Schedule C-5

FPL DSM Program & Pilot Descriptions

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

1. **Residential Home Energy Survey (HES)**
   This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

2. **Residential Ceiling Insulation**
   This program encourages customers to improve the home's thermal efficiency.

3. **Residential Load Management (On-Call)**
   This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages, system emergencies, or system frequency regulation.

4. **Residential Air Conditioning**
   This program encourages customers to install high-efficiency central air conditioning systems.

5. **Residential New Construction (BuildSmart®)**
   This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

6. **Residential Low Income**
   This program assists low income customers through FPL-conducted Energy Retrofits and state Weatherization Assistance Provider (WAP) agencies.

7. **Business On Call**
   This program allows FPL to turn off customers' direct expansion central air conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

8. **Cogeneration and Small Power Production**
   This program facilitates the interconnection and administration of contracts for co-generators and small power producers.

9. Business Lighting

This program encourages customers to install high-efficiency lighting systems.

10. Commercial/Industrial Load Control (CILC)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

11. Commercial/Industrial Demand Reduction (CDR)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.

FPL DSM Program & Pilot Descriptions (cont'd)

12. Business Energy Evaluation (BEE)

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

13. Business Heating, Ventilating & AC (HVAC)

This program encourages customers to install high-efficiency HVAC systems.

14. Business Custom Incentive (BCI)

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

15. Conservation Research & Development (CRD) Project

This project consists of research studies designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate and cost-effective, incorporate an emerging technology into a DSM program.

16. Common Expenses

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

Schedule C-5

Florida Power & Light Company
Program Progress - 2021 Actual/Estimated

Pgm. No.	Program Title	2021 Actual/Estimated		Progress Summary (Inception through June 2021)	
1	**Residential Energy Survey**	Surveys =	22,696	Surveys =	4,224,696
		Cost =	$12,971,158		
2	**Residential Ceiling Insulation**	Participants =	1,971	Participants =	584,673
		Cost =	$532,252		
3	**Residential Load Management (On Call)**	Participants =	5,806	Participants =	689,173
		Cost =	$38,678,297		
4	**Residential Air Conditioning**	Participants =	19,059	Participants =	1,999,758
		Cost =	$3,373,239		
5	**Residential New Construction (BuildSmart®)**	Participants =	3,882	Participants =	56,814
		Cost =	$557,192		
6	**Residential Low-Income**	Participants =	7,463	Participants =	25,732
		Cost =	$611,330		
7	**Business On Call**	kW =	246	MW under contract =	72
		Cost =	$3,042,831		
8	**Cogeneration & Small Power Production**	MW =	114	MW & GWh represent contracted purchase power	
		GWh =	1,173	Firm Producers = 3	
		Cost =	$124,926	As Available Producers = 12	
9	**Business Lighting**	kW =	2,139	kW =	315,962
		Cost =	$300,953		
10	**Commercial/Industrial Load Control (CILC)**	Closed to new participants		MW under contract =	459
		Cost =	$43,794,434		
11	**Commercial/Industrial Demand Reduction**	kW =	21,316	MW under contract =	342
		Cost =	$29,404,497		
12	**Business Energy Evaluation**	Evaluations =	2,499	Evaluations =	259,127
		Cost =	$7,252,636		
13	**Business Heating, Ventilating and Air Conditioning**	kW =	10,823	kW =	439,793
		Cost =	$6,158,250		
14	**Business Custom Incentive**	kW =	0	kW =	54,866
		Cost =	$1,122		
15	**Conservation Research & Development**	Cost =	$166,900	See Schedule C-5, page 17	
16	**Common Expenses**	Cost =	$6,322,166	Not Applicable	

(1) Recovery of Depreciation and Return
kW and MW reduction are at the generator

Schedule C-5

Conservation Research & Development (CRD) Program

CRD is an umbrella program under which FPL researches a wide variety of new technologies to evaluate their potential for reductions in peak demand and energy consumption as well as customer bill savings. Florida's climatic conditions are unique so the studies must reflect the effects of the hot and humid environment. Favorable research results can lead to incorporation into FPL's DSM programs. Examples of technologies that have been included are: Energy Recovery Ventilators; Demand Control Ventilation; and Residential Air Conditioning Duct Plenum Seal.

FPL participates in relevant co-funded projects such as Electric Power Research Institute ("EPRI"). This co-funding enables FPL to gain the learnings from larger research projects at a fraction of the total cost. In 2021, FPL continued its access to gather learnings from EPRI's on-going readiness assessment of multiple technologies in various stages of development which enables comparisons among these technologies. FPL also began evaluation of smart electrical load centers, circuit breakers and relays.

In 2022, FPL plans to test the operating performance of smart panels in a residential application. Smart panels are connected on the load side of the customer's main electrical panel and function to allow monitoring and control of electrical circuits inside the home. Customers can view and control electric loads in a real-time basis via a Wi-Fi device and/or computer application. FPL will also have access to the panel for load control of large appliances like central air conditioning, electric central space heating, electric water heating and pool pumps, as available. FPL's research objectives are to test customer acceptance of the technology, gain knowledge from how customers schedule and control loads, and test customer response to several summer and winter direct load control events.