

JEA Battery Incentive Program

Effective April 1, 2018

Summary

This JEA Battery Incentive Program is intended to act in concert with the Distributed Generation Policy to facilitate generation from customer-owned renewable generation systems interconnecting to the JEA electric grid.

Definitions

- Battery – refers to an energy storage device connected to a home or business renewable generation system, designed to store the output of the renewable generation system and supply power on demand.
- Distributed Generation (DG) – Customer-owned generation located in the JEA electric service territory. Size may result in annual generation in excess of the customer's annual energy demand. Excludes customer-owned generation which is used for back-up/standby and does not operate in parallel with the JEA system.
- Fuel Charge – The charge for the fuel component in JEA's electric rates, as defined in the JEA Pricing Policy. The Fuel Charge will be set annually during the budget process to be effective October 1 of the upcoming fiscal year. The Charge is based on the forward 12-month energy cost projection and will be structured to fully recover all expected fuel-related costs and any amounts for Fuel Stabilization Fund over the coming fiscal year
- Gross Power Rating (GPR) – The total manufacturer's AC nameplate generating capacity of an on-site customer-owned generation system that will be interconnected to and operate in parallel with JEA's distribution facilities. For inverter-based systems, the GPR shall be calculated by multiplying the total installed DC nameplate generating capacity by 0.85 in order to account for losses during the conversion from DC to AC.
- Net Metering – A metering and billing methodology whereby customer-owned renewable generation is allowed to offset the customer's electricity consumption on site.
- Private Solar – A customer owned photovoltaic (PV) solar system on customer's home or business, usually on the roof, that produces energy to offset energy consumed.
- Renewable Generation – Energy produced from sources identified as renewable in Florida Statute 366.91(2) (d).
- Utility Distribution Service Rating – Distribution capacity rating of the JEA assets serving the customer up to the point of service. This includes, but is not limited to, the utility distribution transformer and utility service conductor.

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Qualifications

Any renewable Distributed Generation system is eligible to participate in the Battery Incentive Program.

Program Description

JEA shall provide a rebate of 30 percent of the cost of an energy storage system, up to \$2,000/customer, subject to lawfully appropriated funds. The JEA rebate is in addition to any federal tax incentive for which customers may be eligible. The requirements for suitable energy storage systems are established in the interconnection agreement. Customers electing to collect this rebate will be able to offset their consumption of electricity from JEA up to the limits of their storage device. At least annually as part of the budget process, JEA shall review the battery incentive program and the adoption rate of battery systems and modify the incentives, if necessary, to optimize adoption.

Application

An application form must be submitted by the customer and approved by JEA prior to initiating installation or construction of any distributed generation system. The customer will be required to complete and sign the application and provide all required documentation listed in the application form including an IRS W-9 form and an interconnection agreement. These documents can be found at jea.com. The documents must be signed by the individual who is listed on the JEA account. The application form and the interconnection agreement will be based on the system size and type of distributed generation:

- JEA Application Form for Interconnection Distributed Generation Systems. The same form can be used for a Private Solar Application and a Battery, if installed concurrently.

The customer can email the application package to DistGen@jea.com or deliver to:

Manager Customer Solutions
JEA T-12
21 West Church Street
Jacksonville, FL 32202

Upon receipt of the application package, a JEA employee will contact the customer to review the proposed installation and begin the interconnection analysis to determine any additional requirements and/or costs. The customer shall be responsible for all equipment upgrades, or similar, which would be necessary to complete the interconnection. The interconnection agreement serves as the contract between JEA and the customer, and will include additional requirements.

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Installation

The customer will be required to install the system in accordance with JEA Rules and Regulations section 2.16 and Electric Systems Procedure ES20202 902 or its successor as appropriate. An electrical construction permit must be obtained from the appropriate jurisdiction. The system must also pass a JEA inspection prior to connection and operation. Any required upgrades to JEA's system will be paid by the customer.

Metering – Billing & Credits

When a battery is installed in conjunction with a Private Solar installation, it should be sized to store the excess energy produced during the day (i.e., the energy that would have otherwise been sent to JEA). This stored energy would then be used by the customer during hours when the Private Solar is not producing energy. In this way, the customer would offset full retail consumption from JEA for all energy that is produced and used or stored for later use. Little or no energy from the Private Solar installation would be expected to be sent to the grid. Any excess energy sent to JEA would be credited in accordance with the Distributed Generation Policy.

Installation of a battery system changes the Distributed Generation diagram as follows:

