

Schedule C-5

Gulf Power DSM Program & Pilot Descriptions

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

1. Residential Home Energy Survey (HES)

This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

2. Community Energy Saver

This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also features a Residential Energy Survey that will help to educate families on energy efficiency techniques and behavioral changes to help these customers control their energy use and reduce their electricity expenses.

3. Energy Select

This program is designed to provide customers with a means of controlling their energy purchases by programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season.

4. Residential HVAC

This program enables customers to increase energy efficiency and improve HVAC cooling and heating system performance for both new and existing single-family homes by offering an incentive for the installation of a high-efficiency electric heat pump.

5. Residential Ceiling Insulation

This program encourages customers to improve their homes' thermal efficiency by providing customers an incentive to install a minimum of R-19 insulation in their existing home.

6. Residential High Efficiency Pool Pump

This program encourages customers to install a high-efficiency pool pump by providing an incentive in both new and existing residential applications.

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7. Business Energy Survey

This program educates customers on energy efficiency and encourages them to participate in applicable DSM programs and/or implement other recommended actions not included as part of Gulf's Business programs. This program is a prime tool for Gulf's C/I Customer Advisors to introduce customers personally to conservation measures including low or no-cost improvements or new electro-technologies to replace old or inefficient equipment.

8. Business Custom Incentive

This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

9. Business HVAC

This program encourages customers to install high-efficiency HVAC systems including chillers; split/package direct expansion (DX); demand control ventilation (DCV); and energy recovery ventilation (ERV) by offering incentives which will vary according to the size of the systems or ventilation installed.

10. Conservation Demonstration and Development

A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

11. Curtailable Load

The Curtailable Load (CL) program provides qualifying customers capacity payments for electric load which can be curtailed during certain conditions as described in Rate Rider CL. The CL rider is available to customers taking service under rate schedules LP, LPT, PX, or PXT and who also execute a Curtailable Load Service agreement (CL Service Agreement). Qualifying customers must commit a minimum of 4,000 KW of non-firm load.

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**Gulf Power Company
Program Progress - 2021 Actual/Estimated**

Pgm. No.	Program Title	2021 Actual/Estimated	Progress Summary (Inception through June 2021)
1	Residential Energy Survey	Surveys = 12,000 Cost = \$893,078	Surveys = 289,533
2	Residential Low Income - Community Energy Saver	Participants = 3,750 Cost = \$1,191,640	Participants = 26,421
3	Residential HVAC	Participants = 500 Cost = \$363,468	Participants = 136
4	Residential Ceiling Insulation	Participants = 250 Cost = \$247,578	Participants = 6
5	Residential High Efficiency Pool Pump	Participants = 400 Cost = \$223,954	Participants = 25
6	Energy Select	Participants = 800 Cost = \$4,586,648	Participants = 20,065
7	Business Energy Survey (BES)	Evaluations = 300 Cost = \$363,828	Evaluations = 23,503
8	Business HVAC	kW = 440 Cost = \$451,294	kW = 35
9	Business Custom Incentive	kW = 0 Cost = \$66,150	kW = 1,151
10	Conservation Demonstration & Development	Cost = \$0	See Schedule C-5, Page 12
11	Curtable Load	kW = 0 Cost = \$672,318	kW = 9,912

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Conservation Demonstration and Development (CDD) Program

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In 2022, Gulf plans to partner with FPL in the evaluation 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.