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Jacksonville, Florida 32202-3139



-VIA ELECTRONIC FILING-

October 7, 2015

Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0850
(850) 413 6770
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E L E C T R I C

W A T E R

S E W E R

**Re: Docket 150087-EG
JEA's Demand Side Management Plan**

Dear Ms. Stauffer:

Pursuant to Order No. PSC-15-0358-CO-EG, enclosed for electronic filing and administrative approval in the above referenced docket are JEA's program standards related to its approved DSM Plan. JEA respectfully request approval of these standards upon staff's review.

Sincerely,

A handwritten signature in blue ink that reads "Donald P. Wucker". The signature is fluid and cursive.

Donald P. Wucker, P.E
DSM Portfolio Management

Encl: 2015 DSM Program Standards

cc w/attach: Richard J. Vento

JEA's 2015 DSM Program Standards

- A. Residential Energy Audits**
- B. Residential Solar Water Heating**
- C. Residential Net Metering**
- D. Neighborhood Efficiency Program - (low income homes)**
- E. Commercial Energy Audits**
- F. Commercial Net Metering**

A. RESIDENTIAL ENERGY AUDIT (ASSESSMENT) PROGRAM

Program Participation Standards

JEA offers a home energy assessment for all residential customers in the JEA service territory.

The service is offered at no charge to our customers.

A JEA representative will survey the home and then offer cost-effective ideas designed to help lower energy costs. Areas of the customer's home that are inspected include: attic insulation, windows and caulking, weather stripping, water heaters, water temperature, air conditioning and heating system visual inspections, supply air & return air temperature readings, and refrigerator/freezer inspection.

JEA representatives also use a wide variety of tools and literature for customer education during the inspection. No cost measures such as air conditioning & heating thermostat temperature settings, proper use of ceiling fans, water heater settings, refrigeration temperature settings, management of plug (vampire) loads, management of computer, monitor & printer loads, management of lighting systems and cleaning surfaces of heat exchangers are encouraged.

In addition to the energy assessment, we also offer free water/waste water and irrigation assessment.

The services listed above are available to JEA customers by contacting the JEA business office by phone or email.

B. RESIDENTIAL SOLAR WATER HEATING

Program Participation Standards

For the purposes of these procedures, “Participant” means any person or company that installs, fabricates, designs, constructs or otherwise supplies products and services to JEA customers under the Solar Incentive Program.

- JEA considers satisfaction of its customers to be of paramount importance. JEA will monitor the performance of all Participants for quality customer service and workmanship. If it is deemed that a Participant is not performing at a level JEA judges to be in its best interest, the Participant may be disqualified from participation in the program.
- JEA will only provide incentive payments for systems accepted by the customer as complete, in accordance with what they purchased from Participant, and in compliance with the requirements of the incentive program. JEA only provides incentives for customers who are switching from JEA electric water heating to solar water heating.
- JEA must be notified by the Participant when a proposal is submitted to a customer for any Commercial project. JEA is to receive a copy of the technical aspects of the proposal. JEA must receive the commercial proposal within 5 business days of the customer placing an order.
- All customer proposals must clearly show the Full price of the system, the JEA Incentive and the Net price to the customer. The customer pays the Net price of the system to the Participant.
- The Participant is responsible to maintain any licenses, permits, inspections, and insurance required to perform work under this program. Licensed solar installers under Florida Statue 489.105 (3) (o) must install any solar energy system under this program¹. It is the Participant’s responsibility to ensure they adhere to all laws, rules, and regulations that apply to the promotion, purchase, and installation of their solar energy systems.
- JEA does not warrant or guarantee any system sold by Participant under this program. JEA is not liable for any representation or warranty made by Participant to customers concerning quality of materials, workmanship or any projected energy savings. Participant further understands that JEA makes no warranties concerning materials and installation, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Participant shall make no statements, representations or claims to customers inconsistent with this paragraph.
- Participant’s representation of the program shall conform to this document. Participant shall have no right to use any JEA trademark, Service Mark or logo for advertising, marketing, or identification purposes except as JEA may provide on documents and

¹ See “Exception for Installation of Solar Systems”

materials JEA develops to support this program. All communication materials using or referring to JEA or the JEA Solar Incentive Program must be reviewed prior to use to ensure consistency of the JEA Brand. (Please allow 5 business days for review and approval of any submitted materials.)

- Participants may identify themselves as: “JEA Authorized Solar Participant”
This language may only be used when accompanied by the clear identification of Participant’s business name, in type at least as large as the language above.
- All medium temperature solar hot water systems/equipment must:
 - Be FSEC approved
 - Comply with all local building and electrical codes
 - Be installed by properly licensed and qualified personnel under Florida Statute 489.105 (3) (o).
 - Operate at not less than 700 BTU/ft²
 - Operate with a solar fraction not to exceed 80%
- JEA retains all Green Attributes associated with projects installed under this program.
- Complete paperwork must be submitted for timely incentive payments. Incomplete incentive forms and/or incomplete or missing supporting documentation may result in payment delays.

Documentation requirements are:

- Solar Hot Water Systems
 - Invoice to JEA
 - Copy of customer invoice
 - Completed Solar Certificate
 - Photographs of installation (collector and water heater)
 - Copy of approved Incentive Fund Request form
- It is the Participant’s responsibility to ensure they adhere to all laws, rules, and regulations that apply to the promotion, purchase, and installation of their solar energy systems. Requirements for incentive payments do not supersede any of these laws, rules, or regulations.

Incentives

JEA Solar Power Incentives	Local Vendor	Non-local Vendor
New Solar Residential Water Heating System (medium temp collector)	\$800 per install	\$800 per install
Restoration of Existing Solar Water Heating System to Working Order ¹	30% of total installed cost up to \$500	15% of total installed cost up to \$250
<p>Notes:</p> <ol style="list-style-type: none"> 1. For systems installed before April 22, 1997; Retrofits apply to solar hot water systems and exclude the hot water heater tank. 2. There is a \$5,000 maximum incentive per project. This maximum may be waived by JEA based on business conditions, availability of funds, and projected residual funds required to fund the Program for the balance of the year. This potential waiver does not guarantee that 100% of the incentive will be available. 3. If other incentives (rebates, grants, etc.) are used to fund a solar system, these funds combined with JEA funds cannot exceed the cost of the system. JEA requires the disclosure of other incentives at the time the Incentive Fund Request form and Solar Certificate are submitted. 4. If a solar system is moved from its installed location JEA is to be notified prior to relocation. These systems are not eligible for additional solar incentive dollars. 5. JEA does not provide incentives for gas water heaters. 		

Exception for Installation of Solar Systems

The Solar Incentive Program Participant Guidelines indicated a solar license, under Florida Statute 489.105 (3) (o), as required for installing solar thermal systems. JEA will also accept installations by a licensed plumbing contractor, provided the contractor:

1. Obtain 3 continuing education units for the installation of solar thermal systems during each biennium. Or
2. Complete a training program through a manufacturer of solar thermal systems. Or
3. Complete a training program from a licensed solar contractor to install solar thermal systems.

JEA would prefer that the contractor be licensed under Florida Statute 489.105 (3) (o) and reserve the right to remove this provisional exception upon reasonable notice.

Incentives to Third Parties

Effective immediately, all Solar Certificates must be signed by the JEA electric customer receiving the incentive.

For example:

If a JEA electric customer is installing a solar water heating system that is purchased as part of a package through a 3rd party, the incentive form must be signed by the JEA electric customer and NOT the 3rd party offering the package. As always, ALL INFORMATION must be on the incentive form prior to customer signature. All customer proposals must clearly show the Full price of the system, the JEA Incentive and the Net price to the customer. The customer pays the Net price of the system to the Participant (or 3rd party in this case). The customer receives the pink certificate copy.

For situations where the final JEA electric customer is unknown (builder spec houses for example), the 3rd party may be considered the customer for purpose of paying incentives.

C. RESIDENTIAL NET METERING PROGRAM

Program Participation Standards

JEA allows customer-owned renewable generation up to 2 MW under its Net Metering Policy. Proposed installations which are greater than 2 MW in capacity will be outside of this policy and would need a specific Purchased Power Agreement with JEA which will be based on avoided cost principles. The JEA net metering policy is primarily intended to facilitate generation from renewable energy sources to offset part or all of the customer's energy requirements.

Net metering customers will be charged for the metered kWh received from JEA during each month and credited for the metered sent to JEA each month in accordance with Net Metering Policy Rates:

Net Metering Policy Rates Summary

Generation Range	Energy (kWh) Received (Purchased) from JEA	Energy (kWh) Delivered (Sold) to JEA
Tier 1 - 10 kW or less	Retail Rate	Retail Rate
Tier 2 – over 10 kW and less than 50 kW	Retail Rate	Retail Rate
Tier 2 - 50 kW up to 100 kW	SS-1 Retail Rate	Retail Rate
Tier 3 – over 100 kW up to 2 MW	SS-1 Retail Rate	Fuel Rate

The billed kWh consumption for each billing period will be the amount of kWh received from JEA measured at the meter at the end of the billing period. Customers will be charged using the customer's Retail Rate for energy, demand, fuel, environmental and conservation charges per kWh for the metered kWh received from JEA during each billing cycle. The customer will always pay the monthly customer charge and the Retail Rate plus taxes and fees based on the kWh that customer receives from JEA even if there is net zero consumption or net excess kWh exported to the grid during the billing cycle. Monetary credits for each billing period will be based on the kWh sent to JEA measured at the meter at the end of the billing period and the rate applicable to the customer's system. If the credit for a billing period is larger than the charges for the kWh received from JEA, JEA will carry over the credit balance, less any included taxes, to the next billing period. JEA will not distribute a monthly payment for the credit balance. JEA will apply the credit balance to the electric service balance each billing period through the end of the calendar year. If at the end of the calendar year the customer has a credit balance on the customer's JEA account related to their net metering service, the credit balance will be applied to any outstanding balance on the combined JEA customer account. JEA will then pay the customer the remaining account credit balance. JEA will also apply any credit balance to the final bill at the time the service agreement, or account, is closed and final billed. At the end of each year JEA will issue an IRS 1099-MISC tax form totalizing all monthly credits for the previous year to customers with total credits of \$600 or greater.

JEA reserves the right to monitor the aggregate load of all Net Metering connected to the JEA grid and at management's sole discretion institute aggregate load limits in the future that will limit the net metering customers by total MWs connected, date or other aggregate characteristics. Currently, an aggregate JEA system load limit of 10 MW is in place for Tier 1 – 3 Net Metering. JEA also reserves the right to develop specific rate classifications in the future that may have different cost recovery based rate structures than implied through net metering practices under this JEA Net Metering Policy.

In order to qualify for a net metered interconnection to JEA's distribution grid the customer's generation system must have a gross power rating that:

1. Does not exceed 90% of the customer's utility distribution service rating; and
2. Falls into one of the following ranges:
 - Tier 1 - 10 kW or less;
 - Tier 2 – greater than 10 kW and less than or equal to 100 kW;
 - Tier 3 – greater than 100 kW and less than or equal to 2 MW.
3. 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.

The customer will retain any Renewable Energy Certificates (REC) associated with a customer's renewable generation. The customer will be required to install the system in accordance with JEA Rules and Regulations section 2.16 and Engineering & Construction Services Procedure ECS20202 902, as appropriate. The system must pass a JEA inspection prior to connection and operation. JEA will furnish, install, own and maintain metering equipment at the installation point capable of monitoring the flow of power from JEA to the customer and from the customer to JEA.

D. NEIGHBORHOOD ENERGY EFFICIENCY PROGRAM

Program Participation Standards

JEA offers a two-phase program for low income customers.

Phase 1 – Neighborhood Blitz:

For qualified neighborhoods identified by the US Census Bureau as having more than 50% of the neighborhood population at or below 150% of the Federal Poverty Guidelines, and further identified by JEA as having high winter peak consumption.

Phase 1 provides installation of 15 electric and water conservation products as well as the energy education package of printed material and consultation with an energy audit on a door-to-door basis.

Phase 2 – New Home Owners:

For qualified first time new home owners involved in the City's loan assistance programs for low to moderate income residents.

Phase 2 provides an Energy Efficient Home Maintenance kit of 12 electric and water conservation products for participants in a Housing Counseling workshop required for first time home buyers.

E. COMMERCIAL ENERGY AUDITS (ASSESSMENTS)

Program Participation Standards

JEA offers a business energy assessment for all commercial customers located in the JEA service territory.

This service is offered at no charge to our customers and is available for all commercial rate classifications.

As a part of this service a JEA representative will perform a rate evaluation, discuss demand strategies if relevant, and inspect the customers' business and then offer cost-effective ideas designed to help lower energy costs.

Areas of the customers' business that are inspected include: insulation, windows, tinting, and caulking, weather stripping, water heating systems and water temperature, HVAC visual inspections, equipment and their controls, and refrigeration.

JEA representatives also use a wide variety of tools and literature for customer education during the inspection. No cost measures such as air conditioning & heating thermostat temperature settings, water heater settings, refrigeration temperature settings, management of plug (vampire) loads, management of computer, monitor & printer loads, management of lighting systems and cleaning surfaces of heat exchangers are encouraged.

In addition to the energy assessment, we also offer free water/waste water and irrigation assessment.

The services listed above are available to JEA customers by contacting the JEA business office by phone or email. Online business energy assessment services are also available online at <http://www.jea.com>

F. COMMERCIAL NET METERING PROGRAM

Program Participation Standards

JEA allows customer-owned renewable generation up to 2 MW under its Net Metering Policy. Proposed installations which are greater than 2 MW in capacity will be outside of this policy and would need a specific Purchased Power Agreement with JEA which will be based on avoided cost principles. The JEA net metering policy is primarily intended to facilitate generation from renewable energy sources to offset part or all of the customer's energy requirements.

Net metering customers will be charged for the metered kWh received from JEA during each month and credited for the metered kWh sent to JEA each month in accordance with Net Metering Policy Rates:

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Tier 3 – over 100 kW up to 2 MW	SS-1 Retail Rate	Fuel Rate

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2. Falls into one of the following ranges:
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The customer will retain any Renewable Energy Certificates (REC) associated with a customer's renewable generation. The customer will be required to install the system in accordance with JEA Rules and Regulations section 2.16 and Engineering & Construction Services Procedure ECS20202 902, as appropriate. The system must pass a JEA inspection prior to connection and operation. JEA will furnish, install, own and maintain metering equipment at the installation point capable of monitoring the flow of power from JEA to the customer and from the customer to JEA.