

# **New York State Electric & Gas Corporation**

## **Jennison Transmission Solution Project**

### **Master Glossary of Terms**

## MASTER GLOSSARY/ACRONYMS

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### GLOSSARY

**Agricultural District** – An area within a local jurisdiction where farming is the preferred economic activity.

**Alternative Segments** – Alternative segments of transmission line ROW considered by the Applicant for the Project ROW.

**Applicant** – New York State Electric & Gas Corporation.

**Application** – The Article VII Application for the Certificate

**Certificate** – A Certificate of Environmental Compatibility and Public Need issued by the Commission under PSL Article VII.

**Commission** – The New York State Public Service Commission.

**CP ROW** – Canadian Pacific Railroad’s existing ROW containing railroad lines that intersect with Existing Line 946 and the location of Proposed Lines 946 and 949.

**Eastern Terminus** – the easternmost point at which the applicant proposes to replace conductor on existing Line 949, located on the western side of Structure 949/183. It is located north of Gray Road, approximately 360 feet west of the Fraser Tap in the Town of Hamden.

**East Norwich Substation** – The Applicant’s existing station located in the Town of East Norwich, from which Proposed Line 734 will run.

**Existing Jennison Substation** – The Applicant’s existing station located in the vicinity of Mt. Pleasant Road in the Town of Bainbridge.

**Existing Lines** – Existing Lines 949, 946, 919, 943 and 954. The term does not include Existing Lines 818 or 823 because they are 46 kV sub-transmission lines.

**Existing Line 818** – the Applicant’s existing 46 kV electric sub-transmission Line 818 that connects to the Existing Jennison Substation.

**Existing Line 823** – the Applicant’s existing 46 kV electric sub-transmission Line 823 that connects to the Existing Jennison Substation.

**Existing Line 919** – the Applicant’s existing 115 kV electric transmission Line 919 that connects to the Existing Jennison Substation.

**Existing Line 943** – the Applicant’s existing 115 kV electric transmission Line 943 that connects to the Existing Jennison Substation.

**Existing Line 946** – the Applicant’s existing 115 kV electric transmission Line 946 between the Existing Jennison Substation and the East Norwich Substation, a total distance of approximately 21.4 miles.

**Existing Line 949** – the Applicant’s existing 115 kV electric transmission Line 949 between the Existing Jennison Substation and the Delineation Structure, a total distance of approximately 24.4 miles.

**Existing Line 954** – the Applicant’s existing 115 kV electric transmission Line 954 that connects to the Existing Jennison Substation.

**Existing ROW** – the Applicant’s existing ROW for the Existing Lines.

**Facility** – any component of the Project that is subject to Article VII regulations during the life of the Project (including construction).

**Greenfield ROW** – means New ROW on land not previously used as ROW.

**Local Ordinances** – The substantive local ordinances, laws, resolutions, regulations, standards, and other requirements applicable or potentially applicable to the Project.

**N-0** – normal operating conditions.

**N-1 Contingency** – A sequence of events consisting of the initial loss of a single generator or transmission component (Primary Contingency), followed by system adjustments.

**N-1-1 Contingency** – A sequence of events consisting of the initial loss of a single generator or transmission component (Primary Contingency), followed by system adjustments, followed by another loss of a single generator or transmission component (Secondary Contingency).

**New ROW** – land directly adjacent to Existing ROW, of which the Applicant proposes to acquire additional utility easements to accommodate the Project.

**North Pond Substation** – means a 1.54-acre, 115 kV point-of-interconnection substation that the Applicant expects the wind farm developer High Bridge Wind, LLC to construct, place into service and transfer to the Applicant to connect the High Bridge Wind Farm (an approximately 100 MW wind farm certified under PSL Article 10 in Case 18-F-0262) to the Applicant’s system, with the Applicant owning and operating the substation upon it being placed in service. The North Pond Substation is more fully described in Exhibit 2.

**NYSEG ROW** – The existing ROW utilized by the Applicant, occupied by 115 kV and 46 kV lines, which runs north-south from the existing East Norwich Substation to the Existing Jennison

Substation, approximately 21.4 miles, and from the Existing Jennison Substation to the Delineation Structure for approximately 25.4 miles.

**Oneonta Division** – a region of the NYSEG utility service network that includes parts of Broome, Chenango, Delaware, Greene, Herkimer, Lewis, Madison, Oneida, Otsego, Schoharie, and Ulster counties.

**Project** – Jennison Transmission Solution Project.

**Project Area** – the locations where the Applicant proposes to conduct all Project activities, including the existing substations; the North Pond Substation; the Proposed Jennison Substation; the Project ROW; the proposed stormwater management features; the proposed laydown/staging areas; and supporting access roads.

**Project ROW** – the Project route that utilizes the Existing ROW plus the New ROW for construction of the Proposed Lines.

**Proposed Route** – collectively, the Proposed ROW route for Proposed Lines 734, 756, 919, 943, 946, 949, and 954.

**Proposed Jennison Substation** – The Applicant’s proposed station rebuild that will be located in the Town of Bainbridge approximately 0.9 miles west of the Existing Jennison Substation, to which several 115 kV, and 46 kV transmission lines (not included in the Project scope or any Article VII application), will be rerouted.

**Proposed Lines** – Proposed Lines 949, 946, 734, 756, 919, 943 and 954. The term does not include Proposed Lines 818 or 823 because they are 46 kV sub-transmission lines.

**Proposed Line 734** – the rebuild of the approximately 6.6-mile portion of Existing Line 946 between the North Pond Substation and the East Norwich Substation, which the Applicant proposes as part of the Project.

**Proposed Line 756** – the rebuild of a segment of Existing Line 919 that connects to Oakdale Substation; it is being rerouted and designated as Line 756 so it is connected to the Proposed Jennison Substation.

**Proposed Line 818** – the reroute of Line 818 so it is connected to the Proposed Jennison Substation, which the Applicant proposes as part of the Project.

**Proposed Line 823** – the reroute of Line 823 so it is connected to the Proposed Jennison Substation, which the Applicant proposes as part of the Project.

**Proposed Line 919** – the reroute of Line 919 so it is connected to the Proposed Jennison Substation, which the Applicant proposes as part of the Project.

**Proposed Line 943** – the reroute of Line 943 so it is connected to the Proposed Jennison Substation, which the Applicant proposes as part of the Project.

**Proposed Line 946** – the rebuild of the approximately 14.7-mile portion of Existing Line 946 between the Proposed Jennison Substation and the North Pond Substation, which the Applicant proposes as part of the Project.

**Proposed Line 949** – the rebuild of Existing Line 949 between the Proposed Jennison Substation and the Delineation Structure, a distance of approximately 25.4 miles, which the Applicant proposes as part of the Project.

**Proposed Line 954** – the reroute of Line 954 so it is connected to the Proposed Jennison Substation, which the Applicant proposes as part of the Project.

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## ACRONYMS

<b>%</b>	percent
<b>°F</b>	degrees Fahrenheit
<b>2016 Plan</b>	2016 New York State Open Space Conservation Plan
<b>A</b>	ampere
<b>AC</b>	alternating current
<b>ACSR</b>	aluminum conductor steel reinforced
<b>AIS</b>	air-insulated switchgear
<b>AM</b>	amplitude modulation (radio)
<b>AMSL</b>	above mean sea level
<b>ANSI</b>	American National Standards Institute
<b>APE</b>	area of potential effect
<b>ASCE</b>	American Society of Civil Engineers
<b>BAAH</b>	breaker-and-a-half
<b>BES</b>	Bulk Electric System
<b>BMPs</b>	Best Management Practices
<b>CCVTs</b>	Capacitor coupled voltage transformer
<b>CECPN</b>	Certificate of Environmental Compatibility and Public Need
<b>CLCPA</b>	New York Community Leadership and Climate Protection Act
<b>CP</b>	Canadian Pacific Railroad
<b>CTs</b>	Current transformers
<b>CUGIR</b>	Cornell University Geospatial Information Repository
<b>CWA</b>	Clean Water Act
<b>DAC</b>	Disadvantaged Community
<b>dB</b>	decibels
<b>dBA</b>	decibels, A-weighted
<b>DC</b>	Direct Current

<b>DNO</b>	distribution network operator (cable)
<b>EHS</b>	Extra High Strength
<b>EM&amp;CP</b>	Environmental Management & Construction Plan
<b>EMF</b>	electromagnetic field
<b>EPH</b>	ephemeral
<b>ERM</b>	(NYSDEC) Environmental Resource Mapper
<b>ESA</b>	Endangered Species Act
<b>FAA</b>	Federal Aviation Administration
<b>FCC</b>	Federal Communications Commission
<b>FEMA</b>	Federal Emergency Management Agency
<b>FIRM</b>	Flood Insurance Rate Map
<b>FM</b>	frequency modulation (radio)
<b>GIS</b>	Geographic Information Systems
<b>GP</b>	General Permit
<b>HUC</b>	hydrologic unit code
<b>HVDC</b>	High Voltage Direct Current
<b>ID</b>	Identification
<b>INT</b>	intermittent stream
<b>IPaC</b>	Information for Planning and Consultation
<b>JTS</b>	Jennison Transmission Solution Project
<b>kA</b>	kilo Amperes
<b>kV</b>	kilovolt
<b>L<sub>10</sub></b>	Noise level exceeded for 10% of the measurement time
<b>L<sub>Max</sub></b>	root mean squared maximum level of a noise source
<b>MCM</b>	one thousand circular mills (conductor wire)
<b>mG</b>	milliGauss
<b>mph</b>	miles per hour
<b>MSAs</b>	Master Service Agreements

<b>MVA</b>	mega volt ampere
<b>MW</b>	megawatt
<b>NERC</b>	North American Electric Reliability Corporation
<b>NESC</b>	National Electrical Safety Code
<b>NFPA</b>	National Fire Protection Association
<b>NLCD</b>	National Land Cover Database
<b>NLEB</b>	Northern Long-Eared Bat
<b>NOI</b>	Notice of Intent
<b>NOT</b>	Notice of Termination
<b>NPS</b>	National Park Service
<b>NRCS</b>	Natural Resources Conservation Service
<b>NRHP</b>	National Register of Historic Places
<b>NWA</b>	Non-Wire Alternative
<b>NWI</b>	National Wetland Inventory
<b>NWP</b>	Nationwide Permit
<b>NY/NYS</b>	New York State
<b>NYCRR</b>	New York State Codes, Rules and Regulations
<b>NYISO</b>	New York Independent System Operator
<b>NYNHP</b>	New York Natural Heritage Program
<b>NYSDAM</b>	New York State Department of Agriculture & Markets
<b>NYSDEC</b>	New York State Department of Conservation
<b>NYSDOS</b>	New York State Department of State
<b>NYSDOT</b>	New York State Department of Transportation
<b>NYISO</b>	New York Independent Systems Operator
<b>NYSDPS</b>	New York State Department of Public Service
<b>NYSEG</b>	New York State Electric & Gas Corporation
<b>NYSHPO</b>	New York State Historic Preservation Office
<b>OPGW</b>	Optical Ground Wire



<b>OPRHP</b>	New York State Office of Parks, Recreation and Historic Preservation
<b>PEJA</b>	Potential Environmental Justice Area
<b>PEM</b>	Palustrine Emergent Wetland
<b>PER</b>	perennial (stream)
<b>PFO</b>	Palustrine Forested Wetland
<b>PSC</b>	New York Public Service Commission
<b>Psf</b>	per square foot
<b>PSL</b>	New York Public Service Law
<b>PSS</b>	Palustrine Scrub Shrub Wetland
<b>PUB</b>	Palustrine unconsolidated bottom
<b>RGE</b>	Rochester Gas & Electric Company
<b>ROW</b>	right-of-way
<b>SC</b>	short circuit
<b>SEI</b>	Structural Engineering Institute
<b>SFHA</b>	Special Flood Hazard Area
<b>SIS</b>	System Impact Study
<b>SPDES</b>	State Pollutant Discharge Elimination System
<b>STE</b>	Short Term Emergency
<b>SWPPP</b>	Storm Water Pollution Prevention Plan
<b>TMDL</b>	Total Maximum Daily Load
<b>TPL</b>	Transmission Planning (Study)
<b>UNT</b>	Unnamed (stream) tributary
<b>USACE</b>	United States Army Corps of Engineers
<b>USDA</b>	United States Department of Agriculture
<b>USFWS</b>	United States Fish and Wildlife Service
<b>USGS</b>	United States Geologic Survey
<b>UWP</b>	Utility Work Permit
<b>VTs</b>	Voltage transformers