APPENDIX F

Appendix F -Application Checklist

Completed standard application form	√
Signed copy of the standard contract	√
Letter of authorization, signed by the Customer, to provide for the contractor to act as the customer's agent, if necessary	√
If requesting a new service, a site plan drawing with the proposed interconnection point identified by a Google Earth, Bing Maps, or similar satellite image. For those projects interconnected on existing services, account number, meter number, photos of existing service entrance equipment (existing metering facilities and switchgear) and a site plan drawing shall be provided. The drawings shall show all electrical components proposed for the installation and their connections to the existing on-site electrical system from that point to the PCC, and shall be clearly marked to distinguish between new and existing equipment.	√
Proof of Site Control as per Section II.A.8	√
Description/Narrative of the project and site proposed. If multiple DG systems are being proposed at the same site/location, this information needs to be identified and explained in detail	√
DG technology type	√
DG fuel source / configuration	√
Proposed project size in AC kW	√
Project is subject to Solar Communities Feed-in Tariff, net metered, remote or community net metered	√
Copy of the certificate of compliance referencing UL 1741. If proposing power-limited equipment, provide additional generic letter by manufacturer detailing output range in which inverter model(s) were tested and certified to UL 1741.	√
Copy of the manufacturer's product data sheet for the interface equipment. For custom equipment (e.g., transformer, disconnect, or recloser), copy of the manufacturer's product brochure.	√
Copy of the manufacturer's verification test procedures, if required	√
For systems 50 kW or less, provide a copy of the manufacturer's verification test procedures.	√
System Diagram - For solar PV and BESS applications – a single-line drawing that meets the requirements of this Appendix. For all other types of applications – a three-line diagram that meets the requirements of this Appendix. Single-line and three-line diagrams must include the following: 1. Number, individual ratings, connection configurations, and type of all major electrical components such as generating units, step-up transformers, auxiliary transformers, grounding transformers, neutral reactors, and switches/disconnects of the proposed interconnection, including the required protection devices (instrument transformer configuration and polarity if applicable) and circuit breakers. 2. Proposed inverter protection settings (and relay equipment settings if applicable). 3. Proposed generator step-up transformer MVA ratings, impedances, tap settings, neutral connections, winding configurations, and voltage ratings. 4. For those systems proposed to be interconnected at a system voltage of 1,000 volts or greater, the drawings shall be sealed by a NYS licensed Professional Engineer. 5. Control system designs, phase sequencing, differential relay settings, ground connections, and metering transformer connections	√

Appendix G – Screening Analysis

PRELIMINARY SCREENING ANALYSIS

Please refer to PSEG Long Island's Small Generator Interconnection Technical Requirements and Screening Criteria for Operating in Parallel with LIPA's Distribution System for Preliminary DER Interconnection Screening. The document can be found at the following link:

https://www.psegliny.com/aboutpseglongisland/ratesandtariffs/sgip

SUPPLEMENTAL SCREENING ANALYSIS

Please refer to PSEG Long Island's Small Generator Interconnection Technical Requirements and Screening Criteria for Operating in Parallel with LIPA's Distribution System for Supplemental DER Interconnection Screening. The document can be found at the following link:

https://www.psegliny.com/aboutpseglongisland/ratesandtariffs/sgip