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ACRONYMS AND ABBREVIATIONS

Acronym	Definition
AA	The Aluminum Association
AAC	All Aluminum Conductor
AADT	Annual Average Daily Traffic
AASHTO	American Association of State Highway and Transport Officials
AC	Alternating Current
ACI	American Concrete Institute
ACSR	Aluminum Conductor Steel Reinforced
AED	Automatic External Defibrillator
AISC	American Institute of Steel Construction
ALIS	Accident Location Information System
AMSL	Above Mean Sea Level
ANSI	American National Standards Institute
APE	Area of Potential Effect
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASOS	Automated Surface Observing Systems
ASTM	American Society for Testing and Materials
AWG	American Wire Gauge
AWS	American Welding Society
BBA	New York Breeding Bird Atlas
BBS	North American Breeding Bird Survey
bgs	Below Ground Surface
BHP	Brake Horsepower
BIPV	Building-Integrated Photovoltaic
BLM	Bureau of Land Management
BMP	Best Management Practice
CBC	National Audubon Christmas Bird Count
CCT	Critical Clearing Time
CECPN	Certificate of Environmental Compatibility and Public Need
CEF	Clean Energy Fund
CEII	Critical Energy Infrastructure Information
CEIWEF	Committee on Environmental Impacts of Wind Energy Projects
CES	Clean Energy Standard
CFR	Code of Federal Regulations

Acronym	Definition
CO ₂	Carbon Dioxide
CPI	Crop Productivity Index
CRIS	Cultural Resources Information System
CRSI	Concrete Reinforcing Steel Institute
cy	Cubic Yards
dB	Decibel
dBA	A-weighted decibels
dbh	Diameter at Breast Height
DC	Direct Current
DEIS	Draft Environmental Impact Statement
DEM	Digital Elevation Model
DoD	Department of Defense
DP	Design Point
DPS	Department of Public Service
DSM	Digital Surface Model
EAP	Emergency Action Plan
ECL	Environmental Conservation Law
EDR	Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C.
EEI	Edison Electric Institute
EIA	Electric Industry Alliance
EJ	Environmental Justice
ELF	Extremely Low Frequency
EMF	Electromagnetic Field
EPA	Environmental Protection Agency
ESRI	Environmental Systems Research Institute
FAA	Federal Aviation Administration
FCC	Federal Communications Commission
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FOIL	Freedom of Information Law
FSEIS	Final Supplemental Environmental Impact Statement
FTE	Full-time Equivalent
GHG	Greenhouse Gas
GIS	Geospatial Information System

Acronym	Definition
GPM	Gallons Per Minute
GPS	Global Positioning System
HCS	Highway Capacity Software
HMANA	Hawk Migration Association of North America
Hz	Hertz
IBA	Important Bird Area
IBC	International Building Code
ICEA	Insulated Cable Engineers Association
IEC	International Electro-technical Commission
IEEE	Institute of Electrical and Electronic Engineers
IETA	International Emissions Trading Association
ILFP	In-Lieu Fee Program
IMPLAN	Impact Analysis for Planning
IPaC	United States Fish and Wildlife Service's Information for Planning and Conservation
IPCC	Intergovernmental Panel on Climate Change
IPsec	Internet Protocol Security
ISCP	Invasive Species Control Plan
ISO	International Organization for Standardization
JEDI	Job and Economic Development Impact
kV	Kilovolt
lbs	Pounds
LED	Light Emitting Diode
LIDAR	Light Detection and Ranging
LIP	Landowner Incentive Program
LOS	Level of Service
LSR	Large-Scale Renewable
LSZ	Landscape Similarity Zone
MB/s	Megabytes Per Second
MCNR	Modified Composite Noise Rating
MEPPI	Mitsubishi Electric Power Products, Inc.
MEV	Million Entering Vehicles
MOSA	Montgomery-Otsego-Schoharie Solid Waste Management Authority
MPH	Miles Per Hour
MRVGFA	Mohawk River Valley Grassland Focus Area
MSHA	Mine Safety and Health Administration

Acronym	Definition
MV	Medium Voltage
MVA	MegaVolt Ampere
MVM	Million Vehicle Miles
MW	Megawatts
MWh	Megawatt-Hour
NAAQS	National Ambient Air Quality Standards
NAIP	National Agriculture Imagery Program
NASS	National Agricultural Statistics Service
NBS	National Bureau of Standards
NCBP	Net Conservation Benefit Plan
NCED	National Conservation Easement Database
NCR	Nonconformance Report
NEC	National Electric Code
NEMA	National Electric Manufacturer's Association
NERC	North American Electric Reliability Corporation
NESC	National Electric Safety Code
NESHAP	National Emission Standards for Hazardous Air Pollutants
NETA	National Electrical Testing Association
NEXRAD	Next-Generation Radar
NFPA	National Fire Protection Association
NFWFL	National Fish and Wildlife Forensics Laboratory
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NIST	National Institute of Standards and Technology
NLCD	National Land Cover Data
NLEB	Northern Long-eared Bat
NLOS	Non-line-of-sight
NOAA	National Oceanic Atmospheric Administration
NOx	Nitrogen Oxides
NPCC	Northeast Power Coordinating Council
NPMS	National Pipeline Mapping System
NPS	National Park Service
NRCS	National Resources Conservation Service
NREL	National Renewable Energy Laboratory
NRHP	National Register of Historic Places
NRMCA	National Ready Mixed Concrete Association

Acronym	Definition
NSPS	New Source Performance Standard
NTRU	Nephelometric Turbidity Ratio Unit
NWI	National Wetlands Inventory
NYAC	New York Archaeological Council
NYCA	New York Control Area
NYCRR	New York Code, Rules, and Regulations
NYISO	New York Independent System Operator
NYNHP	New York Natural Heritage Program
NYRCR	New York Rising Countywide Resiliency
NYS	New York State
NYSCAC	New York State Climate Action Council
NYSDAM	New York State Department of Agriculture and Markets
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOS	New York State Department of State
NYSDOT	New York State Department of Transportation
NYSDPS	New York State Department of Public Service
NYSEG	New York State Electric and Gas
NYSEPB	New York State Energy Planning Board
NYSERDA	New York State Energy Research Development Authority
NYSGS	New York State Geological Survey
NYSM	New York State Museum
NYSOPRHP	New York State Office of Parks, Recreation, and Historic Preservation
NYSORPS	New York State Office of Real Property Services
NYSRC	New York State Reliability Council
O ₃	Ozone
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
OS/OW	Oversize/Overweight
PCA	Portland Cement Association
PD	Partial Discharge
PILOT	Payment In Lieu Of Taxes
PIP	Public Involvement Program
PM _{2.5}	Particulate Matter
POI	Point of Interconnection
PPE	Personal Protective Equipment

Acronym	Definition
PPV	Peak Particle Velocity
PSC	Public Service Commission
PSL	Public Service Law
PSS	Public Scoping Statement
PV	Photovoltaic
PWL	Priority Waterbodies List
QA/QC	Quality Assurance/Quality Control
REA	Rural Electrification Administration
REC	Renewable Energy Credit
REV	Reforming the Energy Vision
RFI	Request For Information
RGGI	Regional Greenhouse Gas Initiative
RIBS	Rotating Integrated Basin Studies
RICE	Reciprocating Internal Combustion Engines
ROW	Right-Of-Way
RPA	Registered Professional Archaeologist
RTU	Remote Terminal Unit
RUA	Road Use Agreement
S/NRHP	State/National Register of Historic Places
SAE	Society of Automotive Engineers
SAT	Single Axis Tracking
SCADA	System Control and Data Acquisition
SEA	Sound Emissions Assessment
SEP	State Energy Plan
SEQR	State Environmental Quality Review
SFHA	Special Flood Hazard Area
SGCN	Species of Greatest Conservation Need
SHPO	State Historic Preservation Office
SO ₂	Sulfur Dioxide
SPCC	Spill Prevention, Control, and Countermeasure
SPDES	State Pollution Discharge Elimination System
SRHP	State Register of Historic Places
SRIS	System Reliability Impact Study
SSC	Species of Special Concern
SSPC	Society for Protective Coatings
SSU	Secondary Skid Unit

Acronym	Definition
SSURGO	Soil Survey Geographic Database
SWCD	Soil and Water Conservation District
SWPPP	Stormwater Pollution Prevention Plan
TCC	Time Current Curves
TIA	Telecommunications Industry Association
UAV	Unmanned Aerial Vehicle
UBC	Uniform Building Code
UL	Underwriter's Laboratories
URL	Uniform Resource Locator
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDI	United States Department of the Interior
USDOT	United States Department of Transportation
USEIA	United States Energy Information Administration
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USSE	Utility Scale Solar Energy
VHF	Very High Frequency
VIA	Visual Impact Assessment
VLf	Very Low Frequency
VOIP	Voice Over Internet Protocol
VPN	Virtual Private Network
VSR	Visually Sensitive Resource
WEST	Western Ecosystems Technology, Inc.
WF	Wide Flange
WI	Waterbody Inventory
WOUS	Waters of the US
WQC	Water Quality Certification
ZEC	Zero Emissions Credits
3D	Three-Dimensional