# MILL POINT SOLAR I PROJECT 94-C APPLICATION TABLE OF CONTENTS

## Exhibit 1. General Requirements

Appendix 1-1. Certificate of Formation and New York State Entity Status

#### Exhibit 2. Overview and Public Involvement

Figure 2-1. Facility Site Location Map

Appendix 2-1. Community Meeting Materials

Appendix 2-2. Notices and Affidavits

Appendix 2-3. Project Coordination Log

Appendix 2-4. Stakeholder List

Appendix 2-5. Town Consultation Meeting Materials

Appendix 2-6. County Consultation Meeting Materials

Appendix 2-7. School Consultation Meeting Materials

Appendix 2-8. Fire Department Consultation Meeting Materials

#### Exhibit 3. Location of Facilities and Surrounding Land Use

Figure 3-1. Project Components

Figure 3-2. Municipal Boundaries and Tax Jurisdictions

Figure 3-3. Current Land Use and Major Utility Infrastructure in the Study Area

Figure 3-4. Tax Parcel Map within 1000 Feet of Facility Site

Figure 3-5. Zoning Districts and Publicly Known Proposed Land Uses in the Study Area

Figure 3-6. Designated Areas within the Study Area

Figure 3-7. Aerial Photography of the Study Area

Appendix 3-1. Town of Glen Comprehensive Plan

Appendix 3-2. Agricultural and Farmland Protection Plan for Montgomery County

Appendix 3-3. Montgomery County Hazard Mitigation Plan

Appendix 3-4. Mohawk Valley Regional Sustainability Plan

Appendix 3-5. Proposed Land Use Consultation Letter

#### Exhibit 4. Real Property

Figure 4-1. Real Property Map

#### Exhibit 5. Design Drawings

Appendix 5-1. Design Drawings Appendix 5-2. Landscape Plans Appendix 5-3. Substation and Switchyard Design Appendix 5-4. Equipment Specification Sheets

#### Exhibit 6. Public Health, Safety, and Security

Figure 6-1. Emergency Facilities and Hazards in the Study Area Appendix 6-1. Site Security Plan Appendix 6-2. Safety Response Plan

#### Exhibit 7. Noise and Vibration

Figure 7-1. Sound Level Modeling Locations Figure 7-4-1. Short-Term (Mitigated) Leq (8-Hr) Sound Level Modeling Results Figure 7-5.1. Substation (Mitigated) Leq (1-Hr) Sound Level Modeling Results Figure 7-j.1. Sound Levels During Simultaneous Trenching and Road Construction – Area 1

Figure 7-j-2. Sound Levels During HDD – Area 2

Appendix 7-1. List of Modeled Sound Sources

Appendix 7-2. List of Sound Receptors

Appendix 7-3. Ambient Pre-Construction Sound Level Measurement Program

Appendix 7-4. Project Modeled Sound Levels—L<sub>eq</sub> (8-hour)

Appendix 7-5. Substation Modeled Sound Levels—L<sub>eq</sub> (1-hour)

Appendix 7-6. Maximum Modeled Construction Sound Levels—L<sub>eq</sub> (1-second)

Appendix 7-7. Substation Layout

Appendix 7-8. Manufacturer Sound Level Data Sheets

Appendix 7-9. Glossary of Terms

# Exhibit 8. Visual Impacts

Appendix 8-1. Visual Impact Assessment

# Exhibit 9. Cultural Resources

Appendix 9-1. Phase IA, IB, and IB Addendum I Archaeological/Cultural Resources Studies

Appendix 9-2. OPRHP Facility Related Correspondence

Appendix 9-3. Historic Architectural Resources Survey Report

Appendix 9-4. OPRHP Human Remains Discovery Protocol

Appendix 9-5. Memorandum on the Glen Historic District

Appendix 9-6. Unanticipated Discovery Plan

# Exhibit 10. Geology, Seismology, and Soils

Figure 10-1. Existing Slopes Figure 10-2. Soil Types Figure 10-3. Surficial Geology Figure 10-4. Bedrock Geology Figure 10-5. Seismic Hazards Appendix 10-1. Geotechnical Engineering Report

# Exhibit 11. Terrestrial Ecology

Figure 11-1. Land Cover within the Facility Site Appendix 11-1. USFWS IPaC Consultation Appendix 11-2. Wildlife Inventory Table Appendix 11-3. ORES Pre-Application WSCR Consultation Findings

# Exhibit 12. New York State Threatened and Endangered Species

Appendix 12-1. Wildlife Site Characterization Report Appendix 12-2. Grassland Breeding Bird Survey Report Appendix 12-3. State-Listed Wintering Grassland Raptor Survey Report 2020-2021 Appendix 12-4. State-Listed Wintering Grassland Raptor Survey Report 2021-2022 Appendix 12-5. ORES Determination of Occupied Habitat, Incidental Take, and Net Conservation Benefit Appendix 12-6. Net Conservation Benefit Plan

#### Exhibit 13. Water Resources and Aquatic Ecology

Figure 13-1. Water Wells, Groundwater Aquifers, and Recharge Areas

Figure 13-2. Mapped Wetlands and Surface Water

Figure 13-3. Delineated Surface Water

Figure 13-4. Depth to Groundwater

Appendix 13-1. Well Data FOIL Requests and Responses

Appendix 13-2. Private Water Well Survey

Appendix 13-3. Stormwater Pollution Prevention Plan

Appendix 13-4. ORES Surface Waters Jurisdictional Determination

Appendix 13-5. Hydrology Desktop Review and Scour Analysis

#### Exhibit 14. Wetlands

Figure 14-1. Delineated Wetlands

Figure 14-2. Wetland W-KCF-13 Proposed Impacts

Figure 14-3. Wetland W-NSD-01 Proposed Impacts

Figure 14-4. Wetland W-KCF-15 Proposed Impacts

Figure 14-5. Wetland W-NSD-20 Proposed Impacts

Appendix 14-1. Wetland and Stream Delineation Report

Appendix 14-2. ORES Wetlands Jurisdictional Determination

Appendix 14-3. Wetland Functions and Values Assessment

Appendix 14-4. Draft Wetland Mitigation Plan

## Exhibit 15. Agricultural Resources

Figure 15-1. Agricultural Land in the Study Area

Figure 15-2. Location of Drainage Features within the Study Area

Figure 15-3. Mineral Soil Groups 1-4 in the Facility Site

Figure 15-4. Agricultural Land to Remain in Production within the Facility Site Appendix 15-1. Agricultural Tax Assessment

Appendix 15-2. Agricultural Use Landowner Survey

Appendix 15-3. Agricultural Plan

Appendix 15-4. Drainage Remediation Plan

# Exhibit 16. Effect on Transportation

Figure 16-1. Draft Haul Route

Appendix 16-1. AASHTO Tables and Sight Distance Diagrams

Appendix 16-2. NYSDOT Average Annual Daily Traffic (AADT) Volumes

Appendix 16-3. Accident Summary Data 2018-2020

Appendix 16-4. School Bus Routes and Transit Routes

Appendix 16-5. Emergency Access Routes

Appendix 16-6. Posted Bridge and Culvert Data

Appendix 16-7. Construction Access Routes

Appendix 16-8. Highway Capacity Software (HCS) Level of Service Output

Appendix 16-9. Truck Turning Templates

Appendix 16-10. FAA Notice Criteria Tool Screenshots

# Exhibit 17. Consistency with Energy Planning Objectives

# Exhibit 18. Socioeconomic Effects

### Exhibit 19. Environmental Justice

Figure 19-1. Potential Environmental Justice Areas Figure 19-2. Disadvantaged Communities in Vicinity

### Exhibit 20. Effect on Communication

#### Exhibit 21. Electric System Effects and Interconnection Appendix 21-1. Systems Reliability Impact Study

### Exhibit 22. Electric and Magnetic Fields

Appendix 22-1. Electric Magnetic Field (EMF) Study

## Exhibit 23. Site Restoration and Decommissioning

Appendix 23-1. Decommissioning and Site Restoration Plan

# Exhibit 24. Local Laws and Ordinances

Appendix 24-1. Town of Glen Code (2004) Appendix 24-2. Town of Glen Land Use Management Ordinance (2006) Appendix 24-3. Solar Energy Facilities Law of the Town of Glen (2022) Appendix 24-4. Town of Glen Subdivision Regulations (2011) Appendix 24-5. Statement of Justification For Local Law Waiver Requests Appendix 24-6. Town of Glen Code Interpretation for Wetland Setbacks Appendix 24-7. Resolution 22 of the Town of Glen

## Exhibit 25. Other Permits and Approvals