

Application for a Certificate of Environmental Compatibility and Public Need Pursuant to Article 10 of the New York State Public Service Law

High River Energy Center Town of Florida, Montgomery County, New York

Case No.: 17-F-0597

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October 2019

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List of Acronyms

Acronym	Definition
AAC	All Aluminum Conductors
AADT	Average Annual Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
AC	Alternating Current
ACI	American Concrete Institute
AED	Automated External Defibrillator
AM	Amplitude Modulation
ANSI	American National Standards Institute
APE	Area of Potential Effects
ASCE	American Society of Civil Engineers
ASTM	American Society for Testing and Materials
BBA	New York State Breeding Bird Atlas
BBS	North American Breeding Bird Survey
BIN	Bridge Identification Number
BMP	Best Management Practice
CAA	Clean Air Act
CBC	Audubon Christmas Bird Count
CES	Clean Energy Standard
CFR	Code of Federal Regulations
CIP	Critical Infrastructure Protection
CL&CPA	Climate Leadership and Community Protection Act
CPR	Cardiopulmonary Resuscitation
CR	County Route
CRIS	Cultural Resources Information System
CWA	Clean Water Act
DAR	Division of Air Resources
DC	Direct Current
ECL	Environmental Conservation Law
EGU	Electric Generating Unit
EIA	Energy Information Administration
EM	Environmental Monitor
EMF	Electric and Magnetic Fields
EPC	Engineering, Procurement, and Construction
ERM	Environmental Resource Mapper
ERP	Emergency Response Plan
ESRI	Environmental System Research Institute
FAA	Federal Aviation Administration
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency

FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FM	Frequency Modulation
FOIL	Freedom of Information Law
FPDC	Fleet Performance and Diagnostic Center
FTE	Full-Time Equivalent
GHG	Greenhouse Gas
GIS	Geographic Information System
GPS	Global Positioning System
GW	Gigawatts
HCA	Host Community Agreement
HCM	Highway Capacity Manual
HCS	Highway Capacity Software
HDD	Horizontal Directional Drilling
HSG	Hydrologic Soil Group
HUC	Hydrologic Unit Code
ICEA	Insulated Cable Engineers Association
IEEE	Institute of Electrical and Electronic Engineers
ISMCP	Invasive Species Management and Control Plan
JEDI	Job and Economic Development Impact
KCM	Kilo-Circular Mil
kV	Kilovolt
LiDAR	Light Detection and Ranging
LOD	Limit of Disturbance
LOS	Level of Service
LSE	Load-Serving Entities
LSZ	Landscape Similarity Zones
LWRP	Local Waterfront Revitalization Plan
mG	Milligauss
MW	Megawatts
MWh	Megawatt Hour
NAAQS	National Ambient Air Quality Standards
NEC	National Electric Code
NEER	NextEra Energy Resources, LLC
NERC	North American Electric Reliability Corporation
NESC	National Electric Safety Code
NESHAP	National Emission Standards for Hazardous Air Pollutants
NEXRAD	Next-Generation Radar
NFPA	National Fire Protection Association
NGO	Non-Governmental Organization
NHPA	National Historic Preservation Act
NLCD	National Land Cover Database
NOAA	National Oceanic and Atmospheric Administration

NOI	Notice of Intent
NOT	Notice of Termination
NPCC	Northeast Power Coordinating Council
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NWI	National Wetland Inventory
NWPL	National Wetland Plan List
NY	New York
NYAC	New York Archaeological Council
NYCRR	New York Codes, Rules and Regulations
NYHPA	New York Historic Preservation Act
NYISO	New York Independent System Operator
NYNHP	New York Natural Heritage Program
NYPSC	New York Public Service Commission
NYS	New York State
NYSDAM	New York State Department of Agriculture and Markets
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
NYSDPS	New York State Department of Public Service
NYSEG	New York State Electric and Gas Corporation
NYSERDA	New York State Energy Research and Development Authority
NYSM	New York State Museum
NYSORPS	New York State Office of Real Property Services
NYSRC	New York State Reliability Council
O&M	Operation and Maintenance
OPRHP	New York State Office of Parks, Recreation and Historic Preservation
OSHA	Occupational Safety and Health Administration
PAB	Palustrine Aquatic Bottom
PCS	Personal Communication Service
PEM	Palustrine Emergent Wetland
PFO	Palustrine Forested Wetland
PIP	Public Involvement Program
PILOT	Payment in Lieu of Taxes
POI	Point of Interconnection
POL	Public Officers Law
PSL	Public Service Law
PSS	Palustrine Scrub-Shrub Wetland
PUB	Palustrine Unconsolidated Bottom
PV	Photovoltaic
QAQC	Quality Assurance and Quality Control

REC	Renewable Energy Credits
ROCC	Renewable Operations Control Center
ROW	Right of Way
SCADA	Supervisory Control and Data Acquisition
SDS	Safety Data Sheets
SEP	New York State Energy Plan
SERC	New York State Emergency Response Commission
SHPO	New York State Historic Preservation Office
SMDM	Stormwater Management Design Manual
SMP	Stormwater Management Practice
SPCC	Spill Prevention, Control, and Countermeasure
SPDES	State Pollutant Discharge Elimination System
SRHP	State Register of Historic Places
SRIS	System Reliability Impact Study
SSESC	Standards and Specifications for Erosion and Sediment Controls
STP	Shovel Test Pit
SUF	System Upgrade Facilities
SWPPP	Stormwater Pollution Prevention Plan
T&E	Threatened and Endangered
THPO	Tribal Historic Preservation Office
UL	Underwriters Laboratories
USACE	United States Army Corps of Engineers
USBM	United States Bureau of Mines
USC	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VIA	Visual Impact Assessment
VSA	Visual Study Area
W	Watt
WOTUS	Waters of the United States