

June 28, 1995

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Director
Division of Records and Reporting
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Petition on Proposed Agency Action

This letter is in regards to the Approval of Demand-Side Management Plan of Florida Power & Light Company, Docket No. 941170-EG.

My name is Donnie Nolley. I am the owner of Free Energy Survey, a residential energy auditing company in FPL's northern district. I live at 1372 Salina St. SE, Palm Bay, FL 32909. I would like to address FPL's proposal to discontinue the residential solar water heating program. I have been in the energy auditing business for the last twenty years and have found solar water heating to be of interest to homeowners.

We are all concerned with finding renewable sources of energy that do not deplete our natural resources. Solar energy is an excellent resource that is being used simply and effectively, now. Florida Power & Light has an ulterior motive in discontinuing this program; they are threatened by future prospects of solar usage, and their loss of revenue.

FPL has not promoted solar water heating as a viable alternative to electric energy. Their auditors have discouraged and misled homeowners in the beneficial use of solar water heating. I meet with 50-60 households a month to discuss their energy uses and the programs offered by FPL. 85% of these families are interested in solar energy. There is a large market for solar energy, but of the homeowners who contact FPL, 95% of them cancel their orders for solar water heating.

Solar energy is an important resource that is available now and has been proven effective in hot water heating. Solar energy is at the heart of economic and technological growth in the field of renewable technologies; discontinuance of the residential solar water heating program, now, would be a step backwards. With Florida Power & Light's support and promotion of solar energy, contractors can provide homeowners with a cost-effective, renewable energy resource.

I ask that you reverse the decision to discontinue solar water heating. Solar energy works, it is the future of Florida.

Sincerely,

EAG 1
LEG 1
LH: Donnie Nolley
OPC Donnie Nolley

RCH _____
SEC 1 encl

WAS _____
OTH encl

DOCUMENT NUMBER-DATE

06134 JUN 30 95

FPSC-RECORDS/REPORTING

Water Heater

MODEL-EFR90-42, FRE90-42, IEF42

ELECTRIC

FIRST HOUR RATING: 50

PREFIX-CR, Z, K, M

SUFFIX-S, D, STR, DTR, J, U, 9

ENERGYGUIDE

Estimates on the scale are based on a national average

ELECTRIC

Only models with first hour ratings of

RATE OF 8.04¢ PER KILOWATT HOUR

10 - 55 GALLONS are used in this scale

\$456

Model with lowest energy cost

\$123

Model with highest energy cost

\$562

▼ THIS MODEL ▼

Your cost will vary depending on your local energy rate and how you use the product. This energy cost is based on U.S. Government standard tests.

How much will this model cost you to run yearly?

YEARLY COST

Estimated yearly \$ cost shown below

Cost per	4¢	\$227
KILOWATT	6¢	\$340
HOUR	8¢	\$454
	10¢	\$567
	12¢	\$681
	14¢	\$794

Ask your salesperson or local utility for the energy rate in your area
COST PER KILOWATT HOUR

Important Removal of this label before consumer purchase is a violation of federal law. (42 U.S.C. 6302)

001100



SURVEY NUMBER				
DIST	CYDY	ROUTE	FOLIO	T C

Date _____

FPL

Walk-Thru Energy Survey

Name _____

Address _____

City _____ Phone No. _____

5-Star Rating

Based on the Walk-Thru Energy Survey of your home, FPL recommends the following conservation measures and practices to help you save energy and money:

To reduce cooling and heating costs:

- 21 26 Install highest efficiency unit available when replacing present air - conditioner (air conditioner, 11.0 EER/SEER or higher, recommended for South Region; heat pump, 11.0 or higher, recommended for North Region).
- 29 10 Replace electric resistance heat with high - efficiency heat pump (11.0 EER or higher).
Or natural gas heating.
- 5 5 Seal leaks in cooling and heating ducts.
- 1 1 Install clock thermostat IF you leave the air conditioner running when the house is vacant for extended periods or if you are a seasonal resident.
- 22 22 Install or increase attic insulation to at least R-19. (Estimated present level: R _____).
____ Add R-19
____ Add R-11
- 6 7 Install window treatment on:
____ East/West/SE/SW ____ South ____ NE/NW.
- 2 2 Caulk and seal windows and doors.
- 2 2 Weatherstrip windows and doors.
- 1 1 Install plastic inserts for jalousie windows.

To reduce water heating costs:

- 30 30 Install one of the following systems:
 - Solar Water Heating System (uses the sun's energy to heat water).
 - Heat Recovery Water Heating System (uses the heat from the central air conditioner to heat water).
 - Heat Pump Water Heating System (draws heat from the air to heat water).
 - Natural Gas Water Heating System.
- 1 1 Install low flow shower heads and faucet flow restrictors.
- 3 3 Install water heater insulation.
 - Entire wrap Top cover and pipes only.

Total Pts. _____ Rating _____

Other energy-saving practices and measures:

- Repair leaky faucets.
- Lower temperature setting of water heater: (Turn off power before making this adjustment.)
 - 140° F. if you use a dishwasher.
 - 120° F. for normal use.
- Turn off water heater when leaving for 2 days or longer.
- Use outside and/or inside shading for windows and walls (shrubbery, drapes, blinds, etc.)
- Set thermostat to 68° F. during the heating season (winter months).
- Set thermostat to 55° F. at night or when leaving for 4 or more hours during the heating season. (Not advisable for heat pumps.)
- Install ceiling fans (effective only when room occupied).
- Clean or replace air-conditioning filter(s) monthly during heavy usage periods.
- Set thermostat no lower than 78° F. during the cooling season.
- Turn air conditioner off when leaving for longer than 4 hours or set thermostat to 82° F. during the cooling season.
- Have air conditioning system serviced annually.
- Use fireproof material to plug any holes or gaps around fireplace damper.
- Add batt insulation to attic scuttle hole panel.
- Use clothesline where deed restrictions permit.
- Operate pool pump during the following hours:
Summer: 9 am - 3 pm and 9 pm - 11 pm
Winter: 9 am - 3 pm
- Clean refrigerator condenser coil at least twice a year. Check door seal for leaks.
- Install timers or photocells to be sure outside lights do not operate during daylight hours.
- Install duct insulation.
- Install wall insulation.
- Replace pool heating system with solar swimming pool heating (where present heating is non-renewable resource).

The results of this residential energy survey indicate your home has a _____ Star Rating. The higher number of stars denotes a more efficient home with a Five-Star rated home being the most efficient. Implementing the measures checked above can increase the energy efficiency of your home and may improve its rating under the Five-Star Watt-Wise Rating Program.

Customer Signature _____

Prepared by _____



FPL

Walk-Thru Energy Survey

SURVEY NUMBER				
DIST	CYDY	ROUTE	FOLIO	T C

Date _____

Name _____

Address _____

City _____ Phone No. _____

Based on the Walk-Thru Energy Survey of your home, FPL recommends the following conservation measures and practices to help you save energy and money:

To reduce cooling and heating costs:

- Install highest efficiency unit available when replacing present air - conditioner (air conditioner, 11.0 EER/SEER or higher, recommended for South Region; heat pump, 11.0 or higher, recommended for North Region).
- Replace electric resistance heat with high - efficiency heat pump (11.0 EER or higher).
Or natural gas heating.
- Seal leaks in cooling and heating ducts.
- Install clock thermostat IF you leave the air conditioner running when the house is vacant for extended periods or if you are a seasonal resident.
- Install or increase attic insulation to at least R-19. (Estimated present level: R _____).
____ Add R-19
____ Add R-11
- Install window treatment on:
____ East/West/SE/SW ____ South ____ NE/NW
- Caulk and seal windows and doors.
- Weatherstrip windows and doors.
- Install plastic inserts for jalousie windows.

To reduce water heating costs:

- Install one of the following systems:
 - Solar Water Heating System (uses the sun's energy to heat water)
 - Heat Recovery Water Heating System (uses the heat from the central air conditioner to heat water)
 - Heat Pump Water Heating System (draws heat from the air to heat water)
 - Natural Gas Water Heating System
- Install low flow shower heads and faucet flow restrictors.
- Install water heater insulation.
 - Entire wrap. Top cover and pipes only.

Other energy-saving practices and measures:

- Repair leaky faucets.
- Lower temperature setting of water heater: (Turn off power before making this adjustment.)
 - 140° F. if you use a dishwasher.
 - 120° F. for normal use.
- Turn off water heater when leaving for 2 days or longer.
- Use outside and/or inside shading for windows and walls (shrubby, drapes, blinds, etc.)
- Set thermostat to 68° F. during the heating season (winter months).
- Set thermostat to 55° F. at night or when leaving for 4 or more hours during the heating season. (Not advisable for heat pumps.)
- Install ceiling fans (effective only when room occupied).
- Clean or replace air-conditioning filter(s) monthly during heavy usage periods.
- Set thermostat no lower than 78° F. during the cooling season.
- Turn air conditioner off when leaving for longer than 4 hours or set thermostat to 62° F. during the cooling season.
- Have air conditioning system serviced annually.
- Use fireproof material to plug any holes or gaps around fireplace damper.
- Add batt insulation to attic scuttle hole panel.
- Use clothesline where deed restrictions permit.
- Operate pool pump during the following hours:
Summer: 9 am - 3 pm and 9 pm - 11 pm
Winter: 9 am - 3 pm
- Clean refrigerator condenser coil at least twice a year. Check door seal for leaks.
- Install timers or photocells to be sure outside lights do not operate during daylight hours.
- Install duct insulation.
- Install wall insulation.
- Replace pool heating system with solar swimming pool heating (where present heating is non-renewable resource).

The results of this residential energy survey indicate your home has a _____ Star Rating. The higher number of stars denotes a more efficient home with a Five Star rated home being the most efficient. Implementing the measures checked above can increase the energy efficiency of your home and may improve its rating under the Five-Star Watt-Wise Rating Program.

Customer Signature _____

Prepared by _____

WATT-SAVER™



FPL

FPL's ENERGY CONSERVATION INCENTIVE CERTIFICATE

TL 359

ACCOUNT NO

--	--	--	--	--	--	--	--	--	--

CUSTOMER NAME _____

ADDRESS _____

CITY _____ ZIP _____ PHONE _____

NON - NEGOTIABLE

Valid only if signed prior to work being initiated
FPL RESERVES THE RIGHT TO NULLIFY
AFTER 90 DAYS OF ISSUANCE.

AMOUNT _____ dollars and /100 \$ _____

For partial payment to participating contractor upon installation of measure indicated below. This Certificate is valid only for work performed by a participating licensed contractor.

FPL REPRESENTATIVE	ID #	DATE
--------------------	------	------

INCENTIVE SCHEDULE

FAMILY SIZE	WATER HEATING		AMOUNT	CEILING INSULATION		
	SOLAR	HEAT REC'V		MARGINAL ADDR 11 CHART 1	INADEQUATE ADDR 19 CHART 2	NONE ADDR 19 CHART 3
\$	\$	\$	90 FT	90 FT	90 FT	90 FT
PRI VIOU'S W/H AGE	PRI VIOU'S W/H GALS		WINDOW TREATMENT			
			AMOUNT			
			E, W, SE, SW	S	N, NW	
			90 FT	90 FT	90 FT	

PARTY		CONTRACTOR #	
MAG ADDRESS		CITY	ST ZIP
SIGNATURE / TITLE		INSTALLED DATE	

I acknowledge that the measure indicated was installed at the address listed above.

CUSTOMER SIGNATURE _____

FPL accepts no responsibility for the 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.

FPL USE ONLY

SYS INST	Vehicle Work Order	Bk	TR	Account No			Inspector		Date	ID #	Insp Type				
				COMP	SEC	UC	Loc n Code	FAC							
WT	W 8650	E	90	A	000	03	0	L	085	X	782	00			
INSUL	W 8660	E	90	A	000	03	0	L	085	X	781	00			
SOLAR	W 8840	E	90	A	000	03	0	L	085	X	786	00			
HRU	W 8840	E	90	A	000	03	0	L	085	X	788	00			
												00			

VENDOR NUMBER

V

--	--	--	--	--	--	--	--	--	--

 Delivery Location Code

--	--	--	--	--	--

Authorized _____

Date _____

WATT-SAVER™



FPL

FPL's ENERGY CONSERVATION INCENTIVE CERTIFICATE

TL 359

ACCOUNT NO

CUSTOMER NAME _____

--	--	--	--	--	--	--	--	--	--

ADDRESS _____

NON - NEGOTIABLE

Valid only if signed prior to work being initiated
FPL RESERVES THE RIGHT TO NULLIFY
AFTER 90 DAYS OF ISSUANCE.

CITY _____ ZIP _____ PHONE _____

AMOUNT _____ dollars and / 100 \$ _____

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FPL REPRESENTATIVE	ID #	DATE
--------------------	------	------

INCENTIVE SCHEDULE

FAMILY SIZE	WATER HEATING		AMOUNT	CEILING INSULATION		
	SOLAR	HEAT REC'Y		MARGINAL ADDR 11 CHART 1	INADEQUATE ADDR 19 CHART 2	NO/NE ADDR 19 CHART 3
\$	\$	\$	SO FT	SO FT	SO FT	SO FT
PREVIOUS WORK	PREVIOUS WORK			WINDOW TREATMENT		
			AMOUNT	E. W. SE. SW	S	NE. NW
			\$	SO FT	SO FT	SO FT

PAYEE	CONTRACTOR #		
MAIL ADDRESS	CITY	ST	ZIP
SIGNATURE - TITLE	INSTALLED DATE		

I acknowledge that the measure indicated was installed at the address listed above.

CUSTOMER SIGNATURE _____

FPL accepts no responsibility for the quality of the workmanship or installation of any conservation measures it recommends nor for any consequent fire or incidental damages resulting from defects therein, and does not guarantee such measures, even if free from defects and properly installed.

FPL USE ONLY

SYS INST	Vehicle Work Order	SER	Account No or	Inspector				Date		ID #	Inst Type	
				COMP	SEC	UC	Loc. Code	FAC	AMOUNT	Watt Saver #	Division Contractor #	Contractor Name
WT	W 8650	E 90	A 000	03	0	L 085	X 782		00			
INSUL	W 8660	E 90	A 000	03	0	L 085	X 781		00			
SOLAR	W 8840	E 90	A 000	03	0	L 085	X 786		00			
HRU	W 8840	E 90	A 000	03	0	L 085	X 788		00			
									00			

VENDOR NUMBER

V

Delivery Location Code

Authorized _____

Date _____



FPL

On behalf of Florida Power and Light Company, this

Certificate of Achievement

is hereby presented to

Donnie E. Holley

for successfully completing the course(s)

Course Name: R.C.S. Auditor Workshop
Number: 04P0189

EE Course Sponsor Number: 04P0189

Credit Hours: 14 Class 2 Bears Raters

Course Name:
Number: 04P0189

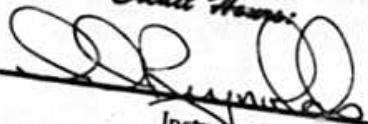
Credit Hours:

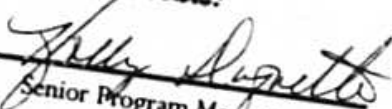
Course Name:
Number: 04P0189

Credit Hours:

Course Name:
Number: 04P0189

Credit Hours:


Instructor


Senior Program Manager