



# Project Overview

December 2025 Update

Please visit [PropelNYEnergy.com](https://PropelNYEnergy.com) for more information



NEW YORK STATE

NY Power Authority

New York Transco  
Building a Clean Energy Future Together

# About Our Team



- Largest state public power utility in the US
- Operate 17 generating facilities
- Operate 1,500+ circuit miles of transmission lines
- Generates ~25% of state's power; 80%+ of that power is clean, renewable hydropower

[www.nypa.gov](http://www.nypa.gov)



- NY developer, owner & operator of bulk electric transmission facilities
- Owns and operates nearly 120 miles of transmission lines in NY and several substations

[www.nytransco.com](http://www.nytransco.com)



- Headquarters in New York City
- Helping clients plan and execute complex energy projects since early 1900s
- A leader in designing and maintaining power transmission systems

[www.wsp.com](http://www.wsp.com)

NY focused and experienced in innovative solution development, permitting and execution

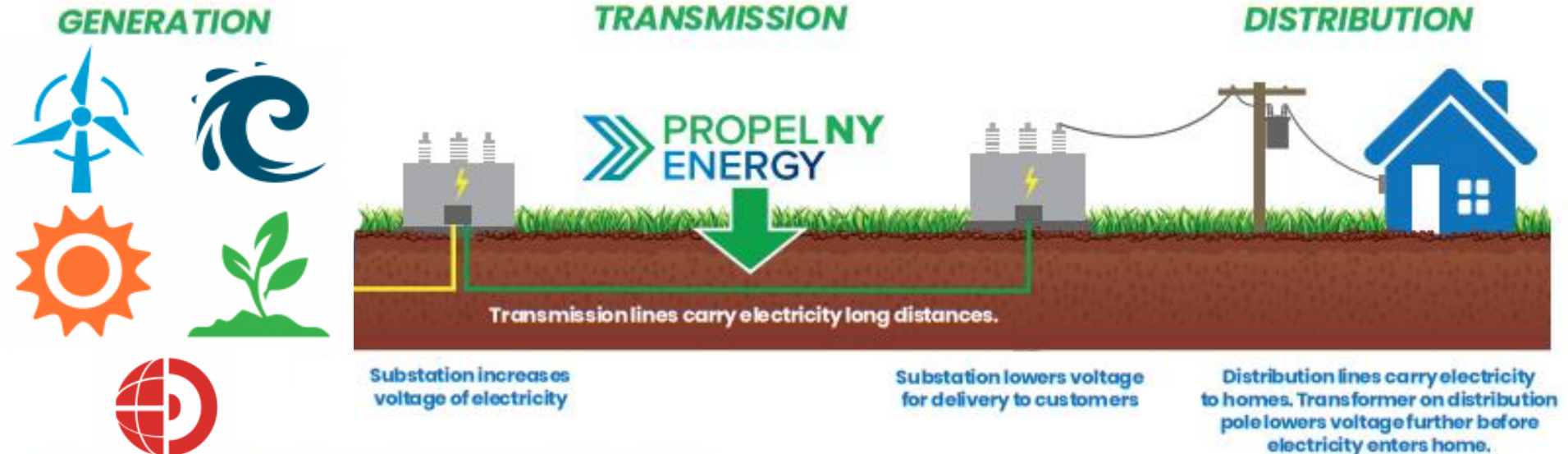
# Propel NY & Energy Delivery

## We are **NOT**:

- a battery storage project
- an offshore wind project
- tied to any one generation source
- Permitted through the RAPID Act

## We **ARE**:

- a core infrastructure for all generation sources
- an underground electric transmission project
- a project that benefits local areas & state
- Permitted through NYS Article VII



*This is a generalized schematic. Actual components may vary based on individual project routing.*

# Transmission is Core Infrastructure

Vital for 21<sup>st</sup> century needs & economic growth of communities

## Why is it important?



Critical component to daily life  
24/7, 365



Essential highways that  
transport energy



Every \$1 invested yields \$2.40  
in economic activity\*  
\*2011 Brattle Report



Supports local,  
family-sustaining jobs

## Why does it need improvement?

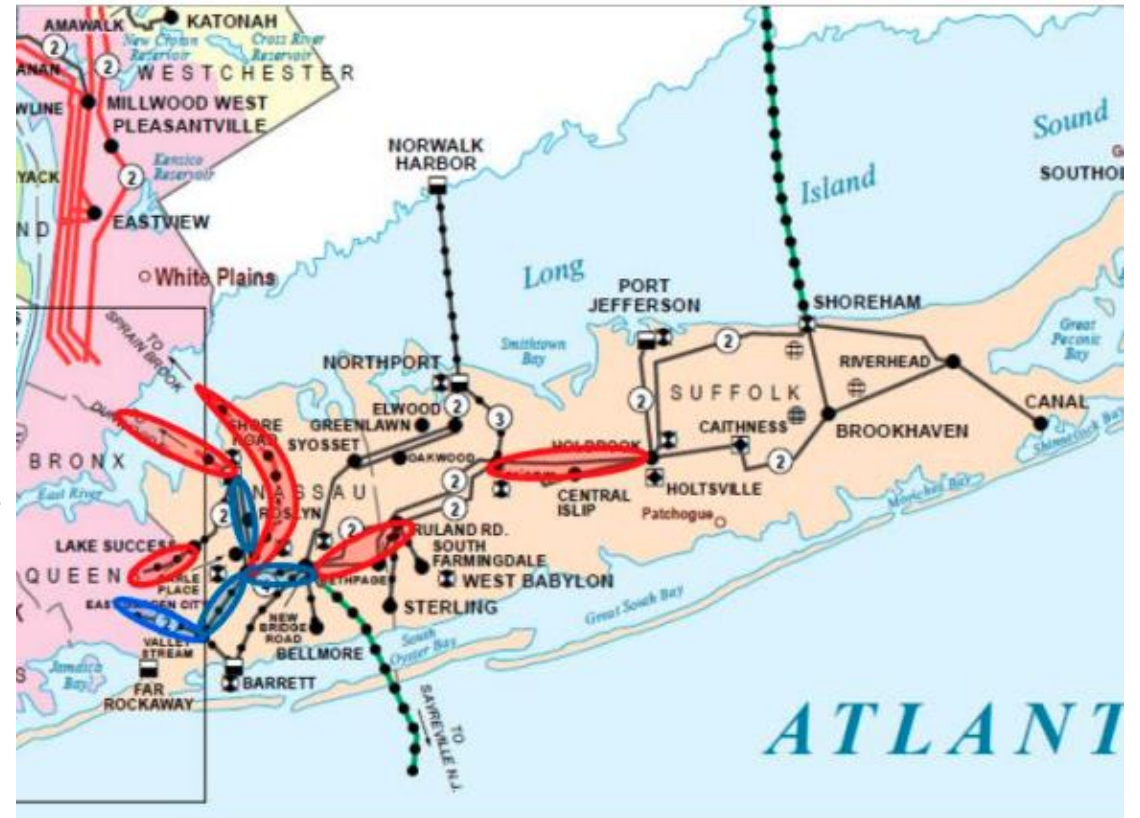
- **Aging Infrastructure:** 80% of NYS's transmission built before 1980s
- **Increase in Demand:** Est. 50-90% growth in the next 20 years
- **Electrification:** Increase dependency on electrical devices (ex. Long Island leads NYS in EV ownership\*)
- **Extreme Weather:** Increase in frequency & ferocity of storms to vulnerable areas
- **Congestion:** bottlenecks on existing transmission lines

\*\*"Driving an electric vehicle on Long Island," Molloy University, Feb. 16, 2024

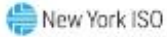
# New York State Transmission Need

## Selected by New York Independent System Operator (NYISO)

- » **March 2021:** NYS PSC Identified Need
- » **Summer 2021- June 2023:** NYISO selection through a competitive process
  - » Bolster reliability & resiliency
  - » Unbottle constraints
  - » Expand transfer capability within New York State
  - » Facilitate transition to clean energy
- » **Propel NY selected as the “more efficient or cost-effective solution”**



# 10/14/25 NYISO Reliability Report



## Q3 Short-Term Assessment of Reliability (STAR)

COMPREHENSIVE SYSTEM PLANNING



### Reliability violations arise in New York City in 2026 and in Long Island in 2027

The 2025 Q3 Short-Term Assessment of Reliability (STAR), covers the five-year period of July 15, 2025, to July 15, 2030, and examines expected peak electricity demand, planned transmission system upgrades, and variations in the mix of power generation to proactively address needs that may arise due to changes to the grid.

As a result, solutions will be solicited, evaluated, and addressed in accordance with the NYISO Short-Term Reliability Process.

The needs may be addressed with additional generation, demand-side solutions, and/or transmission solutions.

#### Key drivers impacting reliability margins overall

The reliability needs are driven primarily by the deactivation of certain generators necessary to serve reliability and increasing consumer demand. The STAR also finds that the reliability needs persist without the completion of planned projects, and the risk of deficiencies is even greater when considering a range of plausible futures.

Once the Champlain Hudson Power Express (CHPE), Empire Wind, Sunrise Wind, and Propel NY Public Policy transmission project enter service and provide power as planned, reliability margins improve substantially. However, the margins gradually erode thereafter as forecasted demand for electricity grows.



#### Factors affecting New York City transmission security margin

The New York City reliability need is based on a deficient transmission security margin. Transmission security is the grid's ability to withstand disturbances such as electric short-circuits or unanticipated loss of system elements that can risk the grid's ability to safely and reliably deliver electricity.

The demand forecast accounts for:

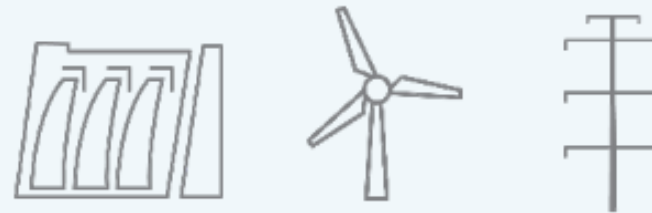
- Expected weather
- Population and economic growth
- Energy efficiency
- Installation of behind-the-meter renewable energy resources
- Electric vehicle adoption and charging patterns



Reliably managing New York's power grid & wholesale energy markets since 1999

## Reliability violations arise in New York City in 2026 and in Long Island in 2027

Once the Champlain Hudson Power Express (CHPE), Empire Wind, Sunrise Wind, and Propel NY Public Policy transmission project enter service and provide power as planned, reliability margins improve substantially. However, the margins gradually erode thereafter as forecasted demand for electricity grows.



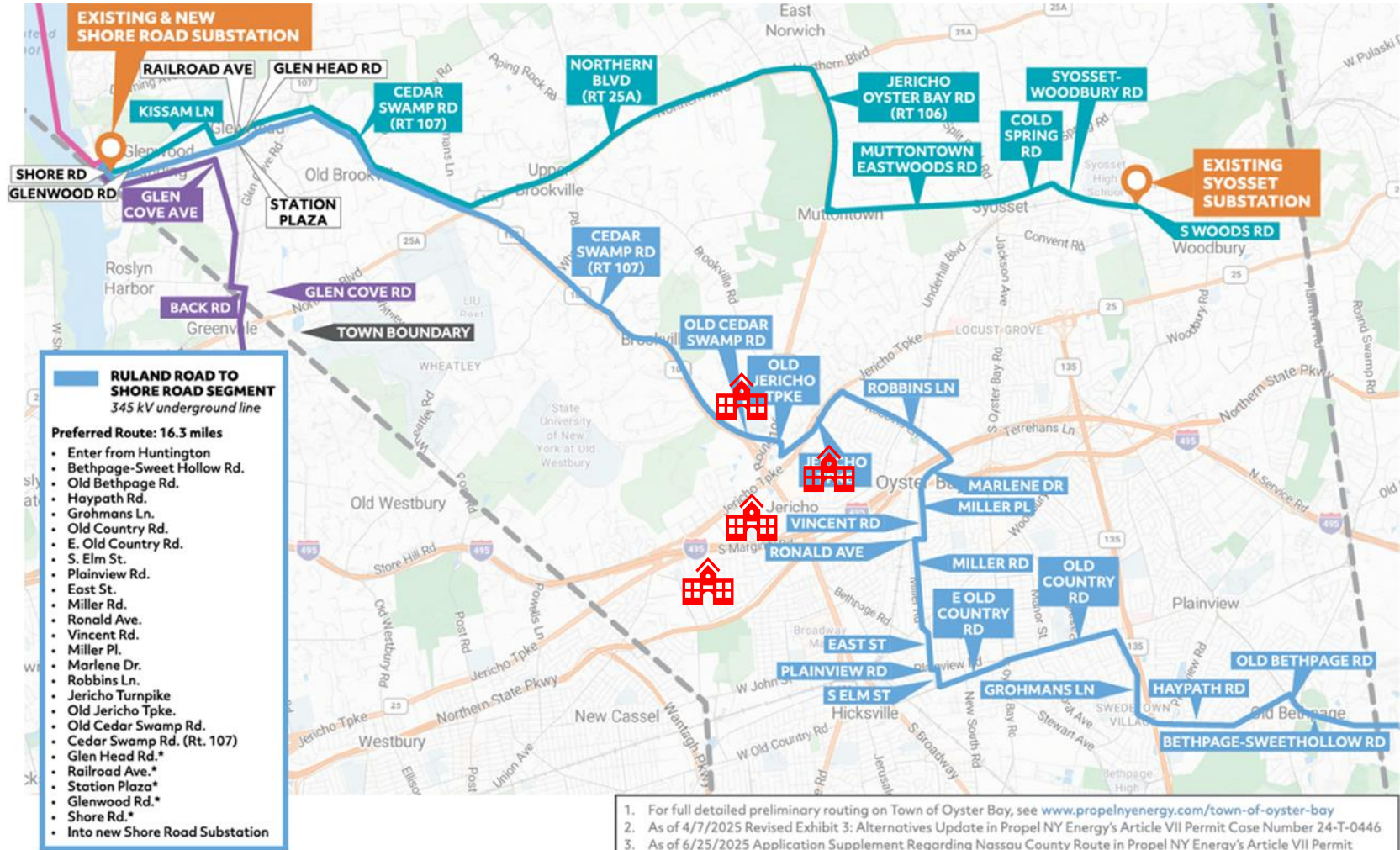


- 3 ties connecting Long Island to statewide grid
- Est. 90 miles new transmission
  - 6 new 345kV lines
  - 1 new 138kV line
- Lines are bi-directional
- 3 new electrical stations
- Nassau, Suffolk, Queens, Bronx and Westchester Counties
- Creates a 345kV resilient backbone
- Greater system reliability, resiliency and redundancy
- Construction – est. 2026-2030  
Operational – May 2030

# Town of Oyster Bay

## Jericho School District

- Cantiague Elementary School
- George A. Jackson Elementary School
- Jeffrey Ratner Robert Seaman Elementary School
- Jericho Middle School
- Jericho High School



1. For full detailed preliminary routing on Town of Oyster Bay, see [www.propelnyenergy.com/town-of-oyster-bay](http://www.propelnyenergy.com/town-of-oyster-bay)
2. As of 4/7/2025 Revised Exhibit 3: Alternatives Update in Propel NY Energy's Article VII Permit Case Number 24-T-0446
3. As of 6/25/2025 Application Supplement Regarding Nassau County Route in Propel NY Energy's Article VII Permit Case Number 24-T-0446

• Roads have co-located areas labeled in white boxes on the map

# The Highlights

## **Permitting – continues to progress at all levels**

- Past NYS PSC Public Statement Hearings have included: 4/29/25 (virtual), 7/22/25 & 7/23/25 (in-person on Long Island)
- Settlement process began in May and is ongoing

## **Routing – submitted Nassau County preferred routing on 6/25/25**

## **Public Outreach – on-going activities, sharing facts**

- Have held 3 quarterly webinars with 250+ attendees, next webinar December 10th
- Ongoing engagement with community groups and local school districts

## **Coordination & Opportunities – continually occurring on routing, surveying and project updates**

- Area Benefits -support continued economic opportunity & development

# Underground Construction

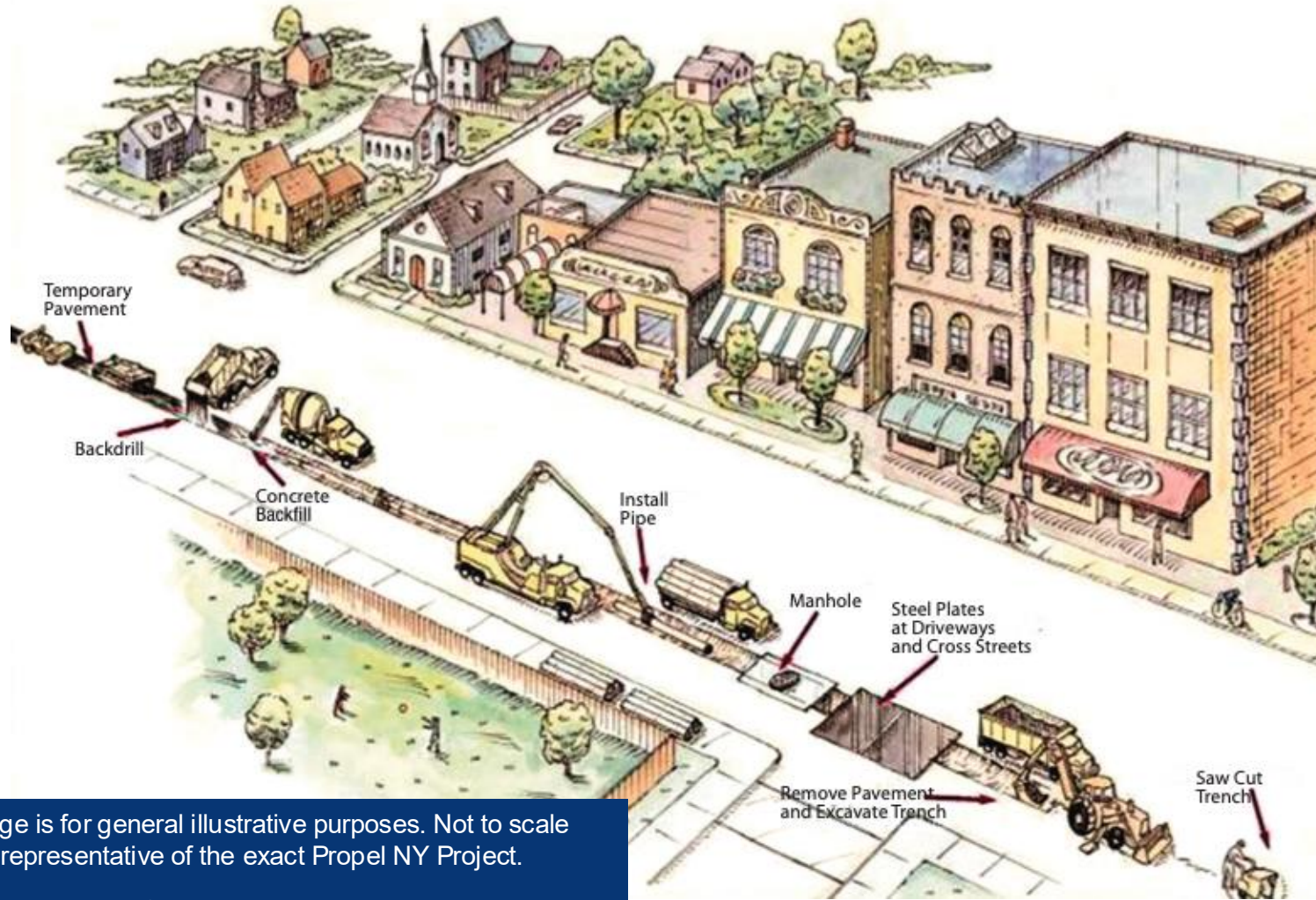
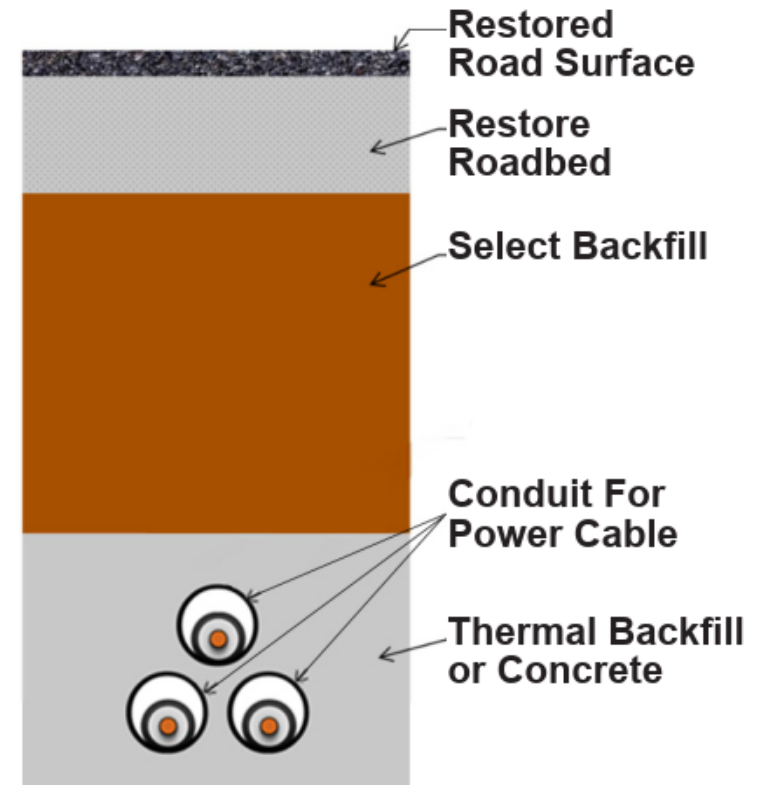


Image is for general illustrative purposes. Not to scale nor representative of the exact Propel NY Project.

Photo: National Grid


- Trench = 5' to 6' wide with minimum 3' cover
- Each cable between 3" to 5.5" in diameter
- Details will vary



# Project Process

**STEP 1** NYISO Selection – June 2023

**STEP 2** Pre-Permitting Outreach & Survey Work → est. 6 mo- 1 year

**STEP 3** Permitting (Article VII, etc.) → est. 2-years  *We are here*

**STEP 4** Construction & Restoration → est. 3-4 years (est. start 2026)

May 2030 In-Service

**Steps 2-4 Stakeholders:**

- Local, State, Federal Officials
- Municipal Boards
- Neighbors & Residents
- Community Groups
- NGOs
- Businesses
- Labor

# Article VII

## Permitting and approval is a public process

**Step 1** – Submit Application

**Step 2** – Procedural Conference

**Step 3** – Application Reviewed and Deemed Complete

**Step 4** – Public Statement Hearings

**Step 5** – Certificate Issued by PSC

**Step 6** – Environmental Management & Construction Plan (EM&CP) filed

**Step 7** – EM&CP review and approval

**Step 8** – Notice to Proceed for Construction

### Propel NY Application

- Case #: 24-T-0446
- Available online, local libraries & area munis
- 6,000+ pages, 15 Exhibits
- Environmental Review
- Engineering Components
- Proposed Routing
- Public Outreach

*PSC Accepts Comments at Anytime While Docket is Open*



#### Article VII Application Summary Information

On July 31, 2024, New York Transco LLC (Transco) and the New York Power Authority (NYPA) submitted an Article VII application (the Application) to the New York Public Service Commission (PSC) to construct, operate, and maintain the Propel NY Energy transmission project (the Project) (PSC Case Number 24-T-0446). The Application contains 15 Exhibits and is more than 6,000 pages.

The summary below is of each Exhibit within the Application. More detail on how to access the full Article VII filing is available through the Project's website (<https://www.propelnyenergy.com/article-vii>).

Please note that certain limited sections of the Application may be redacted to protect confidential information, such as the location of protected species habitats.

This document will be updated if needed during the PSC's review process.

#### Table of Contents:

Exhibit 2: Location of Facilities	Page 2
Exhibit 3: Alternatives	Page 2
Exhibit 4: Environmental Impact	Page 2
Exhibit 5: Design Drawings	Page 4
Exhibit 6: Economic Effects of Proposed Facility	Page 4
Exhibit 7: Local Ordinances	Page 5
Exhibit 8: Other Pending Filings	Page 5
Exhibit 9: Cost of Proposed Facility	Page 5
Exhibit E-1: Description of Proposed Transmission Facility	Page 5
Exhibit E-2: Other Facilities	Page 6
Exhibit E-3: Underground Construction	Page 6
Exhibit E-4: Engineering Justification	Page 6
Exhibit E-5: Effect on Communications	Page 7
Exhibit E-6: Effect on Transportation	Page 7

# Key Article VII Milestones

## Certificate of Environmental Compatibility and Public Need (CECPN):

### What does this mean?

Confirms the need for the project, environmental compatibility, compliance with the law, and the conditions required for constructing the project

Timing: Est. 2026

## Environmental Management and Construction Plans (EM&CPs):

### What is it?

Details precise field locations of the cables, substations, and associated construction laydown yards, and environmental controls and protections to ensure compatibility

Timing: Est. mid-2026

**Both must be reviewed and approved by the NYS PSC to enter into construction**

### Other Permits Examples

- ▶ USACE permits
- ▶ FAA review
- ▶ NYSDOT permits
- ▶ Local highway permits
- ▶ NYSOGS easement
- ▶ NYSDOS and local municipal CZCA concurrence

# Health & Safety

Propel NY's number one priority is the health and safety of project area communities, our crews and the environment.



## Construction:

Execution and compliance with federal and state requirements



## Traffic Management Plan & Maintenance Protection Plan:

Creating robust plans with input from local stakeholders that address safety measures and optimize traffic flow



## Engineering and Design:

Highest safety standards and environmental protections



## Transportation Planning:

Coordinating with municipalities, schools, and transit and transportation operators to validate safety measures and maintain their continued service to the communities.



## Our Shared Future:

Creation of new pathways to move clean power, reducing carbon emissions and improving air quality



## First Responders Coordination:

Coordinating with first responders to ensure reliable access of emergency vehicles and services at all times.

# Committed to Engagement

## Early, Often & Inclusive

26

Open Houses & Community Info Sessions

29

Community tabling events

24K

Abutters engaged in 17 rounds of direct mailers

680

Homes and businesses in targeted door-to-door canvassing

430+

Community hubs engaged for 7 rounds of factsheet drop-offs

91+

Ads & public notices placed in publications to share project info

2,800+

touchpoints with more than 3,900 stakeholders

1,000+

Support Comments/Letters in the Article VII filing

*\*Since NYISO June 2023 selection to date*




Project team members tabling at the Queens Climate Expo

### PUBLIC INQUIRIES



1-800-347-9071, toll-free  
info@PropelNYEnergy.com  
PropelNYEnergy.com

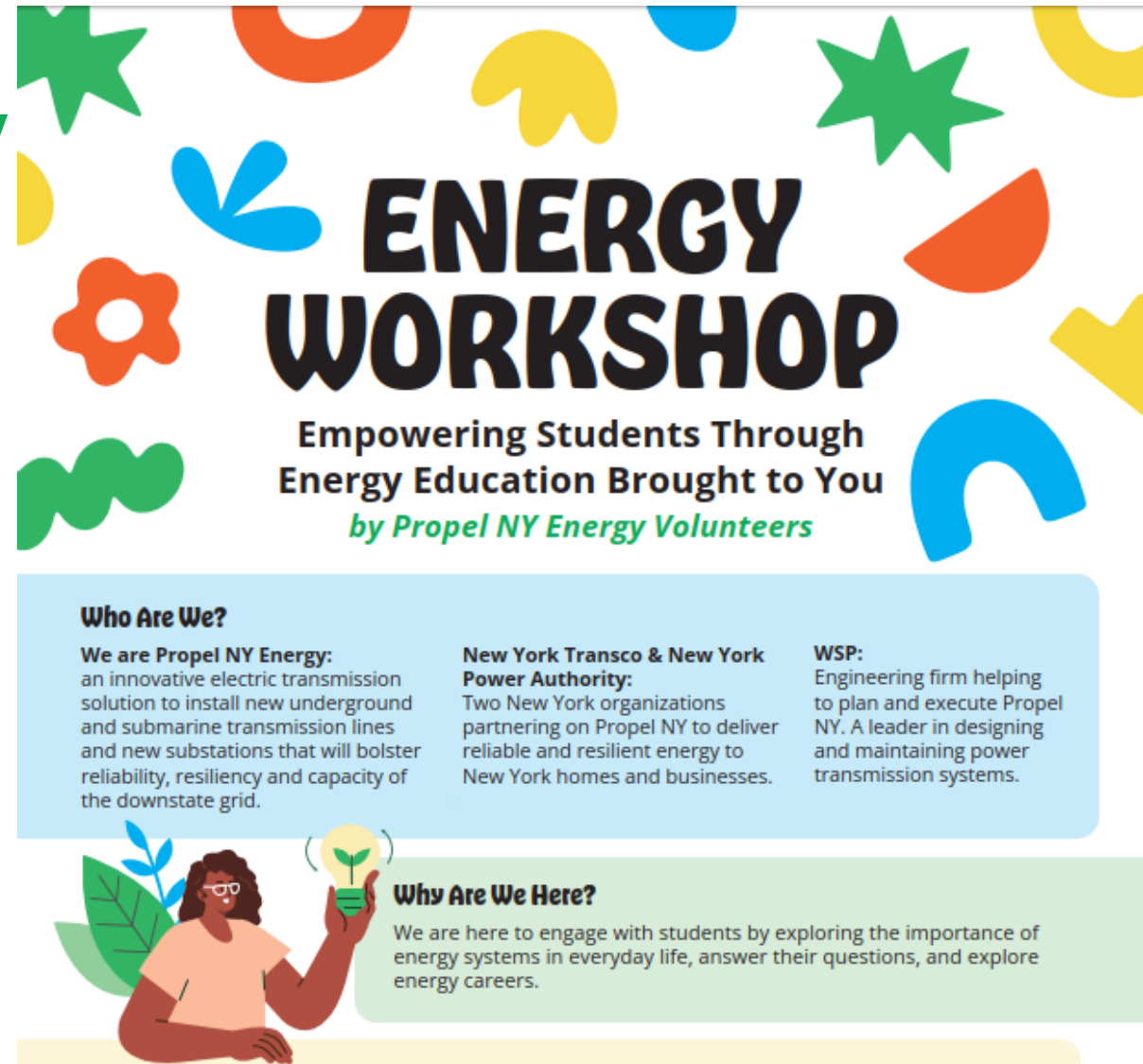
### SOCIAL MEDIA

 @propelnyenergy  
 @propelnyenergy  
 @Propel NY Energy

# Energy Workshop

## STEM Programming & Careers in Energy

- **When:** Launching Fall 2025 & can work with school's schedule for timing
- **For whom:** High School students, ideal class size of 10-30
- **What is in the program:** Jeopardy, Electric Grid Mapping Simulation, Energy Footprint Calculator, presentation from experts in the energy field, Q&As, and more!
- Conducted a successful test over the summer with P-Tech students
- Currently reaching out to schools/programs to partner with across project footprint



# ENERGY WORKSHOP

Empowering Students Through Energy Education Brought to You  
*by Propel NY Energy Volunteers*

**Who Are We?**


**We are Propel NY Energy:** an innovative electric transmission solution to install new underground and submarine transmission lines and new substations that will bolster reliability, resiliency and capacity of the downstate grid.

**New York Transco & New York Power Authority:** Two New York organizations partnering on Propel NY to deliver reliable and resilient energy to New York homes and businesses.

**WSP:** Engineering firm helping to plan and execute Propel NY. A leader in designing and maintaining power transmission systems.

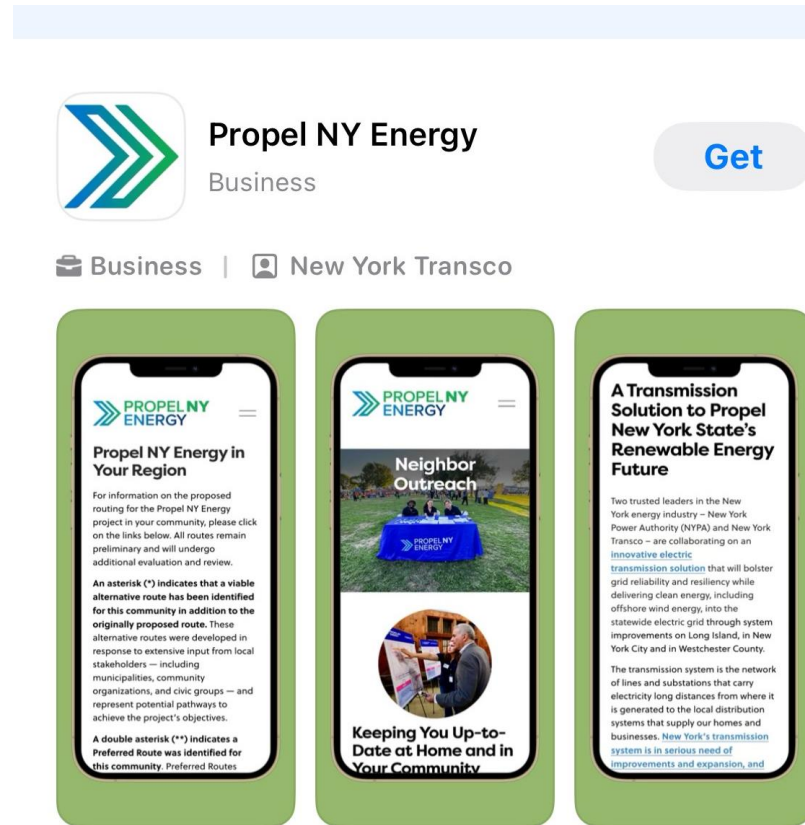
**Why Are We Here?**

We are here to engage with students by exploring the importance of energy systems in everyday life, answer their questions, and explore energy careers.



# Download the Propel NY Energy Mobile App

- Available in Apple and Google App Stores
- Push notifications for Major Project Milestones
- Fact sheets and resources at your fingertips
- Stay informed as we move into construction



# Watch Our New Project Video

- Highlights the importance of Propel NY Energy
- Captures the people and communities the Project services, the challenges it addresses, and the future it helps shape
- <https://youtu.be/mdovrcBKXY8>



*"Together, we can deliver an energy future you can rely on."*

# Sharing the Facts

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## Facts about 345kV Transmission Lines

**What are 345kV lines?**

- Electric cables that move power from where it's made to where it's used
- Known as the "highways" of the electric grid or the backbone of energy delivery
- Commonly used statewide, nationally and internationally
- Used overhead, underground and submarine; underground is more common in densely populated areas
- Not a new technology; usage in the United States dates back to the 1950s and underground 345kV in New York dates back to the 1960s

**Why use 345kV?**

- 345kV cables have the capacity to efficiently move power to meet growing electric demand
- Electric demand in NY is projected to increase by 50 to 90 percent over the next 20 years
- 345kV provides grid stability and resiliency

**10,192** miles are overhead transmission lines  
**831** miles are underground transmission lines

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## Health and Safety: Electromagnetic Fields (EMF)

**Our top priority is the health and safety of communities, workers and the environment**

Propel NY continues to conduct detailed environmental studies and work with federal, state and local agencies to ensure our engineering and design, construction and future operations foster healthy communities and safeguard environmental resources.

# EMF

There have been extensive U.S. and worldwide studies on the impact of EMF over the last 40-plus years.

**Did you know?**

- Power lines are in the same category as home appliances, cell phones and TVs.
- EMF associated with electricity and power lines is considered extremely low frequency and non-ionizing.

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## Submarine Transmission Line Fact Sheet

**What:** Est. 9.1 mile submarine cable installation across the Long Island Sound

**Burial depth:** Anticipated between 4'-6' deep

**Figure 1. Propel NY Energy Submarine Crossing of Long Island Sound**

For full project map, click

# Submarine Construction

**Where:** Hempstead Harbor and Long Island Sound between Oyster Bay and New Rochelle

**Why:** Creating two bi-directional connections to enable reliable, resilient power delivery between Long Island and the statewide grid

**How:** See details on page 2. Finalization of locations, construction methods and timing will

## The State of New York's Electric Grid

### Aging, Constrained Infrastructure Can't Keep Up with Massive Demand

New York State's electric grid is at a critical juncture. At home and at work, in schools and hospitals, everywhere we go, we're using more and more electricity. In order to continue to power our daily lives, grow our economy, and keep our communities safe and healthy, significant investments must be made to generate more electricity and to more efficiently and reliably transmit it.

# State of the Grid

## Challenges Ahead

Two recent reports from the New York Independent System Operator (NYISO), the organization that manages the state's electric grid, highlight the urgent need for transmission system investment. The NYISO says:

- Meet increasing electricity demand
- Support our local emergency services and national security
- Minimize power outages
- Keep our businesses and economy running

Demand for electricity could increase by

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## The Facts

Last updated: September 24, 2024

The facts matter and it is important to look to credible sources and ask questions to verify information. Below are key facts to clarify information about the Propel NY Energy transmission project. Please reach out to our team if you would like more information on any topic as we are prepared to support our information with facts, experts and experience.

Myth	Fact
"Propel NY Energy is an offshore wind and battery storage project."	Propel NY Energy is not an offshore wind project, battery storage project, nor is it tied directly to an offshore wind or battery storage developer.
"The Propel NY Energy transmission lines will only deliver offshore wind."	Power generated from any energy source, including natural gas, nuclear, wind and solar, can be dispatched to bidirectional electric transmission lines like Propel NY Energy. The energy that will flow on Propel NY Energy lines is up to the state's grid operator — the New York Independent System Operator (NYISO).

# Myth Busting

Propel NY Energy project are harmful to our communities, people and animals.

health organizations.

Propel NY Energy's EMF Study is included in Exhibit 4 of the Article VII submission to the NYS Public Service Commission (PSC). The EMF study concluded:

- electric fields are eliminated because the cables will be underground with metal shielding to block the electric field.
- magnetic fields will meet state guidelines and not exceed 200 mG at the edge of the project's right-of-way (guidelines established by the PSC). Further, the design and depth of the buried cables will minimize the magnetic field; any increases in distance lowers the magnetic field.

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## Community Safety

**Our top priority is the health and safety of communities, workers and the environment.**

**Community safety and construction**

Propel NY Energy will prioritize safety and minimize traffic and land use impacts during and after construction by:

- Traffic Management Plan & Maintenance Protection Plan:** Creating robust plans with input from local stakeholders that addresses safety measures and optimizes traffic flow.
- Transportation Planning:** Coordinating with municipalities, schools, and transit and transportation operators to validate safety measures and maintain their continued service to the communities.
- First Responders Coordination:** Coordinating with first responders to ensure reliable access of emergency vehicles and services at all times.
- Environmental Management & Construction Plan(s):** Part of the Article VII permitting process, these plans will minimize potential environmental impacts during and after construction as well as detail system inspection schedules.
- Community Relations:** Implementing an outreach program to gather community priorities and feedback, as well as regularly inform local stakeholders about construction schedules and any temporary disturbances.
- Restoration:** Working with the experts to form a detailed restoration plan to restore any area temporarily disturbed back to original or better condition.

**PROPEL NY ENERGY** A Transmission Solution to Propel New York State's Renewable Energy Future

## Terrestrial Transmission Line Fact Sheet

**What:** Propel NY Energy will install approximately 80 miles of underground terrestrial transmission lines

**Where:** Primarily underground in existing public rights-of-way (i.e. public roads and property)

**How:** Common underground installation methods include: open cut trenching, horizontal directional drilling (HDD), microtunneling and jack and bore

**When:** Construction is anticipated to begin in mid-2026 and conclude in May 2030

**What's next:** Regulatory review and approval of routes, materials and construction means, methods and sequencing through the Article VII public permitting process

**Learn more:** Read Exhibit 3 of the Article VII Application. More information on permitting and detailed route maps available at [www.PropelNYEnergy.com](http://www.PropelNYEnergy.com)

# Terrestrial Construction

**Primary method:** Trenching will be the primary method for underground construction. Public roads are opened and underground cables installed in conduits placed in trenches between splice vaults (manholes). See general

**Horizontal Directional Drilling (HDD)**

- HDD will be used in identified sensitive areas to minimize impacts
- HDD has been identified for crossing the East River and Westchester Creek
- HDD has been identified for entry and exit points to avoid shoreline impacts for the submarine cable installation
- HDD is also frequently used for crossing roadways, railroads and other water bodies

Trenchless technology used since 1970 to install underground utilities

- Avoids disruption to sensitive areas
- Planned for use in various Propel NY routing areas

**PROPEL NY ENERGY** An innovative underground electric transmission solution to enhance the reliability, resiliency and capacity of electricity delivery across parts of Long Island, New York City, and Westchester County. The project is being developed by the New York Power Authority (NYPA) and New York Transco.

## The Process Behind The Project

The process behind the Propel NY Energy electric transmission project dates back to 2021. The project is the product of extensive analysis by state energy officials; extensive engineering for safety, efficiency and effectiveness; and, a tremendous amount of valuable input from state and local agencies, municipalities, and community members.

The project must obtain permits at the federal, state and local levels. The New York State Article VII permitting process is a rigorous regulatory framework designed to ensure that projects are needed, and developed safely, responsibly, and with meaningful stakeholder engagement. (See back for more.)

# The Process

**How We Got Here**

- March 2021 - The New York State Public Service Commission (PSC) declares a public utility project of regional significance.
- October 2021 - Developers submit proposals, beginning NYISO's competitive analysis and selection process.
- June 2023 - NYISO selects Propel NY Energy as the most efficient or cost-effective project to satisfy the transmission need.
- Fall 2023 - Propel NY Energy begins stakeholder conversations and survey work.
- 2024 - Propel NY Energy begins the permitting process with federal, state, and local agencies and launches an extensive public outreach campaign.
- 2025 - Propel NY Energy reviews sections of preliminary project route based on stakeholder and community feedback, and survey results. Community engagement continues.

**What's Ahead**

**2024-2026** Regulatory review and permitting

**May 2030** Propel NY Energy project goes into service

**A Multi-Value Project**

The Propel NY Energy Project will relieve transmission congestion and provide a myriad of additional economic and performance benefits such as, but not limited to, increased operational flexibility, improved transmission system resiliency, reduced emissions from curtailments due to transmission system congestion, and the policy objectives of the part of New York State."

**NYISO Board of Directors** June 13, 2023

SEE BACK FOR DETAILS ON NEW YORK STATE'S REGULATORY REVIEW PROCESS

# Supporters

Diverse groups of support from 1,000+ entities (76 formal letters) to date

Unions & Builders	Business	Environmental, Sustainability, Planning	Munis, Electeds, Agencies	Civics, Institutions, Individuals
<ul style="list-style-type: none"> <li>• IBEW Local 3</li> <li>• IBEW Local 1049</li> <li>• IBEW Local 1249</li> <li>• Long Island Builders Institute</li> <li>• Association for a Better Long Island</li> <li>• Ignite Long Island</li> <li>• Long Island Contractors Association</li> <li>• Institute for Workforce Advancement</li> <li>• New York Building Congress</li> <li>• American Council of Engineering Companies of New York</li> <li>• Laborers' International Union of North America</li> </ul>	<ul style="list-style-type: none"> <li>• Bronx Chamber of Commerce</li> <li>• Business Council of Westchester</li> <li>• Yonkers Chamber of Commerce</li> <li>• Long Island Association</li> <li>• Vision Long Island/Long Island Main Street Alliance</li> <li>• Westchester County Association</li> <li>• Haugland Group</li> <li>• Bronx Economic Development Corporation</li> <li>• HIA Long Island</li> <li>• Long Island Metro Business Action</li> <li>• Greater Jamaica Development Corporation</li> <li>• Roman Stone</li> <li>• Trifactor, INC.</li> <li>• Nassau County Council of Chambers</li> <li>• Suffolk County Alliance of Chambers</li> <li>• Council of Industry of Southeastern New York</li> <li>• NY Construction Materials Association</li> </ul>	<ul style="list-style-type: none"> <li>• Citizens Campaign for the Environment</li> <li>• NYLCV</li> <li>• Udalls Cove Preservation Committee</li> <li>• Renewable Energy Long Island</li> <li>• Students for Climate Action</li> <li>• Bronx River Alliance</li> <li>• Regional Planning Association</li> <li>• NY OSW Alliance</li> <li>• Queens Climate Project</li> <li>• US Green Buildings Council</li> <li>• Sustainable Westchester</li> <li>• South Shore Audubon Society</li> <li>• Natural Resources Defense Council (NRDC)</li> <li>• Citizens' Climate Lobby</li> <li>• Long Island Progressive Coalition</li> <li>• National Wildlife Federation</li> <li>• New Yorkers for Clean Power</li> <li>• Sierra Club</li> <li>• Stony Brook Advanced Energy Research and Technology Center</li> <li>• Waterfront Alliance</li> </ul>	<ul style="list-style-type: none"> <li>• Queens Borough President's Office</li> <li>• Bronx Borough President's Office</li> <li>• City of Yonkers Mayor's Office</li> <li>• Yonkers Public Schools</li> <li>• Long Island Power Authority</li> <li>• Minority Leader, Suffolk County Legislator Jason Richberg,</li> <li>• U.S. Representative Grace Meng</li> <li>• Suffolk County Legislator Rebecca Sanin</li> <li>• NY Assemblymember Michaelle Solages</li> <li>• Suffolk County Executive Ed Romaine</li> <li>• NYC Council Majority Leader Amanda Farias</li> <li>• Westchester County Executive Ken Jenkins</li> <li>• U.S. Representative Gregory Meeks</li> <li>• U.S. Representative George Latimer</li> <li>• NY Senator Kevin Parker</li> <li>• NY Senator Nathalia Fernandez</li> <li>• NYC Public Advocate Jumaane Williams</li> </ul>	<ul style="list-style-type: none"> <li>• Bronx CB 10</li> <li>• Youth Ministries for Peace &amp; Justice</li> <li>• Marc Alessi (former AM)</li> <li>• Hofstra University National Center for Suburban Studies</li> <li>• SUNY Westchester Community College</li> <li>• Molloy University</li> <li>• WMC Health</li> <li>• SBH Health Systems Bronx</li> <li>• Suburban Hospital Alliance of New York State</li> <li>• BronxCare Health System</li> <li>• New York Institute of Technology (NYIT)</li> <li>• Greater NY Hospital Association</li> <li>• Northwell Health</li> <li>• NYU Langone</li> <li>• YMCA of Greater NY</li> <li>• Adamah NY</li> <li>• Montefiore</li> <li>• 1,000+ Individuals</li> </ul>

# Powering Our Lives

## Strengthening Core Infrastructure for Vibrant Communities & Economic Growth

- **Transmission is the backbone of energy delivery** – moving power from where it is made to where it is used
- **Essential in your daily life** – lights, cell phones, appliances, EVs
- **Vital for our communities** – homes, hospitals, schools, jobs
- **Currently under major stress** – aging system, growing demand & intense weather
- **Need for modernization** – 80% built before 1980s & not designed for today's needs
- **We are power hungry** – demands will increase 50-90% in the next 20 years
- **It is a safe, proven technology** – scientific studies show no health/safety concerns in more than half-century of use in dense, residential areas
- **Supporting economic growth and jobs** – every \$1 invested yields in \$2.40 in economic activity
- **Permitting & Approval is a public process** – to include local voices & priorities



**Transmission Improvements Will Help Turn Down the Heat on New York State's Electric System**



In late June 2025, the New York Independent System Operator (NYISO), the state's power grid operator, issued a temporary **Energy Warning** during a heat wave, due to reduced electricity supply. This is just one step away from an **Energy Emergency**, which could have forced the NYISO to temporarily shut off power in some areas.

The proposed **Propel NY Energy** transmission project can help alleviate challenges on our electric grid.



### A Reliable, Resilient Solution For Our Energy Future

New Yorkers are already using record amounts of electricity to power their homes and businesses, and the recent extreme heat drove demand even closer to critical levels.

One of the challenges—a constrained and aging electric transmission system. We need this backbone of the power grid to carry electricity from where it's created to where it's needed 24/7, 365.

Learn more at [PropelNYEnergy.com](https://PropelNYEnergy.com)



Propel NY Energy will modernize and expand our transmission system, making it more reliable during periods of high demand and more resilient in the face of extreme weather—helping ensure our daily lives remain safe and comfortable, and our communities stay powered.




A clean energy future you can rely on.

# Connect with us!

Contact the project team any time through email, hotline or website

 [info@PropelNYEnergy.com](mailto:info@PropelNYEnergy.com)

 [PropelNYEnergy.com](http://PropelNYEnergy.com)

 1-800-347-9071, toll-free

 Download the Propel NY Energy App

Electrical grid improvements  
to benefit our daily lives.

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