new structure will be enclosed, which offers many advantages in terms of aesthetics, safety and operations. Construction will take place within the fence line of the property.

What is the project timeline?

After receiving approvals, construction is anticipated to start in mid-2026 and is estimated to be complete in mid-2029.

What is the permitting process for the project?

NYPA will initiate the permitting process for the project this month (April 2025) with the submission of an amendment application through the New York Public Service Commission's (PSC) Article VII Process. This key permitting process includes environmental, engineering and construction review, as well as proactive community outreach to inform stakeholders and receive feedback.

Enclosed is the Article VII Public Notice. The Article VII amendment application will be available for public review in local libraries noted in the Public Notice. Additionally, documents can be viewed on the PSC's website, utilizing the project case number 22-T-0351 – <https://documents.dps.ny.gov/public/common/search.html>.

We look forward to keeping you informed about this upgrade project. Regular updates and information will be provided on our website (www.nypa.gov/UniondaleHub). Please reach out if you have any questions or concerns.

Sincerely,

James Certa
Director, Community Relations for Long Island
New York Power Authority

Project Information and Contact:

Send an email: UniondaleHub@nypa.gov

Call for information: 914-681-6611

Visit our website: www.nypa.gov/UniondaleHub

PUBLIC NOTICE

APPLICATION OF THE NEW YORK POWER AUTHORITY TO FILE A PETITION TO AMEND THE CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED ISSUED BY THE NEW YORK STATE PUBLIC SERVICE COMMISSION IN CASE 22-T-0351, FORMERLY CASE 70365

PLEASE TAKE NOTE THAT, on or about April 20, 2025 the New York Power Authority (NYPA or the Applicant) will file an application (the Application) with the New York State Public Service Commission (NYSPSC) to amend the Certificate of Environmental Compatibility and Public Need (Certificate) issued on May 18, 1988, in Case 70365, pursuant to Article VII of the New York Public Service Law (PSL) to construct, maintain, and operate Y-49 Sound Cable Project (the Project).

In general, NYPA is proposing an expansion of the existing East Garden City Substation (to become known as the Uniondale Hub Substation with a new 345 kilovolt (kV) Gas insulated Substation (GIS)). The existing substation is located at 600 Stewart Avenue, in the Town of Hempstead, Nassau County, New York. The proposed Uniondale Hub Substation will be located at 550 Stewart Avenue in the Village of Garden City, Nassau County, New York.

This Project is designated as an upgrade facility by the New York Independent System Operator (NYISO) as part of the Long Island Public Policy Transmission Need (PPTN). As such, the Applicant has exercised its right to construct, own, and operate this Project as part of the New York State (NYS) electrical grid to enhance resiliency and reliability within Long Island and the rest of New York State. The Project is classified as an Amendment because the Applicant will be shifting the termination location of the originally certificated Y-49 transmission line, part of the 1987 Article VII Long Island Sound Cable Project (Case 70365), to the newly proposed Uniondale Hub Substation. In 2022, the Commission approved a major change to the Y-49 Environmental Management & Construction Plan for a transmission cable replacement and installation of additional manholes throughout the Nassau County portion of the facility (Case 22-T-0351).

The new substation will be engineered, constructed, tested, commissioned and energized as part of the Long Island PPTN. The new substation, a 345kV, 63 kiloampere, 4000 ampere substation will be fully enclosed in a building and optimally designed to provide efficient construction and operation. The following equipment will be installed as part of the Project:

- A metal enclosure (230 feet long by 70 feet wide by 50 to 53 feet high) with a 345 kV modular GIS consisting of four bays of breakers;
- Three shunt reactors and two-phase angle regulators (PAR) (one PAR will be connected to the GIS and one will be stationed as a spare);
- Firewalls installed between the enclosure and the major outdoor equipment in accordance with NYPA Standards;

- A relay and control mezzanine, approximately 70 feet wide by 132 feet long, to house various protective relays, instruments, controls for the station, as well as alternating current (AC) and direct current (DC) power panels and the DC batteries; and
- Two station service transformers and AC service centers, to be located outside of the GIS enclosure on a separate concrete foundation.

The combined control building and GIS will be completely indoors to reduce the footprint of the Project and the construction schedule, to provide a more favorable operating environment for equipment, reduce potential visual and sound impacts, and will produce long-term operational benefits. The proposed building will be approximately 50 to 53 feet in height. Shunt reactor and PAR systems will be consolidated to enable greater access and to simplify the replacement of the PAR. Battery houses will be used to reduce environmental impacts in the control room, and a diesel generator will provide provisions in case of distribution electrical outage. The optimization of the site layout allows ease of future access and expansion.

The second floor will use shared infrastructure, including heating, ventilation, and air conditioning, electrical systems, and security measures, reducing the construction, maintenance, and operational costs. The gas insulated bus length has been reduced to lessen the sulfur hexafluoride (SF₆) gas usage and leak potential, reducing the cost of maintenance. The new GIS system can be modified to operate with a substantially reduced volume of SF₆ insulating gas.

The Site will have two permanent entrances off Stewart Avenue, a main entrance and a loading entrance. The main entrance will be via a 30-foot-wide access drive off Stewart Avenue on the west side of the Site. There is an existing 26-foot sliding gate along this access drive that will stay in place. An additional 24-foot-wide sliding gate will be added to the north of the existing gate. This entrance will be used during construction for equipment delivery.

The substation will be completely enclosed with an approximately seven-foot-high chain link fence topped with barbed wire (total height with barbed wire of eight feet).

Parking for workers during construction will be in the Roosevelt Field Mall just north of the Project Site and shuttle buses will be used to transport employees to the Project Site.

NYP&A is proposing to build the new Uniondale Hub Substation directly adjacent to its existing 345kV substation in the Village of Garden City. There will be underground connections between the new Uniondale Hub Substation and the existing substation, therefore the Project is located both in the Village of Garden City and the Town of Hempstead.

The new substation will be constructed in the northern half of the 5.3-acre vacant lot on the western side of the existing substation. The Project Site totals 4.51 acres, 2.76 acres on a parcel in the Village of Garden City and 1.75 acres within the existing substation in the Town of Hempstead. The Project limits-of-disturbance total 3.34 acres, 2.76 acres within the Village of Garden City and 0.58 acre in the Town of Hempstead. The parcels on which the Uniondale Hub Substation Upgrade Project and existing substation are located are presently owned by the Long Island Power Authority and will be leased by NYP&A. There will be approximately 0.59 acre of vegetation clearing associated with the Project.

An electronic copy of the Application will be served upon the entities identified in the Application's service list, including certain government officials located in, or representing, constituents within the municipalities where the Project will be located; and required State agencies. In addition, the Application will be available for review at the following libraries:

Uniondale Public Library
400 Uniondale Avenue
Uniondale, New York 11553

Garden City Public Library
60 7th Street
Garden City, New York 11530

For information or assistance concerning the Application, interested persons may contact:

Hon. Michelle L. Phillips
Secretary to the Commission
New York State Public Service Commission
3 Empire State Plaza
Albany, New York 12223-1350
Telephone: (518) 474-2500
Fax: (518) 474-9842
Email: secretary@dps.ny.gov

Additional information is also available at the Project's website, www.nypa.gov/UniondaleHub.