

## DSM Program Description

### Residential Program Portfolio

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- Residential HVAC
- Residential Ceiling Insulation
- Residential Low Income
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- Commercial/Industrial Load Control (CILC)
- Conservation Research and Development (CRD)

**Residential Program Portfolio**

## Residential Energy Survey

### Description:

This program educates customers on energy efficiency and encourages them to participate in applicable FPL DSM programs and/or implement other recommended actions not included as part of FPL's Residential programs.

The program also offers customer education on energy conservation through presentations specifically designed for and shared at local schools.

### Measures:

Home Energy Survey (HES) – performed by an FPL representative at the customer's home.  
Online Home Energy Survey (OHES) – performed by the customer using FPL's online system.

Phone Energy Survey (PES) – performed by an FPL representative using FPL's online system.

Education presentations

### Eligibility:

All FPL residential customers

### Participant Financial Incentives:

N/A, Free to the participant

## **Residential HVAC**

### **Description:**

This program encourages customers to install high-efficiency Straight Cool and Heat Pump central air conditioning systems.

### **Measures:**

New central straight cool air conditioning or new central heat pump that is at least one SEER level higher than the minimum appliance efficiency standard that is in effect.

### **Eligibility:**

Existing FPL residential customers with central air conditioning equipment.

### **Participant Financial Incentives:**

Provided as a credit toward the installation cost on a customer's invoice from a Participating Independent Contractor (PIC). The maximum incentive value is \$300 per installation.

## **Residential Ceiling Insulation**

### Description:

This program provides incentives to encourage existing FPL residential customers to improve the building envelope's thermal efficiency. The program provides residential customers with incentives to upgrade ceiling insulation levels in existing homes. The insulation must be installed uniformly on the ceiling as a direct application to insulate the full attic to a minimum R-value of R-30 for climate zone 1 (Miami-Dade, Broward and Monroe counties) or R-38 for climate zone 2 (rest of FPL territory).

### Measures:

Ceiling insulation

### Eligibility:

Existing FPL residential customers whose homes have whole house central electric air conditioning/heating and verified below-code insulation with an R-value of less than R-8.

### Participant Financial Incentives:

Provided as a credit toward the installation cost on a customer's invoice from a Participating Independent Contractor (PIC). The maximum incentive value is \$250 per participant.

## Low Income Weatherization

### Description:

This program is specifically designed to assist low-income customers. Delivery is provided through two channels: FPL and governmental assigned agencies. For FPL, FPL representatives will conduct an Energy Survey for each customer and install, as appropriate, measures which address their main areas of energy use. The second installation channel is through Weatherization Assistance Provider (WAP) agencies and other state assist agencies where FPL will provide rebates on certain energy measures as part of the total assistance they provide to their customers.

### Eligibility:

Existing FPL residential customers who meet certain low-income criteria.

- FPL Power to Save/Community Energy Saver – conducted in areas where the majority of customers' incomes are below 200% of the federal poverty level and all FPL customers in these areas may participate.
- WAP-delivered – customers who are eligible for financial assistance from federally-funded programs as verified by federal grantees or their designees.

### Measures:

Weather Stripping  
Window Caulking  
Duct Repair  
Kitchen Faucet Aerators  
Bathroom Faucet Aerators  
Low Flow Showerhead  
Hot Water Pipe Insulation  
LED Lights  
Outdoor Coil Cleaning  
Ceiling Insulation add R-10

Participant Financial Incentives:

Participants will receive the measures for free whether provided by FPL or a WAP agency.

Incentives will be paid to the WAP agency or its designee for measures which they install based on the following schedule:

- Weatherization/Infiltration – \$90
  
- Air Conditioning:
  - Duct testing & repair – \$60
  - Outdoor coil cleaning – \$60
  
- Water Heating:
  - Low flow showerhead – \$30
  - Kitchen and Bathroom Faucet aerator – \$10
  - Hot water pipe wrap – \$40
  
- LED light bulbs – \$6 (up to 5 per home)
  
- Ceiling Insulation add R10 (Single family home only) – up to a maximum of \$1,500

## **Low-Income Renter Pilot**

### Description:

FPL's Low-Income Renter Pilot is designed to make HVAC energy efficiency upgrades cost-effective for multifamily properties. Multi-family properties can receive rebates to pay the incremental cost to upgrade from a code compliant unit to a high efficiency HVAC system. The higher efficiency system will allow renters to receive the energy-saving benefits of more efficient HVAC equipment.

### Measures:

New central Straight Cool air conditioning minimum SEER 16 or SEER2 15.2

New central Heat Pump air conditioning minimum SEER 16 or SEER2 15.2

### Eligibility:

Rental properties with electricity bills paid for by individual tenants. Properties must be in FPL's service territory and have at least 5 units and homes must have central air conditioning. The properties must be pre-approved by FPL to be eligible for the program rebates. Properties must be able to qualify that at least 50% of the tenants are 200% of poverty level, or FPL can choose to qualify the property is located in a zip code where at least 50% of population meets the 200% federal poverty level threshold.

### Pilot Participation Limitation

FPL will close current-year participation at 500 installations per year over a three-year period.

### Participant Financial Incentives:

Property owners or designee will receive a rebate, equal to the incremental cost of a more efficient HVAC unit, up to a maximum of \$1,000 per installed qualifying air conditioner. This rebate cannot be combined with the Residential HVAC program rebate.



## **Residential New Construction (BuildSmart®)**

### Description:

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move toward ENERGY STAR® qualifications.

### Measures:

Residential single family detached houses with electric cooling supplied by a central cooling unit and have a ducted air distribution system that perform higher than applicable code requirements.

### Eligibility:

All builders, developers and owner-builders of a new home in FPL's service territory. Homes must be single-family detached or single-family attached where each housing unit is separated from its neighbors by a ground-to-roof wall with no housing units above or below. The energy code compliance score for the home must be at least 10% better than that required by the Florida Building Code as specified in FPL's Program Standards.

### Participant Financial Incentives:

Builders may receive a maximum promotional payment of \$75 for BuildSmart® and Energy Star® homes. In addition, builders will receive a maximum of \$150 reimbursement for each HERS rating necessary to certify the home.

## **Residential Load Management (On Call®)**

### Description:

This program allows FPL to turn off customers' appliances consistent with the applicable tariff during capacity constraints, system emergencies or for system frequency regulation. FPL-installed equipment is connected to eligible customer-selected end-use equipment (i.e., central air conditioning, central electric heating, electric water heaters, and pool pumps), allowing FPL to control these loads.

### Measures:

- Central air conditioning
- Central electric heating
- Standard tank electric water heaters
- Pool pumps
- HVAC On-Bill Option

### Eligibility:

Customers receiving service under Rate Schedule RS-1 and RS-1EV and who utilize a central electric air conditioner. Participants' premise must be occupied for at least 9 months of the year.

All homes must include central air conditioners. If the participant's system also has a central heater, this must be included. This program is not available to commonly owned facilities of condominium, cooperative or homeowners' associations.

Participants in the HVAC on-bill option are subject to the terms of the HVAC Services Rider and HVAC Services Agreement.

### Participant Financial Incentives:

Monthly credit on the electric bill as specified in Tariff Sheet No. 8.217.

**Business Program Portfolio**

## **Business Energy Evaluation**

### Description:

This program is to educate customers on energy efficiency and encourage them to participate in applicable FPL Demand Side Management (DSM) programs and/or implement other recommended actions not included as part of FPL's Business Programs.

### Measures:

Online Surveys  
Field Surveys  
Phone Surveys

### Eligibility:

All FPL business customers with an active account.

### Participant Financial Incentives:

N/A Free to participants

## Business HVAC

### Description:

Encourage business customers to install electric high-efficient Business Heating, Ventilation, and Air Conditioning (“HVAC”) systems.

### Measures:

Chillers  
Direct Expansion (DX)  
Variable Frequency Drives (VFD) on HVAC Pumps

### General Eligibility Requirements:

Must have an active FPL business account. New construction or retrofit installations qualify. Part of a primary facility HVAC system. Units must be new, not refurbished equipment.

### Eligibility Requirements and Participant Financial Incentives:

#### Chiller

- Equipment must exceed Florida Building Code requirements as specified by FPL.
- Air-cooled or Water-cooled.
- Rebate amount to a maximum of \$145 per Summer kW Reduction.

#### DX

- Equipment must exceed Florida Building Code requirements as specified by FPL.
- Rebate amount to a maximum of
  - \$220 per unit for units up to 10 tons
  - \$300 per unit for > 10 tons and ≤ 20 tons
  - For units > 20 tons, calculated incentive based on \$820 per Summer kW Reduction

#### VFD on HVAC Pumps

- Equipment must exceed Florida Building Code requirements as specified by FPL.
- Rebate amount to a maximum of \$1,600 per Summer kW Reduction

## **Business Lighting**

### Description:

This program encourages customers to install high-efficiency LED lighting fixtures in businesses.

### Measures:

New complete LED fixtures that are Design Lights Consortium (DLC) or ENERGY STAR® listed

### Eligibility:

All existing FPL business customers with an active account

Internal lighting application including parking garages

### Participant Financial Incentives:

- Rebate amount to a maximum of \$150 per Summer kW Reduction

## **Business Custom Incentives**

### Description:

This program encourages customers to install unique high-efficiency technologies not covered by other FPL Demand Side Management (DSM) programs. The primary types of customized technologies include process controls, efficient machinery, and other measures unique to industrial processes or business applications.

### Measures:

Custom measures not included in any other Business DSM program.

### Eligibility:

All FPL business customers.

Projects must demonstrate at least the minimum Summer kW reductions specified in the Program Standards.

Projects that represent operational or maintenance improvements that are not permanent, fuel switching, power generation technology, or wheeling of any type are not eligible.

### Participant Financial Incentives:

Project-specific amount calculated by FPL based on passing both the RIM and Participant tests, including having a payback not less than two years of the participant's incremental cost.

## **Business On Call**

### Description:

This program allows FPL to turn off business customers' air conditioner consistent with the applicable tariff during capacity constraints, system emergencies or for system frequency regulation. FPL-installed equipment is connected to eligible customer-selected end-use equipment, allowing FPL to control these loads.

### Measures:

FPL-installed equipment is connected to the customer's DX central electric air conditioning unit allowing FPL to control this load.

### Eligibility:

Business customers rate schedule GS-1 and GSD-1.

A/C must normally operate between 3pm – 6pm at least 4 days per week. If there are several units, all will be cycled except those units dedicated to temperature sensitive equipment.

### Participant Financial Incentives:

Monthly credit on the electric bill as specified in Tariff Sheet No. 8.109. The credit amount is dependent on the tonnage of the customer-selected air conditioning connected to FPL's load management equipment.



## **Commercial Demand Response (CDR)**

### Description:

This program allows FPL to shed large Commercial/Industrial customer load as referenced in the CDR agreement. The customer agrees not to exceed an agreed amount (firm demand) during the periods when FPL is controlling the customer's electrical load.

### Measures:

FPL load control equipment installed on-site, which is connected to the customers load control circuit.

### Eligibility:

Customer must have had a Utility Controlled Demand during the summer Controllable Rating Period (April 1 through October 31) for at least three out of seven months of at least 200 kW greater than the Firm Demand.

### Participant Financial Incentives:

Monthly credit on the electric bill calculated as specified in the CDR Rider (Tariff Sheet Nos., 8.680 – 8.685). FPL controllable rating periods: Summer (April 1<sup>st</sup> – October 31<sup>st</sup> 3 - 6 PM) and Winter (November 1<sup>st</sup> – March 31<sup>st</sup>).

## **Commercial Industrial Load Control (CILC)**

### Description:

This is a closed program. The program allows FPL to shed large Commercial/Industrial customer load as referenced in the CILC agreement.

### Measures:

Customer load connected to FPL load control equipment installed on-site. Load control equipment is installed at the customer's facility to allow FPL to control customer-established loads of 200 kW or greater.

### Eligibility:

This program was closed to new participants as of December 31, 2000. It remains available only to existing CILC customers who entered into a CILC agreement as of March 19, 1996 and continue to meet the requirements of the CILC Tariff. Applicable Tariff Sheets: 8.650 – 8.659. Customers shall be responsible for providing appropriate contact information to FPL for communication of load management event alerts and program notifications.

### Participant Financial Incentives:

See CILC Tariff Sheets: 8.650 – 8.659.

## **Conservation Research and Development**

Description:

CRD is an umbrella program under which FPL researches a wide variety of new technologies and market strategies to evaluate their potential for reductions in peak demand and energy consumption as well as customer bill savings. Favorable research results of these new technologies can lead to incorporation into FPL's DSM programs.