



Business Refrigeration

Trade Ally Program Standards

Effective: February 1, 2007

**Florida Power & Light Company
Business Refrigeration
Program Standards**

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Program Objective

The objective of the Business Refrigeration (Bus Refrigeration) Program is to reduce the current and future growth of coincident peak demand and energy consumption by increasing the use of high efficiency refrigeration systems and encouraging the early replacement of inefficient refrigeration equipment.

Customer Eligibility

The Bus Refrigeration Program is available to all business customers served by FPL. Customers who are replacing existing equipment or installing new equipment may participate according to the following requirements:

- The customer facility utilizing the equipment qualifying under this program must operate at some time during the hours of 3 to 6 PM weekdays during the summer months ranging from April 1 through October 31.
- For anti-sweat heat controls, special doors with low or no anti-sweat heat, and hot gas reclaim for freezer doors, the customer will sign an incentive certificate. All certificates must be received by the appropriate FPL office for processing within 6 months from the date of installation.
- The customer will have refrigeration equipment installed in accordance with the manufacturer's recommendations and specifications.
- Any exceptions must obtain approval from FPL.

Trade Ally Eligibility

All contractors installing equipment as part of the Bus Refrigeration Program must be a licensed contractor or a contractor in good standing in the State of Florida. The contractor must comply with all government statues, codes, ordinances and accepted engineering practices.

Equipment Eligibility

Refrigeration equipment such as glass display cases, door rails, case frames, and freezer doorways are in widespread use in supermarkets, convenient stores, restaurants, and distribution centers. The electric power can be reduced using anti sweat controls, special doors with low or no anti sweat heat, or hot gas reclaimed for freezer doors. Electric heater elements are normally needed to prevent condensation in display cases and to defrost freezer doorways. The following energy saving strategies and equipment may qualify for incentives:

- Electric strip heaters around the doors of display cases using automatic controls with humidistats to de-energize electric heaters when they are not needed. They can also use advanced controls to stagger defrost heater cycles to limit the quantity of strip heater load that can operate during each time period.
- Special glass doors for reach-in display cases which require minimum or no anti-sweat heat.
- Freezer doors that incorporate hot gas reclaim as its heat source that can reduce or eliminate electric strip heaters normally used for defrost control.

Documentation must be provided from the manufacturer indicating the potential Kw reduced by the use of these energy saving strategies and equipment.

All equipment installed must be new and cannot be refurbished or have been previously installed or used unless pre-approved by FPL.

The complete system, including any supplemental devices, shall be listed by Underwriters Laboratories (UL) or another nationally recognized testing organization.

All installations must be in compliance with all local, state and national codes pertaining to the installation and operation of refrigeration equipment.

Participation Requirements

Technical Assistance

Technical assistance may be provided by FPL. The technical assistance may consist of any or all of the following activities:

- Review and approval of equipment specifications.
- Inspection and approval of final equipment installation and operation prior to incentive payment.

Equipment Performance Verification

FPL will verify through post installation inspections the actual equipment installed and its operation under this Program.

If the equipment fails post-installation inspection:

- a) FPL shall notify the customer and provide the reason for the failure in writing within ten (10) working days of the inspection.
- b) The customer shall have 90 days after the date of the failure notice to remedy the problem and pass the inspection. Otherwise, the incentive payment process is terminated at FPL's discretion with no liability to either party.

Incentive Processing

Upon meeting all of the Customer Eligibility requirements and satisfying the system equipment requirements, the customer or the customer's designee shall be eligible to be paid an incentive. All incentives for refrigeration equipment will be paid at completion of the installation.

Incentive Payment Requirements

The incentive payment shall not be made by FPL until:

- A completed Bus Refrigeration Incentive Certificate is signed by the customer for anti-sweat heat controls, special doors with low or no anti-sweat heat, and hot gas reclaim for freezer doors.
- A copy of the equipment or contractor's invoice, or schedule of values, or customer purchase order is provided.
- The equipment passes the FPL post-installation inspection, as set forth in the Equipment Performance Verification section.

Incentive payments shall not exceed \$75/kw for each respective technology:

- anti-sweat heat controls,
- special doors with low or no anti-sweat heat,
- hot gas reclaim for freezer doors.

A complete schedule of incentives is included in Appendix A.

Reporting Requirements

All program charges such as Payroll & Benefits, Material and Supplies, Outside Services, Advertising, Vehicles, Other, and Incentives Costs shall be reported in the Energy Conservation Cost Recovery True-Up and Projection filings, specifically through Schedules CT-2 and C-2 respectively.

Appendix A
Incentive Tables

Refrigeration Equipment - Strip Heater Reduction Incentive Table

Medium Refrigeration (Glass Display Cases, Door Rails, Case Frames, Special Doors or Freezer Doorways)			
Medium From	Strip Heater Potential Reduction	To	Incentive Dollars
0	< Watts ≤	500	\$ 8
500	< Watts ≤	1000	\$ 30
1000	< Watts ≤	1500	\$ 45
1500	< Watts ≤	2000	\$ 68
2000	< Watts ≤	2500	\$ 83
2500	< Watts ≤	3000	\$ 105
3000	< Watts ≤	3500	\$ 120
3500	< Watts ≤	4000	\$ 143
4000	< Watts ≤	4500	\$ 158
4500	< Watts ≤	5000	\$ 180
5000	< Watts ≤	5500	\$ 195
5500	< Watts ≤	6000	\$ 218
6000	< Watts ≤	6500	\$ 233
6500	< Watts ≤	7000	\$ 255
7000	< Watts ≤	7500	\$ 270
7500	< Watts ≤	8000	\$ 293
8000	< Watts ≤	8500	\$ 308
8500	< Watts ≤	9000	\$ 330
9000	< Watts ≤	9500	\$ 345
9500	< Watts ≤	10000	\$ 368

Large Refrigeration (Glass Display Cases, Door Rails, Case Frames, Special Doors or Freezer Doorways)			
Large From	Strip Heater Potential Reduction	To	Incentive Dollars
10000	< Watts ≤	12500	\$ 420
12500	< Watts ≤	15000	\$ 518
15000	< Watts ≤	17500	\$ 608
17500	< Watts ≤	20000	\$ 705
20000	< Watts ≤	22500	\$ 795
22500	< Watts ≤	25000	\$ 893
25000	< Watts ≤	27500	\$ 983
27500	< Watts ≤	30000	\$ 1,080
30000	< Watts ≤	32500	\$ 1,170
32500	< Watts ≤	35000	\$ 1,268
35000	< Watts ≤	37500	\$ 1,358
37500	< Watts ≤	40000	\$ 1,455
40000	< Watts ≤	42500	\$ 1,545
42500	< Watts ≤	45000	\$ 1,643
45000	< Watts ≤	47500	\$ 1,733
47500	< Watts ≤	50000	\$ 1,830
50000	< Watts ≤	52500	\$ 1,920
52500	< Watts ≤	55000	\$ 2,018
55000	< Watts ≤	57500	\$ 2,108
57500	< Watts ≤	60000	\$ 2,205

Documentation must be provided from the manufacturer indicating the kW potential reduction by the use of these energy saving strategies and equipment

Appendix B
Incentive Certificate

**Florida Power & Light Company
Business Refrigeration Incentive Certificate
Anti-Sweat Heater Controls, Special Doors with Low or No Anti-Sweat Heat, and Hot Gas Reclaim Form**

Job Number _____

NON-NEGOTIABLE, VOID AFTER 6 MONTHS
FROM DATE OF DATE OF INSTALLATION

FPL Customer Account Information			Indicate Payee: <input type="checkbox"/> FPL Vendor <input type="checkbox"/> Customer		
FPL Account Number _____			Payee Tax ID (If Incorp.) _____		Payee S.S. No.(If not Incorp.) _____
Customer/Facility Type _____			Vendor Name _____		
Name _____	Phone Number _____		Vendor Tax I.D. No. _____	Phone Number _____	
Address _____		Contact Person _____	Address _____		Contact Person _____
City _____	State _____	Zip Code _____	City _____	State _____	Zip Code _____

Anti-Sweat Heater Controls, Special Doors with Low or No Anti-Sweat Heat, and Hot Gas Reclaim Form

Total Number of Doors with Anti-Sweat Heater Controls _____ Comments: _____

Total Number of Special Doors or Freezer Doors _____

Customer Refrigeration Capacity Info

FPL Incentive Info (See incentive table for Rates)

Display Case / Frame Door Type	Number of Units	Watt Pot Reduction / unit	Incentive \$ per unit	Total \$ Incentive
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
Total Incentive ==>				

FPL Use Only

Net FPL reduction _____ kW (from BES)

NEW CONSTRUCTION

Work Order #	ER	Comp	SEC	UC	Loc'n Code	EAC	Total Incentive Amount
2094	92	000	08	0	078	788	\$

CUSTOMER ACCEPTANCE OF INSTALLATION

NAME		DATE
<p>FPL ACCEPTS NO RESPONSIBILITY FOR THE DESIGN, QUALITY OF THE WORKMANSHIP, OR INSTALLATION OF ANY CONSERVATION MEASURES IT RECOMMENDS NOR FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM DEFECTS THEREIN, AND DOES NOT GUARANTEE SUCH MEASURES, EVEN IF FREE FROM DEFECTS AND PROPERLY INSTALLED. CUSTOMER AGREES TO OPERATE EQUIPMENT AT THE ABOVE FPL CUSTOMER FACILITY IN COMPLIANCE WITH THE OBLIGATIONS SET FORTH IN THE BUSINESS REFRIGERATION PROGRAM STANDARDS</p>		

UNSATISFACTORY DATE(S)

Certified by _____ Date _____

SATISFACTORY DATE

Authorization for Payment _____ Date _____

Print _____ **SLID** _____

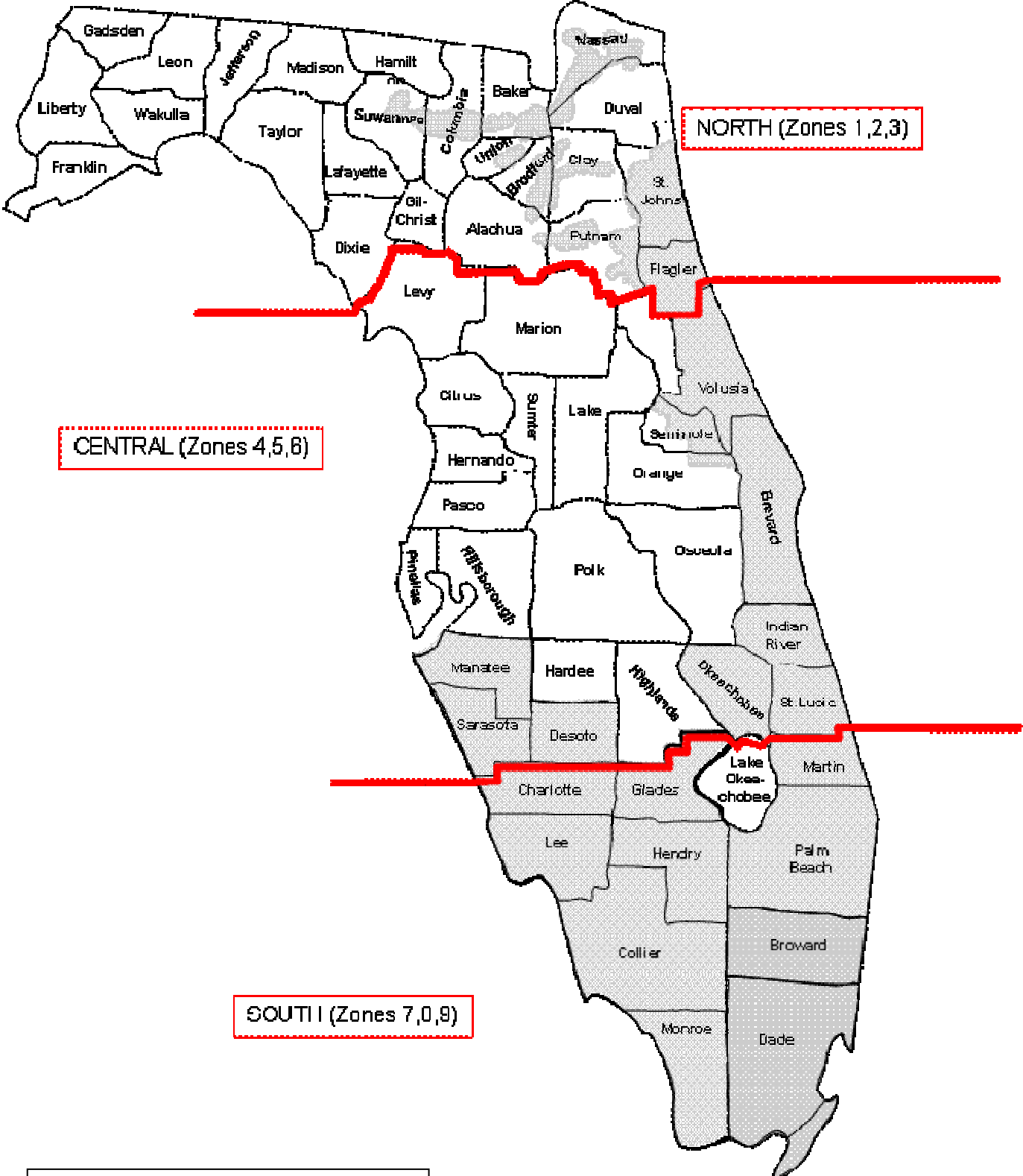
SMB
 CA
 CA GOVT

ASSOCIATE or INSPECTING REP: _____

Appendix C

FPL Service Territory Map and Mailing Address for Incentive Certificates

FPL Service Territory Mailing Address Incentive Certificates



Mail FPL Business Rebates to:

FPL Business Incentives
 CSF/GO
 PO Box 029100
 Miami, FL 33102-9100