

Marguerite McLean

100154-EG

From: Webb, Linda C. [LCWEBB@southernco.com]
Sent: Friday, April 01, 2011 2:42 PM
To: Filings@psc.state.fl.us
Subject: Docket No. 100154-EG, Gulf Power Company's Demand-Side Management Plan
Attachments: Gulf Power's 2010 DSM program standards 4-1-11.pdf

- A. s/Susan D. Ritenour
Gulf Power Company
One Energy Place
Pensacola FL 32520
850.444.6231
sdriteno@southernco.com
- B. Docket No. 100154-EG
- C. Gulf Power Company
- D. Document consists of 58 pages.
- E. The attached document is Gulf Power Company's Demand-Side Management Plan.

Linda Webb
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DOCUMENT NUMBER-DATE

02152 APR-1 =

FPSC-COMMISSION CLERK

4/1/2011

Susan D. Ritenour
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April 1, 2011

Ms. Ann Cole
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0850

Dear Ms. Cole:

RE: Docket 100154-EG
Gulf Power Company's Demand-Side Management Plan

Pursuant to Order No. PSC-11-0114-PAA-EG, enclosed for electronic filing and administrative approval in the above referenced docket are Gulf Power Company's program standards for programs contained in its approved DSM Plan. Gulf is making every effort to maximize the availability of the new programs to its customers and intends to make these programs available to customers as soon as practical after approval of the enclosed program standards.

Sincerely,

Susan D. Ritenour

lw

Attachment

cc w/attach: Beggs & Lane
Jeffrey Stone

DOCUMENT NUMBER-DATE
02152 APR-1 =
FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: **Petition for Approval of
Demand-side Management Plan
Of Gulf Power Company**)
)
)

Docket No. 100154-EG
April 1, 2011

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail and hard copy this 1st day of April, 2011, on the following:

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Residential Energy Audit and Education Program

1. Energy Audit

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. Energy Audits are available in accordance with requirements of Rule 25-17.003, F.A.C.
3. Customers may choose from the following versions of the energy audit at no cost:
 - a. Walk through
 - b. Mail-in or phone assisted
 - c. Computer assisted walk through
 - d. Online at www.gulfpower.com
 - e. New home pre-construction
4. Regardless of the audit selected, each participating customer will be presented with building envelope, HVAC equipment, and weatherization recommendations to increase energy efficiency.
5. Building Energy Rating System (BERS) audit will be offered in accordance with Rate Schedule BERS and applicable fees.
6. Each participant in the new home pre-construction audit also will be provided whole-house heat gain and heat loss calculations in accordance with industry approved procedures.
7. When applicable, participation in the Energy Audit program qualifies customers for other DSM programs.

8. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential Energy Audit and Education Program

2. Home Energy Reporting

Participation Standards

1. Participation will be based on a random selection of targeted residential customers throughout Gulf Power's service area.
2. Participating customers must have at least 12 months of continuous billing history at the same address.
3. Participating customers will receive, via U.S. mail, a usage report containing analysis of usage based on actual billing history, weather, and available home information; comparison to 100 "neighbors" of similar demographics; and targeted recommendations for energy savings. *These reports will be provided bi-monthly on average.*
4. There is no cost for participating customers.
5. Customers may opt-out of the program at any time by contacting Gulf Power and requesting that they be removed from the list of customers receiving Home Energy Reports.
6. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential Energy Audit and Education Program

3. Energy Education

Participation Standards

1. Participation is available to any customer within Gulf Power's service area and is targeted to schools, community/civic/government groups, and trade/professional shows.
2. Presentations, demonstrations and workshops will build awareness of the benefits of energy efficiency and conservation as well as the role of renewable energy sources.
3. Gulf Power will provide workshops on a range of topics including energy conservation, renewable energy, efficient lighting, and efficient building design and construction. Targeted participants include facilities managers, architects, and building contractors.
4. Gulf Power will provide participating schools with free science-based training for teachers, educational materials for students and presentations.
5. Gulf Power will offer high school students an online energy stewardship course which includes having the students perform basic energy audits on homes.
6. *The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.*

Community Energy Saver Program

Participation Standards

1. Participation is available to residential customers meeting program qualification standards in Gulf Power's service area.
2. Participating customers will be provided the following measures, including installation, at no cost:
 - a. Energy assessment targeting low cost/no cost actions
 - b. Up to 15 compact fluorescent bulbs
 - c. Hot water pipe wrap
 - d. Water heater temperature check and adjustment
 - e. Outlet and switch cover foam gaskets
 - f. Up to 3 low-flow faucet aerators
 - g. Up to 2 low-flow shower heads
 - h. Refrigerator coil brush and initial coil cleaning
 - i. Education regarding energy efficiency
3. Eligible customers must reside in defined geographical areas that have at least 50% of households with incomes equal to or less than 200% of the poverty level set by the U.S. Department of Energy for low-income programs.
4. Gulf Power and its contractor will coordinate with local low-income agencies to identify eligible neighborhoods and to develop a schedule of neighborhood installations in order to spread participation in the program as equally as possible across the entire service area.

5. Participants shall be limited to the one-time receipt and installation of energy efficiency measures available through this program at a specific location.
6. Gulf Power will utilize a third party contractor to provide all services associated with this program.
7. Gulf Power will perform surveys of at least 10% of program participants for verification and validation of services provided.
8. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Landlord / Renter Custom Incentive Program

Participation Standards

1. Participation is available to building owners and public or private sector property managers with multi-occupancy buildings that have a minimum of fifty total units in Gulf Power's service area.
2. Participating customers will be required to participate in a free energy audit in order to assess potential energy efficiency upgrades and verify program qualification.
3. Participants will be provided a customized proposal for energy efficiency improvements, including combinations of other program offerings, as applicable.
4. Any customized project incentives will be provided after the following conditions are met:
 - a. Successful installation, and verification of project
 - b. Total contributions will not bring the project payback to less than two years
5. Gulf, or its designee, will perform full field verification on 100% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
6. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
7. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

HVAC Efficiency Improvement Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. The Participating Contractor will subtract the incentive paid by Gulf Power from the customer's invoice for services provided as specified below:

HVAC Maintenance:

- a. \$75 for repair, minimum refrigerant charge adjustment up to 1 lb., non-ductwork airflow adjustment, and filter clean/replace
- b. \$40 for indoor coil clean
- c. \$25 for outdoor coil clean
- d. \$75 for strip cut-out install
- e. \$25 for strip cut-out reset

HVAC Early Retirement – Retirement of a working system that, after tune-up, performs no better than 8 EER:

- a. \$600 for minimum 14 SEER heat pump or A/C with 90% AFUE gas furnace
- b. \$1,000 for minimum 16 SEER heat pump or A/C with 90% AFUE gas furnace
- c. \$500/ton for minimum 14 EER geothermal closed-loop system
- d. \$300/ton for minimum 14 EER geothermal equipment if installed to an existing closed-loop system

HVAC Upgrade – New installations and replacements of systems not qualifying for Early Retirement incentives:

- a. \$100 for minimum 14 SEER heat pump or A/C with 90% AFUE gas furnace

- b. \$300 for minimum 16 SEER heat pump or A/C with 90% AFUE gas furnace
- c. \$500/ton for minimum 14 EER geothermal closed-loop system
- d. \$300/ton for minimum 14 EER geothermal equipment if installed to an existing closed-loop system

Duct Repair:

- a. \$200 for Level 1 qualifying duct seal (reduction of 14% or more of airflow)
- b. \$300 for Level 2 qualifying duct seal (reduction of more than 50% of leakage on systems with more than 49% duct leakage)
- c. \$150 for new ducts qualifying seal (leakage brought to a level of less than or equal to 10% of total system flow)

ECM Fan:

- a. \$150 for installation of a Concept 3 Brushless Permanent Magnet (BPM) fan motor designed for retrofit in an existing air handler
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
 4. All services must be provided by a Certified Technician of a Participating Contractor and must be completed during the effective dates of the program. The Program Administrator is responsible for the certification of all Participating Contractors and technicians.
 5. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
 6. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty,

or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.

7. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Heat Pump Water Heater Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. An incentive of \$700 will be provided for "Integrated" units (manufactured combination of heat pump and storage tank).
3. An incentive of \$350 will be provided for "add on" heat pumps to existing storage tanks.
4. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
5. Eligible equipment includes both "air source" and "water source" heat pump water heaters with an energy factor (EF) greater than or equal to 2.0.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.

9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential Ceiling Insulation Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. A one-time incentive of \$0.15 per square foot of qualifying insulation products that are installed over conditioned space will be allowed per residence.
3. Qualifying insulation products must be new, and must be purchased and installed during the effective dates of the program.
4. Customers must increase their existing insulation level by at least R-19. Homes with existing insulation levels of R-30 or greater are not eligible for this incentive.
5. Qualifying insulation products include cellulose, fiberglass, mineral (rock or slag) wool, or natural fibers. In addition, spray foam insulation applied to the under side of the roof deck is also eligible. If spray foam is utilized to seal and semi-condition an existing attic, any and all insulation already present in that attic must be completely removed to qualify for this incentive.
6. Customers constructing new homes are not eligible for this incentive.
7. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the products)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products

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- e. Installation must pass Gulf Power's verification process
8. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
 9. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
 10. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential High Performance Window Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. An incentive of \$1.00 per square foot of qualifying windows or window film products will be allowed per residence, per calendar year.
3. Qualifying products must be new, and must be purchased and installed during the effective dates of the program.
4. Qualifying products must be installed on exterior walls and adjacent to conditioned space.
5. Products must meet the most current ENERGY STAR[®] guidelines for the Southern Climate Zone; or they must be certified by the National Fenestration Rating Council (NFRC) to possess a solar heat gain coefficient (SHGC) and U-factor that is less than or equal to 0.4. Proof of SHGC and U-factor compliance should include independent third-party documentation such as NFRC labels or manufacturers' technical specifications.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the products)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process

7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential Reflective Roof Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. A one-time incentive of \$0.25 per square foot of qualifying roofing products up to a maximum of \$400 per residence.
3. Qualifying roofing products must be new, purchased and installed during the effective dates of the program and installed over conditioned space.
4. Qualifying roofing products must constitute the uppermost surface of the building structure only.
5. Qualifying roofing products must meet the most current ENERGY STAR® guidelines and have an initial solar reflectance as defined below.
 - a. Greater than or equal to 0.65 for low-slope roofs – defined in accordance with ASTM Standard E 1918-97 as roof surfaces with a slope of 2:12 inches, or less.
 - b. Greater than or equal to 0.25 for steep-slope roofs – defined as roof surfaces with a slope greater than 2:12 inches.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the products)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products

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- e. Installation must pass Gulf Power's verification process
 - 7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
 - 8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
 - 9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Residential Variable Speed Pool Pump Program

Participation Standards

1. Participation will be available to all residential customers in Gulf Power's service area.
2. An incentive of \$600 for installation of qualifying equipment will be paid by Gulf Power.
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. All pool pumps and motors must meet Title 20, CA Code Regs, §§ 1601-1608 requirements for variable speed pumping.
5. Two-speed pumps, pond, spa, pool cleaner/booster, and water feature pumps do not qualify.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Energy Select[®] Program

Participation Standards

1. Participation will be available to all residential customers in Gulf Power's service area.
2. Participation is contingent on the availability of an applicable rate schedule.
3. Participating customers must meet the following eligibility criteria:
 - a. Hard-wired, touch-tone phone service
 - b. Service entrance panel or house power panel rated at 200 amps or less
 - c. Central heating and air conditioning that is compatible with Company installed energy management equipment and in good working order
 - d. Electric water heaters, pool pumps, or other devices controlled by equipment provided through the program must be no larger than 30 amps and 240 volts each and compatible with Company installed energy management equipment and in good working order
 - e. Electric wiring must be conducive to power line carrier messaging
 - f. Residence must be located in an area capable of meeting a paging strength standard
 - g. Existing meter configuration must be capable of incorporating the energy management equipment
4. Failure to maintain eligibility requirements can result in involuntary program removal by Gulf Power Company.
5. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Energy Select[®] Lite Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. Participation is contingent on the availability of an applicable rate schedule.
3. Participating customers must meet the following eligibility criteria:
 - a. Broadband Internet connectivity (i.e., DSL, digital cable, etc.)
 - b. Central heating and air conditioning that is compatible with Company installed energy management equipment and in good working order
 - c. Residence must be located in an area covered by Gulf Power's automated meter reading system
4. Failure to maintain eligibility requirements can result in involuntary program removal by Gulf Power Company.
5. Reporting requirements for this program will be in accordance with Rule 25-17.0021 (5) F.A.C.

Self-Install Energy Efficiency Program

1. Energy Efficient Appliances

Participation Standards:

1. Participation is available to all residential customers in Gulf Power's service area.
2. Incentives amounts for qualifying ENERGY STAR® appliance will be paid to customer as follows:
 - a. Refrigerator \$50
 - b. Freezer \$25
 - c. Window AC unit \$75
 - d. Clothes washer \$75
3. Qualifying products must be new, operational, and must be purchased and installed during the effective dates of the program.
4. Eligibility for participation will be verified by Gulf Power or its designee.
5. Products must meet the most current ENERGY STAR® guidelines in order to qualify for incentives.
6. Participant is eligible for one rebate per type of appliance per calendar year.
7. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the products)
 - c. Sales receipt documentation including date of purchase

- d. Application must be made within 60 days of the purchase of qualifying products
 - e. Installation must pass Gulf Power's verification process
8. Gulf Power will perform surveys of at least 10% of program participants for verification and validation of services provided.
 9. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
 10. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Self-Install Energy Efficiency Program

2. Energy Efficient Lighting

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. Gulf Power may utilize the following incentives for purchase of qualified ENERGY STAR[®] lighting products:
 - a. Reduced price at local retailers through retail buy-down
 - b. Coupons for reduced price purchase of qualifying lighting products
 - c. Provision of CFL bulbs at no cost during periodic promotions associated with online use of Energy Check Up / Audit tool
 - d. Provision of CFL bulbs at no cost during periodic energy efficiency product demonstrations, home shows, etc.
3. Availability of incentives for energy efficient lighting products will be limited to Gulf Power customers to the extent reasonably verifiable at the time of purchase.
4. All energy efficient lighting products distributed are intended for use by the customer and not for resale.
5. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Refrigerator Recycling Program

Participation Standards

1. Participation is available to all residential customers in Gulf Power's service area.
2. An incentive of \$35 plus free pick-up and recycling will be provided to the customer for refrigerator/freezers meeting the following criteria:
 - a. Must not be the primary refrigerator/freezer in the customer's home
 - b. Must be between 10 and 30 cubic feet
 - c. Must be empty, accessible and in working condition at time of pick up
 - d. Must be owned by customer
 - e. Must be recycled during the effective dates of the program
3. Participant is eligible for one refrigerator and one freezer unit per calendar year.
4. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor removals to ensure compliance with program standards. All contractor billing will be verified prior to payment.
5. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial/Industrial Audit Program

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Energy Audits are available in accordance with requirements of Rule 25-17.003, F.A.C.
3. Customers may choose from the following versions of the energy audit at no cost:
 - a. Walk through
 - b. Computer assisted walk through
 - c. Online at www.gulfpower.com
4. A Technical Assistance Audit (TAA) is available to assist a customer with more complex energy solutions.
5. When applicable, participation in the Energy Audit program qualifies customers for other DSM programs.
6. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

HVAC Retrocommissioning Program

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. The Participating Contractor will subtract the incentive paid by Gulf Power from the customer's invoice for services provided as specified below:
 - a. \$75 for repair, minimum refrigerant charge adjustment up to 1 lb., non-ductwork airflow adjustment, and filter clean/replace per system/circuit (multiple evaporator coils connected to a single condensing unit)
 - b. \$40 for indoor coil clean, ≤ 5 ton
 - c. \$25 for outdoor coil clean, ≤ 5 ton
 - d. \$75 for strip cut-out install, ≤ 5 ton
 - e. \$25 for strip cut-out reset, ≤ 5 ton
 - f. \$60 for indoor coil clean, > 5 ton
 - g. \$35 for outdoor coil clean, > 5 ton
 - h. \$50 economizer repair
 - i. \$35 thermostat commissioning
 - j. \$150 thermostat replacement
 - k. \$95 retrofit economizer controls
 - l. \$75 lock out install, > 5 ton
 - m. \$25 lock out reset, > 5 ton

3. Eligible equipment must be existing central HVAC cooling and heating systems.
This includes air source or water source complete air conditioning or heat pump system.
4. All services must be provided by a Certified Technician of a Participating Contractor and must be completed during the effective dates of the program. The Program Administrator is responsible for the certification of all Participating Contractors and technicians.
5. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
6. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
7. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

1. HVAC Equipment

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$150 per ton of cooling capacity will be paid according to the following:
 - a. Air source A/C or heat pump with cooling capacity $\leq 65,000$ BTU/h must be minimum 15 SEER
 - b. Systems with cooling capacity $> 65,000$ and $\leq 135,000$ BTU/h must be minimum 12 EER
 - c. Systems with cooling capacity $> 135,000$ BTU/h must be minimum 11 EER
 - d. Packaged terminal A/C or heat pump (PTAC or PTHP)
 - i. $\leq 12,000$ BTU/h must be minimum 12 EER
 - ii. $>12,000$ BTU/h must be minimum 11 EER
3. Incentive of \$500 per ton will be paid for closed loop geothermal heat pump units meeting the minimum efficiency of 14 EER at 86° (ARI/ISO-13256-1 application) entering water temperature and a nominal water flow of 3.0 gallons per minute per ton.
4. Incentive of \$250 per ton will be paid for hybrid geothermal heat pump units meeting the minimum efficiency of 14 EER at 86° (ARI/ISO-13256-1 application) entering water temperature and a nominal water flow of 3.0 gallons per minute per ton.
5. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.

6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

2. Heat Pump Water Heaters

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$125 per 1,000 BTU/h of heating capacity up to a maximum of \$7,500 per unit will be paid according to the following:
 - a. Must have a minimum 3.0 Coefficient of Performance (COP)
 - b. Air source unit ratings must be based on 120 degree (or greater) leaving water temperature, and 80/67 degree dry/wet bulb (or less)
 - c. Water source unit ratings must be based on ARI Std. 320 for water source heat pumps, ARI 325 for ground water source heat pumps, ARI Std. 330 for ground source closed loop heat pumps or ARI Std. 870 for performance rating of direct geexchange heat pumps
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. Qualifying equipment must be installed by licensed contractor.
5. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation

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- d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
6. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
 7. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
 8. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

3. Insulation

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$0.15 per square foot will be paid for installation of qualifying insulation.
3. Qualifying insulation products must be new, and must be purchased and installed during the effective dates of the program.
4. Incentive available only for existing buildings with dedicated HVAC systems.
5. Insulation above suspended ceiling with removable ceiling panels does not qualify.
6. Must add a minimum insulation value of R-11 based on manufacturer's specification card. Resulting total R-values must achieve a minimum R-19 for metal buildings or a minimum R-30 for attic and other construction types.
7. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the product)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process

8. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
9. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
10. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

4. Window Film

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$1.00 per square foot of glass area will be paid for installation of qualifying window film.
3. Qualifying product must be new, and must be purchased and installed during the effective dates of the program.
4. Window film measure can be tinting or film.
5. Solar Heat Gain Coefficient (SHGC) of qualifying tinting or film must be no greater than 0.25.
6. North facing glass does not qualify.
7. Qualifying product must be installed on exterior windows and adjacent to conditioned space.
8. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the product)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products

- e. *Installation must pass Gulf Power's verification process*

- 9. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

- 10. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or product.

- 11. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

5. Reflective Roof

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$0.50 per square foot will be paid for qualifying installations.
3. Qualifying roofing products must be new, and must be purchased and installed during the effective dates of the program.
4. Qualifying roofing product must be installed over air-conditioned building space.
5. Built-up or shingle roofs must have a minimum solar reflectance of 73%; light-colored metal roofs must have a minimum solar reflectance of 65%.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the product)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

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8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or product.
 9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

6. Indoor Lighting

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. All lighting projects associated with potential incentive payments are subject to evaluation and approval by Gulf Power prior to any initial work.
3. Incentive of \$0.15 per Watt reduction for fluorescent lighting meeting the following requirements:
 - a. Ballast designed to operate one specific lamp type and wattage
 - b. Screw-in CFL not eligible
4. Incentive of \$0.30 per Watt reduction for LED lighting meeting the following requirements:
 - a. Minimum of 10 lamps replaced
5. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
6. Retrofit upgrades must be permanent installations. Lamp replacements only do not qualify.
7. Delamping installations require reflector addition and removal of spare ballast and lamp holders.
8. New installations must meet a minimum 10% reduction from one of the following reference codes:

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- a. Ref: **Florida Energy Code 2007** Chapter 13 – *Energy Efficiency*
 - i. **TABLE 13-415.B.1** Lighting Power Densities using the Space-By-Space Method
 - (or)
 - ii. **TABLE 13-415.C.1** Lighting Power Densities using the Building Area Method
 - b. Ref: **ASHRAE STD. 90.1-2007**
 - i. **TABLE 9.5.1** Lighting Power Densities using the Building Area Method
 - (or)
 - ii. **TABLE 9.6.1** Lighting Power Densities using the Space-By-Space Method
9. A minimum of 1 kW in lighting reduction must be achieved; based on net energy (wattage) [existing kW – new kW].
10. Prior to payment of incentive, the following conditions must be met:
- a. Complete incentive application
 - b. Documentation of proof of product qualifications (including manufacturer and the appropriate efficiency specifications of the product)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power’s verification process

11. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
12. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or product.
13. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Building Efficiency Program

7. Lighting Occupancy Sensors

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$20 per sensor will be paid for qualifying installations.
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. Occupancy sensor installations must be permanent.
5. Must be installed in areas where indoor lights would be operating during summer peak times (weekday afternoons between 3 and 6 p.m.).
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.

9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial Occupancy Sensor HVAC Control Program

Program Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentive of \$75 per occupancy sensor will be paid for qualifying equipment.
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. HVAC occupancy sensor must be installed in lodging facilities only.
5. Occupancy sensors installations must be permanent.
6. Sensors must be for individual room control and not controlled from a central location.
7. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
8. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.

9. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.

10. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

High Efficiency Motor Program

Program Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentives for installation of qualifying motors will be provided as follows:
 - a. \$25 per horsepower for motors between 1 and 5 HP
 - b. \$8 per horsepower for motors > 5 up to 50 HP
 - c. \$3 per horsepower for motors > 50 up to 400 HP
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. Minimum standards for qualifying motors:
 - a. Single or three-phase
 - b. Induction type motor
 - c. Must meet National Electrical Manufacturers Association (NEMA) Premium™ nominal efficiency levels (NEMA Standards Publication MG 1-2006, Tables 12-12 and 12-13)
 - d. Open Drip Proof (ODP) or Totally Enclosed Fan-Cooled (TEFC)
 - e. 1200, 1800, or 3600 RPM only
5. Qualifying motors must operate a minimum of 2,000 hours annually.
6. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application

- b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products
 - e. Installation must pass Gulf Power's verification process
7. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
8. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
9. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Food Service Efficiency Program

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Incentives for qualifying food service equipment will be paid as follows:
 - a. Convection oven \$350/unit
 - b. Fryer \$200/unit
 - c. Griddle \$300/unit
 - d. Steamer \$750/unit
 - e. Holding cabinet \$300/unit
 - f. Ice machine \$100/unit
3. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
4. Food service equipment must be electric and ENERGY STAR[®] qualified or equivalent.
5. Prior to payment of incentive, the following conditions must be met:
 - a. Complete incentive application
 - b. Documentation of proof of equipment qualifications (including manufacturer and the appropriate efficiency specifications of the equipment)
 - c. Sales receipt documentation including date of installation
 - d. Application must be made within 60 days of the installation of qualifying products

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- e. Installation must pass Gulf Power's verification process
6. Gulf, or its designee, will randomly perform full field verification on a minimum of 10% of contractor installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
 7. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty, or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.
 8. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Commercial/Industrial Custom Incentive Program

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. An approved Commercial/Industrial Audit must be performed as a prerequisite for evaluation of any incentive.
3. Incentives will be provided in accordance with the following:
 - a. Successful installation, and verification of the energy and demand savings
 - b. Evaluation of project, including incentives, must pass all cost-effectiveness tests as performed in accordance with Florida Public Service Commission Cost-Effectiveness Manual
 - c. Total contribution will not bring participant's project payback to less than two years
4. Qualifying equipment must be new, operational, and must be purchased and installed during the effective dates of the program.
5. The customer will be responsible for all design and construction costs associated with the individual project(s).
6. Gulf, or its designee, will perform full field verification on 100% of installations to ensure compliance with program standards. All applications for program incentives will be verified prior to payment.
7. Neither the payment of an incentive, nor any inspection, observation or verification by the Company shall be deemed to be or construed as a representation, assurance, guaranty,

or warranty by the Company of the safety, durability, suitability, or reliability of the installation or equipment.

8. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Real Time Pricing Program

Participation Standards

1. Participation is available to all commercial and industrial customers in Gulf Power's service area.
2. Participation is in accordance with the current approved Rate Schedule RTP.
3. The reporting requirements for this program will be in accordance with Rule 25-17.0021 (5), F.A.C.

Conservation Demonstration and Development (CDD)

1. Electric Vehicle Charging

Participation Standards

1. Participation is available to any residential customer in Gulf Power's service territory who is eligible for and agrees to remain on the Residential Service Variable Pricing (RSVP) rate as part of the Energy *Select*[®] Program for one year. Customer must agree to either utilize an Energy *Select*[®] Load Control Relay to control the vehicle charging circuit (240v or less) or show proof of an in-vehicle controller capable of charging the vehicle only during RSVP off-peak hours.
2. Vehicles eligible for this pilot must be purchased by an eligible customer during the effective dates of the pilot.
3. Application must be made within 60 of the purchase of qualifying vehicle.
4. Eligible vehicles include highway capable all-Electric, Plug-in Hybrid Electric (PHEV), and Extended Range Electric (EREV) vehicles. Examples of eligible vehicles include the following: Ford's plug-in hybrid Escape, Ford's all-electric Focus, Chevrolet's extended range electric Volt, Nissan's all-electric Leaf, Toyota's plug-in hybrid Prius, and Volkswagen's all-electric Golf. Low-Speed¹ electric vehicles designed for on-road use, also known as Neighborhood Electric Vehicles or NEVs, purchased by an eligible customer during the pilot are eligible for a smaller rebate.
5. Gulf Power will perform a field verification of a randomly selected minimum of 10% of pilot participants to ensure compliance with program standards.
6. Participating customers will be eligible for a one-time incentive during the three-year pilot period for one of the following:

¹ Low-Speed Vehicles are defined in F.S. 320.01(42).

- a. \$1,000 for highway-capable vehicle
 - b. \$500 for low-speed vehicle
7. This pilot will be limited to 100 participants per calendar year.

Monitoring and Evaluation

1. Gulf Power will track the following information:
 - a. Number and amount of rebates provided to customers
 - b. Date applications are received and incentives are paid
 - c. Number of disqualified applicants
 - d. Number and type of vehicles in the pilot program
 - e. Estimated demand and energy impact
 - f. Number of distributors or third party vendors actively promoting the pilot program
2. Six (6) months after the end of the pilot, Gulf Power will submit a report documenting the information above as well as conclusions and recommendations for future action. The report will include a cost-effectiveness analysis and customer satisfaction survey results.

Conservation Demonstration and Development (CDD)

2. Miscellaneous Projects

1. Technologies evaluated under this program may be applicable to residential, commercial, or industrial applications.
2. Technologies evaluated cover a wide variety of activities and are subject to specific screening criteria prior to study implementation. These criteria include potential for energy and demand savings, technology maturity, and broad customer acceptability.
3. Any technology evaluated will be subject to comprehensive monitoring and evaluation. Prior to implementation, a project justification will be completed including project concept or description, research and design considerations, potential market opportunity, and anticipated costs.