

TABLE OF CONTENTS

APPLICATION

| | |
|------------|--|
| EXHIBIT 1 | General Requirements |
| EXHIBIT 2 | Overview and Public Involvement |
| | Figure 2-1: Regional Facility Location |
| | Figure 2-2: Facility Layout |
| EXHIBIT 3 | Location of Facilities |
| | Figure 3-1: Proposed Major Electric Generating Facility Location |
| | Figure 3-2: Interconnection Location |
| | Figure 3-3: Municipal Boundaries and Temporary Road Improvements |
| EXHIBIT 4 | Land Use |
| | Figure 4-1: Existing Land Use |
| | Figure 4-2: Land Use Programs and Specially Designated Areas |
| | Figure 4-3: Transmission Facilities and Resource Extraction - CONFIDENTIAL |
| | Figure 4-4: Tax Parcel Map |
| | Figure 4-5: Zoning Districts |
| | Figure 4-6: Proposed Land Use |
| | Figure 4-7: Specially Designated Areas |
| | Figure 4-8: Recreational Areas and Sensitive Land Uses |
| | Figure 4-9: Aerial Photograph Overlays |
| EXHIBIT 5 | Electric System Effects |
| EXHIBIT 6 | Wind Power Facilities |
| | Figure 6-1: Setbacks |
| EXHIBIT 7 | Natural Gas Power Facilities |
| EXHIBIT 8 | Electric System Production Modeling - REDACTED |
| EXHIBIT 9 | Alternatives |
| | Figure 9-1: Facility Site Comparison Map |
| EXHIBIT 10 | Consistency with Energy Planning Objectives |
| EXHIBIT 11 | Preliminary Design Drawings |
| EXHIBIT 12 | Construction |
| EXHIBIT 13 | Real Property |
| | Figure 13-1: Real Property Map of Generating Site and Interconnection Facility |
| EXHIBIT 14 | Cost of Facilities |
| EXHIBIT 15 | Public Health and Safety |
| | Figure 15-1: Public Health and Safety |
| EXHIBIT 16 | Pollution Control Facilities |
| EXHIBIT 17 | Air Emissions |
| EXHIBIT 18 | Safety and Security |
| EXHIBIT 19 | Noise and Vibration |
| | Figure 19-1: Sensitive Receptor Locations |

| | |
|------------|---|
| EXHIBIT 20 | Cultural Resources |
| EXHIBIT 21 | Geology, Seismology, and Soils |
| | Figure 21-1: Facility Slope |
| | Figure 21-2: Facility Soil Types |
| | Figure 21-3: Facility Bedrock |
| EXHIBIT 22 | Terrestrial Ecology and Wetlands - REDACTED |
| | Figure 22-1: Impact to Plant Communities |
| | Figure 22-2: Significant Natural Communities |
| | Figure 22-3: Delineated Wetlands and Surface Waters |
| EXHIBIT 23 | Water Resources and Aquatic Ecology - REDACTED |
| | Figure 23-1: Groundwater Aquifers and Recharge Areas - CONFIDENTIAL |
| | Figure 23-2: Surface Waters |
| EXHIBIT 24 | Visual Impacts |
| EXHIBIT 25 | Effect on Transportation |
| EXHIBIT 26 | Effect on Communications |
| | Figure 26-1: Communications Impacts Report |
| EXHIBIT 27 | Socioeconomic Effects - REDACTED |
| EXHIBIT 28 | Environmental Justice |
| | Figure 28-1: Potential Environmental Justice Areas |
| EXHIBIT 29 | Site Restoration and Decommissioning |
| EXHIBIT 30 | Nuclear Facilities |
| EXHIBIT 31 | Local Laws |
| EXHIBIT 32 | State Laws and Regulations |
| EXHIBIT 33 | Other Applications and Filings |
| EXHIBIT 34 | Electric Interconnection |
| EXHIBIT 35 | Electric and Magnetic Fields |
| EXHIBIT 36 | Gas Interconnection |
| EXHIBIT 37 | Back-Up Fuel |
| EXHIBIT 38 | Water Interconnection |
| EXHIBIT 39 | Wastewater Interconnection |
| EXHIBIT 40 | Telecommunications Interconnection |
| EXHIBIT 41 | Applications To Modify or Build Adjacent |

APPENDICES

| | |
|----------------|--|
| Appendix 1-A: | Certificate of Formation |
| Appendix 2-A: | Stakeholder List |
| Appendix 2-B: | Cumulative Event Log |
| Appendix 2-C: | Public Outreach Summary |
| Appendix 4-A: | Summary of Zoning Ordinances |
| Appendix 5-A: | System Reliability Impact Study - CONFIDENTIAL |
| Appendix 5-B: | Preliminary Electrical Detail Drawings |
| Appendix 5-C: | Example Type Certifications - CONFIDENTIAL |
| Appendix 5-D: | Preliminary Operations & Maintenance Plan |
| Appendix 6-A: | Wind Turbine Brochure Materials |
| Appendix 8-A: | Generation Dispatch Model - CONFIDENTIAL |
| Appendix 11-A: | Preliminary Design Drawings (Civil) |
| Appendix 11-B: | Preliminary Wind Turbine Foundation Design Drawings - CONFIDENTIAL |
| Appendix 11-C: | O&M Building Elevation Drawings |
| Appendix 11-D: | Site Plan Schematics |
| Appendix 11-E: | Typical Wind Turbine Technical and Safety Manuals - CONFIDENTIAL |
| Appendix 12-A: | Preliminary QA/QC Plan |
| Appendix 12-B: | Complaint Resolution Plan |
| Appendix 14-A: | Cost Customization Log - CONFIDENTIAL |
| Appendix 15-A: | Shadow Flicker Report |
| Appendix 18-A: | Preliminary Site Security Plan |
| Appendix 18-B: | Preliminary Emergency Action Plan |
| Appendix 19-A: | Pre-Construction Noise Impact Assessment - REDACTED |
| Appendix 19-B: | Noise Complaint Resolution Plan |
| Appendix 19-C: | Sound Monitoring and Compliance Protocol |
| Appendix 20-A: | Phase 1A Archeological Resources Survey - CONFIDENTIAL |
| Appendix 20-B: | Phase 1B Archaeological Survey Summary Report - CONFIDENTIAL |
| Appendix 20-C: | Unanticipated Discovery Plan |
| Appendix 20-D: | Phase 1A Historic Architectural Resources Survey |
| Appendix 20-E: | Historic Resources Survey Report |
| Appendix 21-A: | Geotechnical Desktop Study |
| Appendix 21-B: | Preliminary Geotechnical Engineering Report |
| Appendix 21-C: | Preliminary Blasting Plan |

| | |
|----------------|--|
| Appendix 21-D: | Preliminary Inadvertent Return Plan |
| Appendix 21-E | Preliminary Stormwater Pollution Prevention Plan |
| Appendix 22-A: | Plant and Wildlife Species Lists |
| Appendix 22-B: | Invasive Species Control Plan |
| Appendix 22-C: | Pre-construction Survey Reports - CONFIDENTIAL |
| Appendix 22-D: | Vernal Pool Report |
| Appendix 22-E: | Habitat Fragmentation Analysis |
| Appendix 22-F: | Avian Risk Assessment - REDACTED |
| Appendix 22-G: | Cumulative Impacts Assessment -REDACTED |
| Appendix 22-H: | Net Conservation Benefit Plan - REDACTED |
| Appendix 22-I: | Curtailment Financial Analysis - CONFIDENTIAL |
| Appendix 22-J: | Wetland and Stream Delineation Report |
| Appendix 22-K: | Wetland and Stream Impact Drawings |
| Appendix 22-L | Environmental Compliance and Monitoring Plan |
| Appendix 23-A: | Private Water Well Survey Responses - CONFIDENTIAL |
| Appendix 23-B: | Preliminary SPCC Plan |
| Appendix 24-A: | Visual Impact Assessment |
| Appendix 25-A: | Route Evaluation Study |
| Appendix 25-B: | Draft Road Use Agreement |
| Appendix 25-C: | FAA Advisory Circular |
| Appendix 25-D: | NTIA Correspondence |
| Appendix 26-A: | Evans Engineering Report |
| Appendix 29-A: | Decommissioning Plan and Retirement Cost Evaluation - CONFIDENTIAL |
| Appendix 31-A: | Local Laws |
| Appendix 31-B: | Simulation of 600 foot turbine versus 500 foot turbine |
| Appendix 35-A: | Electric and Magnetic Field Study |

ACRONYMS AND ABBREVIATIONS

| Acronym | Definition |
|----------------|--|
| AADT | Annual Average Daily Traffic |
| ALIS | Accident Location Information System |
| ANSI | American National Standards Institute |
| APE | Area of Potential Effect |
| ASCE | American Society of Civil Engineers |
| ASTM | American Society for Testing and Materials |
| AWEA | American Wind Energy Association |
| BBA | New York Breeding Bird Atlas |
| BBS | USGS Breeding Bird Survey |
| BMP | Best Management Practice |
| BOP | Balance of Plant |
| CBC | Audubon Christmas Bird Count |
| CEA | Critical Environmental Area |
| CEF | Clean Energy Fund |
| CEII | Critical Energy Infrastructure Information |
| CES | Clean Energy Standard |
| CRIS | Cultural Resources Information System |
| DEM | Digital Elevation Model |
| DMM | Document Matter Master |
| DNH | Determination of No Hazard |
| DoD | Department of Defense |
| EAP | Emergency Action Plan |
| E&E | Ecology and Environment, Inc. |
| EDR | Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. |
| ECPG | USFWS Eagle Conservation Plan Guidance |
| EJ | Environmental Justice |
| EMF | Electric and Magnetic Field |
| FAA | Federal Aviation Administration |
| FCC | Federal Communications Commission |
| FEMA | Federal Emergency Management Agency |
| FOIL | Freedom of Information Law |
| FTE | Full-time Equivalent |
| GHG | Green House Gases |
| GIS | Geospatial Information System |

| Acronym | Definition |
|----------------|---|
| GPM | Gallons Per Minute |
| GPS | Global Positioning System |
| HASP | Health and Safety Plan |
| HCA | Host Community Agreement |
| HDD | Horizontal Directional Drilling |
| HMANA | Hawk Migration Association of North America |
| HREA | Historic Resources Effects Analysis |
| IBA | Important Bird Area |
| IEEE | Institute of Electrical and Electronic Engineers |
| IPaC | United States Fish and Wildlife Service's Information for Planning and Conservation |
| ISCP | Invasive Species Control Plan |
| JEDI | Job and Economic Development Impact |
| LAP | Local Area Population |
| LSR | Large-Scale Renewable |
| LSZ | Landscape Similarity Zones |
| LWRP | Local Waterfront Revitalization Program |
| MW | Megawatts |
| NCBP | Net Conservation Benefit Plan |
| NCED | National Conservation Easement Database |
| NESC | National Electric Safety Code |
| NEXRAD | Next-generation Radar |
| NFPA | National Fire Protection Association |
| NLCD | National Land Cover Data |
| NLEB | Northern Long-eared Bat |
| NPH | Notice of Presumed Hazard |
| NRCS | National Resources Conservation Service |
| NREL | National Renewable Energy Laboratory |
| NRHP | National Register of Historic Places |
| NTIA | National Telecommunications and Information Administration |
| NWI | National Wetlands Inventory |
| NYCRR | New York Code, Rules and Regulations |
| NYSCAC | New York State Climate Action Council |
| NYSDAM | New York State Department of Agriculture and Markets |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOS | New York State Department of State |

| Acronym | Definition |
|----------------|--|
| 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 |
| NYSORPS | New York State Office of Real Property Services |
| O&M | Operation and Maintenance |
| OS/OW | Oversize/Overweight |
| PILOT | Payment In Lieu Of Taxes |
| PIP | Public Involvement Program |
| POI | Point of Interconnection |
| PPE | Personal Protective Equipment |
| PSC | Public Service Commission |
| PSL | Public Service Law |
| PSS | Public Scoping Statement |
| REC | Renewable Energy Credit |
| REV | Reforming the Energy Vision |
| ROW | Right-Of-Way |
| RUA | Road Use Agreement |
| S/NRHP | State/National Register of Historic Places |
| SCADA | System Control and Data Acquisition |
| SEP | State Energy Plan |
| SGCN | Species of Greatest Conservation Need |
| SLF | Stone Landscape Features |
| SPCC | Spill Prevention, Control, and Countermeasure |
| SPDES | State Pollution Discharge Elimination System |
| SRIS | System Reliability Impact Study |
| SWPPP | Stormwater Pollution Prevention Plan |
| UCS | Unified Soil Classification |
| USACE | United States Army Corps of Engineers |
| USCB | United States Census Bureau |
| USDA | United States Department of Agriculture |
| USDOE | United States Department of Energy |
| USEPA | United States Environmental Protection Agency |
| USFWS | United States Fish and Wildlife Service |
| USGS | United States Geological Survey |

| Acronym | Definition |
|---------|-------------------------------|
| USN | Unique Site Number |
| VIA | Visual Impact Assessment |
| WECS | Wind Energy Conversion System |
| WHO | World Health Organization |
| WNS | White-nose Syndrome |
| ZEC | Zero Emissions Credits |