The Corning Regional Transmission Solution (CRTS)

NYSEG
An Avangrid company

Project Purpose and Need

The Corning Regional Transmission Solution (CRTS) is a proposed electric transmission project under NYSEG's Powering New York initiative. The project is intended to modernize existing infrastructure and enhance the reliability of the electric system serving New York's Southern Tier.

The CRTS project is located in the Towns of Corning and Erwin in Steuben County, and the Town of Big Flats in Chemung County.

CRTS includes:

- Relocation of an existing substation from a flood-prone area in the Town of Corning in Steuben County, and construction of a new substation in the Town of Big Flats in Chemung County.
- Upgrading 115 kV, 34.5 kV, and 12.4 kV transmission lines to improve electricity delivery and meet growing regional demand.

The CRTS Project will:

- Improve electric system reliability and performance
- Upgrade aging transmission infrastructure
- Enhance system resiliency during severe weather events
- Support projected regional electric demand

Improving System Reliability:

- Rebuilding key transmission facilities serving the area
- Relocating infrastructure from a flood prone location
- Strengthening the electric system where it directly serves customers

Working with the Community:

- Supporting reliable service for essential facilities such as hospitals, schools, and emergency services
- Supporting local economic activity through a resilient electric system
- Engaging with landowners, municipalities, and stakeholders throughout project development
- Utilizing nearly 80% of the existing right-of- way (ROW), limiting new ROW to less than three miles to connect new substation and existing corridors

CRTS is a part of NYSEG's Powering NY Initiative

A Stronger, More Reliable Grid

Upgrading 420 miles of transmissionlines and 25 substations statewide

Replacing infrastructure that has reached or exceeded its useful life

Reducing outage risk associated with aging infrastructure

Powering Growth Across NY

Responding to an increase in transmission load requests

Meeting increasing energy demands and supporting residential, commercial, and agricultural growth

Powering healthcare facilities, local economies, and major manufacturing employers

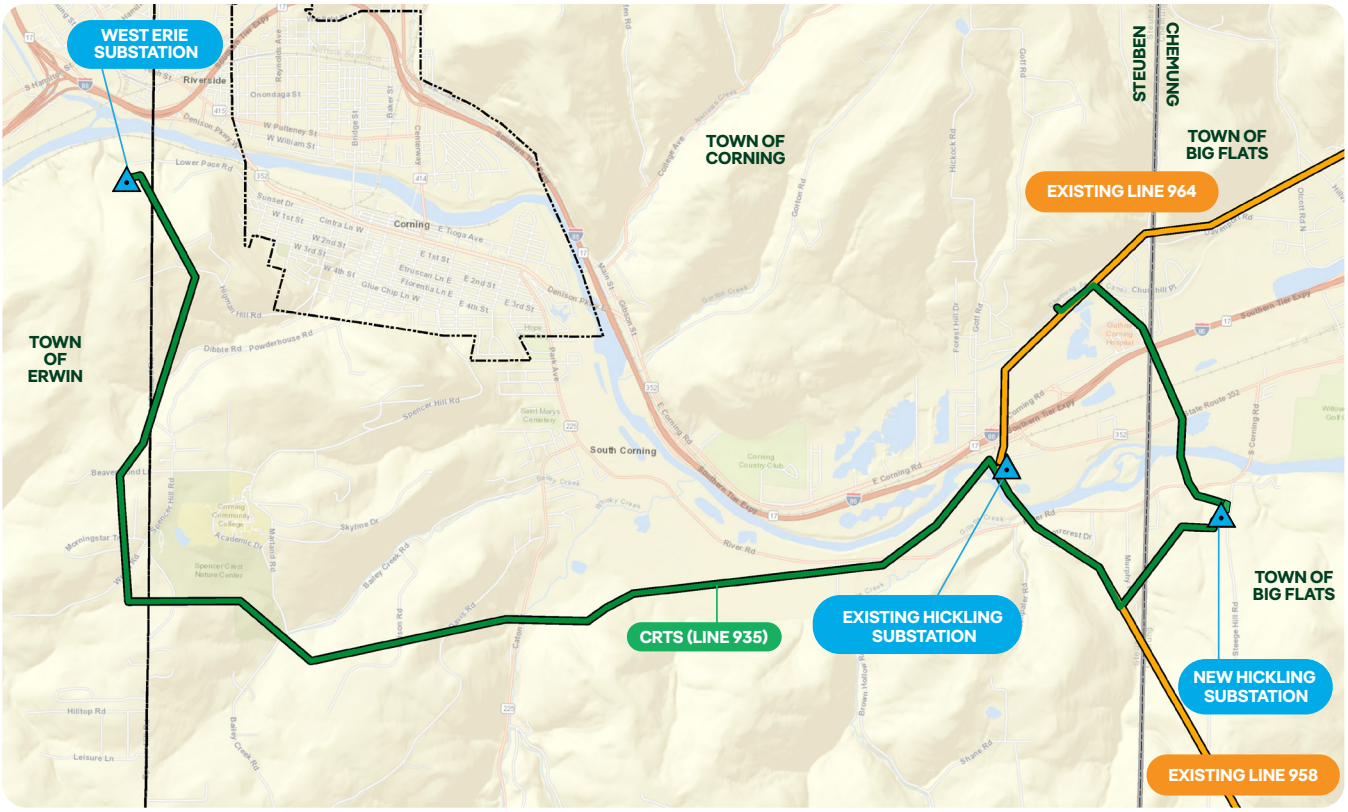
Built with and for Communities

More than 170 years of service to NYS communities

Over 4,500 miles of existing transmission infrastructure across Upstate New York

Supporting reliable service, environmental responsibility, and the communities we serve

Preferred Alternative



How Alternatives Were Evaluated

We evaluated multiple alternatives to identify an approach that balances reliability, environmental considerations, cost, ease of construction, and community impacts.

Substation Alternatives Considered

ALTERNATIVE 1 & 2
Reason Not Selected : Potential impacts to protected species habitat and nearby residential areas

ALTERNATIVE 3
Reason Not Selected: Located within a flood prone area, increasing construction complexity and cost

ALTERNATIVE 4
Reason Not Selected: Highest overall cost with increased engineering, environmental, and community impacts

ALTERNATIVE 6
Reason Not Selected: Required an additional substation, resulting in higher system complexity

ALTERNATIVE 7
Reason Not Selected: Construction access challenges and greater impacts to surrounding properties

Explore mapped locations and details for substation alternatives considered but not selected at CRTS-NY.COM.

Transmission Line Alternatives Considered

ALTERNATIVE 1
Reason Not Selected : Reconductoring would not meet the capacity requirements or address all asset condition concerns

ALTERNATIVE 2
Reason Not Selected: Property access constraints, nearby pipeline crossings, and challenging terrain

ALTERNATIVE 3
Reason Not Selected: Dense wooded areas requiring extensive tree clearing and higher construction impacts

Explore mapped locations and details for transmission line alternatives considered but not selected at CRTS-NY.COM.

Stay Informed

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