

**NextEra Energy Transmission New York, Inc.  
Marcy to Pleasant Valley Project  
Article VII Part A Application**

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## LIST OF ACRONYMS

AA	adjacent area
AC	alternating current
ACSR	aluminum conductor steel reinforced
AFUDC	allowance for funds used during construction
ANSI	American National Standard Institute
APE	area of potential effect
ASL	above sea level
ASTM	American Society of Testing and Materials
B	magnetic flux densities
BACT	best available control technology
BCA	Bird Conservation Area
CARIS	Congestion Assessment and Resource Integration Study
CCN	Certificate of Convenience and Necessity
CO <sub>2</sub>	carbon dioxide
Commission	New York State Public Service Commission
ConEd	Consolidated Edison Company of New York
Cont'd	continued
CREZ	Competitive Renewable Energy Zones
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
DC	direct current
EEl	Edison Electric Institute
EFH	Essential Fish Habitat
EMF	Electro Magnetic Fields
EM&CP	Environmental Management and Construction Plan
Energy Highway Blueprint	New York Energy Highway Blueprint
EPR	ethylene-propylene rubber
ESA	Endangered Species Act
°F	degree Fahrenheit
FAA	Federal Aviation Administration
FERC	Federal Energy Regulatory Commission
FESA	Feasibility Study Agreement
FPL	Florida Power & Light Company
G	gauss
GIS	Geographical Information Systems
GPS	Global Positioning System

ICEA	Insulated Cable Engineers Association
IPO	Independent Pole Operated
IRPA	International Radiation Protection Association
kcml	thousand circular mils
kV	kilovolts
kV/m	kilovolts per meter
LFIP	Large Facility Interconnection Procedure
LOLE	Loss of Load Expectation
Lone Star	Lone Star Transmission, LLC
LWRP	Local Waterfront Revitalization Plan
mG	milligauss
MPH	mile per hour
MPT	Maintenance and Protection of Traffic Plan
msl	mean sea level
MVA	megavolt ampere
MVAR	MegaVar-Reactive
MW	megawatt
National Grid	Niagara Mohawk d/b/a National Grid
NEC	National Electric Code
NEECH	NextEra Energy Capital Holdings, Inc.
NEER	NextEra Energy Resources, LLC
NEET	NextEra Energy Transmission, LLC.
NEETNY	NextEra Energy Transmission New York, Inc.
NEI	NextEra Energy Infrastructure, LLC
NEL	Net Energy for Load
NESC	National Electrical Safety Code
NextEra	NextEra Energy, Inc.
NHP	Natural Heritage Program
NHPA	National Historic Preservation Act
NHT	New Hampshire Transmission, LLC
NLCD	National Land Cover Data
NMFS	National Marine Fish Services
NMPC	Niagara Mohawk Power Corporation
NOAA	National Oceanic Atmosphere Administration
NO <sub>x</sub>	nitrogen oxide
NRCS	National Resource Conservation Service
NRHP	National Register of Historic Properties
NWI	National Wetland Inventory
NYCRR	New York State Codes, Rules and Regulations
NYHPA	New York Historic Preservation Act
NYPA	New York Power Authority
NYS	New York State

NYSCMP	New York State Coastal Zone Management Program
NYSDEC	New York State Department of Environmental Conservation
NYSDOS	New York State Department of State
NYSDOT	New York State Department of Transportation
NYISO	New York Independent System Operator
NYSOGS	New York State Office of General Services
NYPA	New York Power Authority
NY STARS	New York State Transmission Assessment and Reliability Study
O&M	operations and maintenance
OATT	Open Access Transmission Tariff
OEB	Ontario Energy Board
OHGW	overhead ground wire
OP	observation point
OPGW	optical ground wire
OPRHP	New York State Office of Parks, Recreation and Historic Preservation
OSHN	Occupational Health Safety Network
Part A Application	Article VII Part A Application
Part B Application	Article VII Part B Application
PPR Project	Public Policy Requirements
Project	Marcy to Pleasant Valley Project
psf	pound per square foot
PSL	New York Public Service Law
PSS	Preliminary Scoping Statement
Pterra	Pterra LLC
PUCT	Public Utility Commission of Texas
RF	radio frequency
ROE	return on equity
ROW	right-of-way
RNA	Reliability Needs Assessment
SASS	Scenic Areas of Statewide Significance
SCU	synchronous control unit
SEQRA	State Environmental Quality Review Act
SHPA	State Historic Preservation Act
SHPO	State Historic Preservation Officer
SO <sub>2</sub>	sulfuric dioxide
SPDES	State Pollutant Discharge Elimination System
SRHP	State Register of Historic Places
SSURGO	Soil Survey Geographic Database
STE	Shore Time Emergency
SWPPP	Stormwater Pollution Prevention Plan
SWQS	Surface Water Quality Standards

T	trout
Task Force	New York State Invasive Species Task Force
THPO	Tribal Historic Preservation Offices
TPAS	Transmission Planning Advisory Subcommittee
TPDC	Transmission Performance and Diagnostic Center
TRC	TRC Environmental Corporation
TS	trout spawning
UCT	Upper Canada Transmission Inc.
UPNY/SENY	Upper New York to Southeast New York Interface
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Services
USGS	United States Geographical Survey
V/m	volts per meter
WIRES	Working Group for Investment in Reliable and Economic Electric Systems
WMA	Wildlife Management Act
ZVI	zone of visual impact