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Appendices

- Appendix A - Full Environmental Assessment Form (EAF)
- Appendix B – Agency Correspondence
- Appendix C – Project Equipment Data

List of Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|----------------------|---|
| § | Section |
| AC | Alternating Current |
| ACM | Asbestos Containing Material |
| APOD | Aquifer Protection Overlay District |
| AMSL | Above Mean Sea Level |
| ASME | American Society of Mechanical Engineers |
| AST | Aboveground Storage Tank |
| ASTM | American Society of Testing Materials |
| BMP | Best Management Practices |
| BOCES | Board of Cooperative Educational Services |
| CEA | Critical Environmental Area |
| CEI | Clean Energy Initiative |
| CHP | Combined Heat and Power |
| CO | Carbon Monoxide |
| CO ₂ | Carbon Dioxide |
| ConEd | Consolidated Edison, Inc. |
| CR | County Road |
| CSP | Concentrating Solar Power |
| dB | Decibels |
| dBA | Decibels, A-weighted scale |
| DC | Direct Current |
| EA | Environmental Assessment |
| EAF | Environmental Assessment Form |
| ECL | Environmental Conservation Law |
| EMF | Electromagnetic Fields |
| EDR | Environmental Data Resources |
| EPC Contractor | Engineering Procurement and Construction Contractor |
| ESP | enXco Solar Project |
| FEMA | Federal Emergency Management Agency |
| FIRM | Flood Insurance Rate Map |
| Hz | Hertz |
| IES | Illuminating Engineering Society |
| ISO | International Standards Organization |
| kV | Kilovolt |
| kW | Kilowatt |
| LIPA | Long Island Power Authority |
| LIRPB | Long Island Regional Planning Board |
| LIRR | Long Island Railroad |
| LISRI | Long Island Solar Roof Initiative |
| mG | Milligauss |
| MW | Megawatt |
| MWh | Megawatt Hour |
| NEP | National Estuary Program |
| NHP | National Heritage Program |
| NOI | Notice of Intent |
| NO _x | Nitrogen Oxides |
| NPS | National Park Service |
| NY | New York |
| NYCRR | New York Codes Rules and Regulations |
| NYIT | New York Institute of Technology |
| NYS | New York State |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOT | New York State Department of Transportation |

List of Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|----------------------|--|
| NYSERDA | New York State Energy Research Development Authority |
| NYS OPRHP | New York State Office of Parks, Recreation and Historic Preservation |
| NYS SEQRA | New York State Environmental Quality Review Act |
| OE | Obstruction Evaluation |
| PA NY/NJ | Port Authority New York & New Jersey |
| PCC | Point of Common Coupling |
| PE | Professional Engineer |
| PJM | Pennsylvania, New Jersey & Maryland |
| Plan | LIPA's 2009-2018 Electric Resource Plan |
| PM | Particulate Matter |
| PPA | Power Purchase Agreement |
| Project | Eastern Long Island Solar Project |
| PSC | Public Service Commission |
| PV | Photovoltaic |
| REC | Renewable Energy Credit |
| RFI | Request For Information |
| RFP | Request For Proposals |
| RP | Recommended Practice |
| RPS | Renewable Portfolio Standard |
| SASS | Scenic Areas of Statewide Significance |
| SCDPW | Suffolk County Department of Public Works |
| SCS | Soil Conservation Service |
| SEPA | Solar Electric Power Association |
| SF | Square Feet |
| SGF | Solar Generating Facility |
| SOx | Sulphur Oxides |
| SPGA | Special Groundwater Protection Area |
| SPL | Sound Pressure Level |
| 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 |
| US OSHA | United States Occupational Safety and Health Administration |
| UST | Underground Storage Tank |
| V | Volt |
| VA | Volt-Ampere |
| WSRR | New York State Wild, Scenic and Recreational Rivers Act |
| ZBA | Zoning Board of Appeals |