

# JEA APPLICATION FORM FOR INTERCONNECTION OF RENEWABLE GENERATION SYSTEMS (TIERS 1 AND 2)



The JEA Net Metering Policy is intended to facilitate generation from customer-owned renewable energy sources to offset up to all of the customer's energy requirements. Interconnection to JEA's distribution grid requires advance application approval by JEA and a properly executed standard interconnection agreement with JEA. The application approval and the interconnection agreement must be obtained prior to initiating installation or construction of the customer-owned renewable generation system.

## 1. CUSTOMER INFORMATION

JEA Account Holder Name: \_\_\_\_\_ JEA Account #: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_ State \_\_\_\_\_ Zip: \_\_\_\_\_  
System Location (if different from above): \_\_\_\_\_  
Customer Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Other #: \_\_\_\_\_  
Customer Email: \_\_\_\_\_

## 2. SYSTEM INFORMATION

Type of Renewable Generation System (RGS), please check one: ☐ Residential ☐ Commercial

Size of RGS, please check one: ☐ Tier 1 – 10 KW or less

☐ Tier 2 – Greater than 10 KW but less than or equal to 100 KW

Tier 2 systems may require the utilization of other engineering groups within JEA, which may or may not incur additional customer costs, depending on the services required.

Renewable system source type:

☐ Solar (PV) ☐ Wind ☐ Bio-mass ☐ Other \_\_\_\_\_

System Manufacturer(s): \_\_\_\_\_

Inverter Manufacturer: \_\_\_\_\_

Number of Inverters: \_\_\_\_\_ Are Inverters UL 1741 Listed? ☐ Yes ☐ No

Inverter Location: \_\_\_\_\_

Manual Disconnect Switch Location: \_\_\_\_\_

If Solar: Number of Panels: \_\_\_\_\_ Panel Location: \_\_\_\_\_

Panel Manufacturer: \_\_\_\_\_

Manufacturer DC Gross Output Power Rating of System in kW (total): \_\_\_\_\_ kW

Annual energy production (AC) of the generation system to be installed (kWh per year): \_\_\_\_\_ kWh

Customer annual energy usage (kWh in the last 12 months, estimate if new structure): \_\_\_\_\_ kWh

To determine your annual energy usage please login to [jea.com](http://jea.com) and go to My JEA Utility Tracker.

For a new structure please attach detail of the calculation of your estimate.

Are energy storage devices included in the generation system? ☐ Yes ☐ No

If the generation system includes a storage device, please provide an electrical one line diagram, the energy storage capacity \_\_\_\_\_ kWh, and the demand capability \_\_\_\_\_ kW.

**In order to qualify for a net metering interconnection to JEA's distribution grid the customer's generation system must have a gross power rating that does not exceed 90% of customer's utility distribution service rating and does not result in annual energy (kWh) sent to the JEA grid that exceeds the customer's annual energy (kWh) obtained from the JEA grid.**

**My JEA Utility Tracker is not available to customers with photovoltaic systems.**

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**3. CONTRACTOR INFORMATION**

Installation Contractor: \_\_\_\_\_ License # \_\_\_\_\_

Contractor Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Email: \_\_\_\_\_

Contractor Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Other # \_\_\_\_\_

**4. HARDWARE AND INSTALLATION COMPLIANCE**

1. The system hardware shall be in compliance with:
  - a) UL 1741, *Inverters, Converters, and Controllers for Use in Independent Power Systems*
  - b) IEEE Standard 1547-2003, *Interconnecting Distributed Resources with Electric Power Systems*
2. The system shall be installed in compliance with:
  - a) All relevant articles of the National Electric Code (NEC) and subsequent revisions
  - b) All local building and electrical codes. An electrical permit is required.
  - c) JEA Electric Systems Procedure ES 20202 902 DG Facilities.

**5. INSPECTION**

The following items will be inspected / tested:

1. A manual disconnect switch (lockable) must be placed within 5 feet of the revenue meter (or as deemed acceptable by JEA inspector) so it can be accessed at any time.
2. If the disconnect switch is located away from the meter, a permanent sign must be mounted next to the meter stating the location of the disconnect switch. The sign must be 6" X 6" minimum with red background and 3/8" minimum white lettering.
3. A JEA provided sign stating "NOTICE: RENEWABLE GENERATION SYSTEM DISCONNECT" must be permanently mounted at the manual disconnect switch location.
4. The manual disconnect switch will be opened and the inverter(s) will be observed going offline. If micro-inverters are used, the AC disconnect switch cover and the main service panel cover will be opened / removed by homeowner or contractor, and the wiring will be visually inspected. Owner is responsible for having covers and/or panels removed for inspection.

Upon successful completion of the inspection, the meter shop will be notified so that a two register meter can be installed at the customer's facility.

**Warning: Do not energize the renewable generation system until JEA installs the new two register meter. The current meter may reverse register direction and activate anti-theft signals to JEA.**

**6. DOCUMENTATION**

The following documents must be provided with this application, **customer to initial:**

\_\_\_\_\_ **Site survey clearly showing location of Renewable Generation System, Inverter, and Manual Disconnect Switch**

\_\_\_\_\_ **Documentation of inverter UL 1741 Listing or compliance to UL 1741**

\_\_\_\_\_ **Completed W-9 form signed by customer (name must match JEA account name)**

\_\_\_\_\_ **Interconnection Agreement signed by customer (name must match JEA account name)**

A copy of the electric permit must be provided after JEA approves this application.

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**7. JEA NET METERING POLICY**

The entire JEA Net Metering Policy can be found at [www.jea.com](http://www.jea.com) and selecting Environment, Emerging Technologies, Net Metering, and JEA Tier 1 and 2 Net Metering Program

As the owner of this system and by signature, I have received, read and understand this application, the JEA Net Metering Policy and have signed the supplied Department of Treasury's Internal Revenue Service Form W-9, "Request for Taxpayer Identification Number and Certification."

Signed: \_\_\_\_\_ Name (Print): \_\_\_\_\_

Name must match with JEA account holder name

Date: \_\_\_\_\_