

JEA Application for Interconnection of Distributed Generation System Less than or Equal to 100 kW



IMPORTANT: Interconnection of a distributed generation system and/or energy storage system to JEA's distribution grid requires **JEA's Application Pre-Approval** prior to the start of the installation, and **Installed System Approval** prior to the start of its operation. Approval for interconnection to JEA's distribution grid requires the following:

- 1) JEA **must receive and approve** all required documents listed in **Documentation** (Section 5).
- 2) The distributed generation system and/or energy storage system **must pass** the JEA on-site inspection.

Customer should review the **JEA Distributed Generation Policy** prior to submitting this application. Customer is responsible for any costs that may be incurred with the services that required the utilization of additional JEA engineers.

1. JEA CUSTOMER INFORMATION

Account Holder Name: _____ JEA Account #: _____
Service Address: _____
City: _____ State: _____ Zip: _____ Account is: Residential Commercial
Phone #: _____ Other #: _____ Email: _____

2. GENERATION SYSTEM INFORMATION *(For multiple generations/storages, submit application for each individually)*

New Generation System? Yes No (Skip to Section 3)
Generation source: Solar (PV) Wind Bio-mass Other: _____
Manufacturer Gross Output Power Rating of System (kW_{DC}): _____ Number of Solar Panels: _____
Panel Manufacturer: _____ Inverter Manufacturer: _____
Number of Inverters: _____ All Inverters UL 1741 SA Listed? Yes No

3. ENERGY STORAGE SYSTEM INFORMATION

Energy storage system (battery) included? Yes No (Skip to Section 4)
Manufacturer: _____ Usable storage capacity: _____ kWh Peak output: _____ kW
Guaranteed lifetime cycles: _____ Guaranteed lifetime years: _____ Battery Chemistry: _____
Total Generation(s) and/or Storage(s) Gross Output: _____ kW_{DC}

4. CONTRACTOR INFORMATION

Installation Contractor: _____ Florida License #: _____
Address: _____ City: _____ State: _____ Zip: _____
Phone #: _____ Fax #: _____ Email: _____
Electric Contractor: _____ Florida License #: _____
Address: _____ City: _____ State: _____ Zip: _____
Phone #: _____ Fax #: _____ Email: _____

5. DOCUMENTATION *(Initial to certify that documents are submitted together with this application)*

- (a) Required **Application Pre-Approval** documents to be submitted together with this application:
- | | |
|---------------------------------------|--|
| _____ Application for Interconnection | _____ One-line electric diagram, if generation system includes energy storage system
<i>(insert N/A, if not applicable)</i> |
| _____ Interconnection Agreement | |
| _____ IRS Form W-9 | _____ Energy storage system technical specification sheet(s) <i>(insert N/A, if not applicable)</i> |
- (b) Required **Installed System Approval** documents to be submitted before JEA on-site inspection:
- _____ Site survey clearly showing location of generation and/or battery system, inverter, disconnect switch(es)
 - _____ Finalized Electric Permit
 - _____ Inverter compliance with UL Standard 1741 and UL Standard 1741 SA
 - _____ Completed and Signed System Installation and Inspection Checklist (Page 2)

By signing below, I hereby certify that I am the JEA Account Holder and that all the information provided in this application is true and correct to the best of my knowledge, that I have read and understand the JEA Distributed Generation Policy, that I have submitted with this application all the required documentation listed in Section 5(a) and that I will submit all the required documentation listed in Section 5(b) prior to JEA on-site inspection.

Signature: _____ Name (Print): _____ Date: _____

6. SYSTEM INSTALLATION AND INSPECTION CHECKLIST

Check all the boxes that apply and mark "N/A" over the boxes if the items are not applicable.

- System hardware must be in compliance with the latest and all approved revisions of UL Standard 1741, UL Standard 1741 SA, IEEE Standard 1547.
- System installation must be in compliance with all relevant articles of the National Electric Code (particularly Article 690) and subsequent revisions, all local building codes and the latest revision JEA Electric Systems Procedure ES 20202 902 DER Facilities.
- The electric permit must be finalized by the local permit authority.
- All required documentation must have been received by JEA before JEA schedules the on-site inspection.
- The system must be tested by the installer for proper operation before calling for JEA on-site inspection.
- An external manual AC disconnect switch for the generation system should be placed within 5 feet of the JEA meter so they can be accessed at any time, if physically possible.
- If the system includes energy storage, a separate external manual AC disconnect switch for the energy storage system must be placed next to the generation system external manual AC disconnect switch.
- If any of the required external manual AC disconnect switches cannot be located within 5 feet of the meter, customer must provide a sign and permanently mount it next to the meter clearly stating the location(s) of the AC disconnect switch(es). The customer provided sign must be made of hard plastic, metal or weatherproof vinyl, 6" X 6" minimum with red background and 3/8" minimum white lettering.
- A JEA provided sign stating "Generation System Disconnect" and, if energy storage system is included, a JEA provided sign stating "Energy Storage System Disconnect" must be permanently mounted by the installer at the respective locations of external manual AC disconnect switches.
- The external manual AC disconnect switch for the generation system and, if energy storage is included, the separate external manual AC disconnect switch for the energy storage system must be in the open position (OFF) until JEA inspects the system and changes the meter for a two-register meter. **Do not energize the generation system and, if energy storage is included, the energy storage system, and do not export energy to JEA before JEA installs the new two register meter. The current meter may reverse register direction and activate anti-theft signals to JEA.**
- All other breakers for the generation system or the energy storage system should be in the ON position. The JEA inspector cannot test the generation system or the energy storage system if they are not in the ON position.
- After JEA installs the two-register meter, JEA will leave the external disconnect switch(es) in OFF position. The customer must put the external manual AC disconnect switch(es) in ON for the generation system and energy storage system to work.
- JEA does not allow coupler or splices to be installed on the conductor in the meter can. JEA does not allow an adapter for PV connection. JEA will allow the landing of secondary conductors via approved terminating lugs on the load side of the meter in accordance with NEC and the local inspection authority.
- If an energy storage system is included, the JEA inspector will verify the nameplate data, confirm that the system is connected per the previously provided one-line electrical diagram and the JEA provided energy storage disconnect sign is properly located at the required external manual AC disconnect switch.
- My JEA Utility Tracker is not available to customers with generation systems.

By checking all boxes that apply and by signing below, I hereby certify that I am the JEA Account Holder and that I have read, understand and agree to all requirements and procedures on Section 6–System Installation and Inspection Checklist.

Signature: Name (Print): Date:
Address: City: State: Zip: