ORIGINAL

Natalie F. Smith
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Florida Power & Light Company
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June 15, 2007

VIA HAND DELIVERY

Ms. Ann Cole
Office of the Clerk
Florida Public Service Commission
Betty Easley Conference Center
2540 Shumard Oak Boulevard, Room 110
Tallahassee, FL 32399-0850

Re: Docket No. 070376 -EG
Florida Power & Light Company's Petition for Approval of Thermostat Pilot Project

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an original and seven (7) copies of FPL's Petition for Approval of Thermostat Pilot Project together with a diskette containing the electronic version of same.

Please contact me if you or your Staff have any questions regarding this filing.

Sincerely,

Natalie F. Smith

NFS:jsb
Enclosures

Orig Tariffs + diskette forwarded to ECR.

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of Residential Thermostat Load Control Pilot Project	)	Docket No. 070316EG Filed: June 15, 2007

FLORIDA POWER & LIGHT COMPANY'S PETITION FOR APPROVAL OF THERMOSTAT PILOT PROJECT

Florida Power & Light Company ("FPL"), pursuant to Sections 366.82 and 366.06(1), Florida Statutes (2006), and Florida Administrative Code Rule 25-17.0021 petitions the Florida Public Service Commission ("Commission") to approve its Residential Thermostat Load Control Pilot Project ("Thermostat Pilot Project" or the "Pilot Project"), as described in this petition, for an initial 24-month period, and to authorize FPL to recover through its Energy Conservation Cost Recovery ("ECCR") clause reasonable and prudent expenditures associated with implementation of the Pilot Project. FPL believes that approval of FPL's Thermostat Pilot Project, as proposed, will help further the objectives of the Florida Energy Efficiency Conservation Act ("FEECA") by cost-effectively reducing the growth rate of weather sensitive peak demand, reducing and controlling the growth rate of energy consumption, increasing the conservation of expensive resources and increasing the efficiency of the electrical system. See Section 366.81, Florida Statutes (2006); Rule 25-17.001(2), Florida Administrative Code (2006). Reducing the growth rate of weather sensitive peak demand will benefit not only FPL's individual customers who reduce their demand through participation in the Thermostat Pilot Project, but also all other customers on FPL's system. See Rule 25-17.001(3), Florida Administrative Code. FPL respectfully requests expedited consideration and approval of the

Thermostat Pilot Project in order that customers may receive the conservation benefits of its proposed Pilot Project in the near term. In support of this petition FPL states:

1. FPL is a public utility subject to the jurisdiction of the Commission pursuant to Chapter 366 of the Florida Statutes. FPL's General Offices are located at 9250 West Flagler Street, Miami, FL 33174.

2. The names and addresses of FPL's representatives to receive communications regarding this docket are:

William G. Walker, III Florida Power & Light Company Vice President 215 South Monroe Street Suite 810 Tallahassee, Florida 32301-1859	Natalie F. Smith, Esquire Florida Power & Light Company 700 Universe Boulevard Juno Beach, Florida 33408 Telephone: 561-691-7207

3. FPL is subject to FEECA, Sections 366.80-366.85 and 403.519, Florida Statutes (2006), and its Energy Conservation Cost Recovery clause is subject to the Commission's jurisdiction. Pursuant to FEECA and Commission rules implementing FEECA, FPL is required to seek the Commission's approval of any amendments or modifications to its approved DSM Plan and is entitled to seek recovery of associated expenditures. FPL's DSM Goals were approved in Order No. PSC-04-0850-CO-EG issued September 1, 2004 in Docket No. 040029-EG. FPL's current DSM Plan was approved by the Commission in Order No. PSC-05-0323-CO-EG issued March 21, 2005 in Docket No. 040029-EG.[1] As a result of a comprehensive review of FPL's DSM Programs and potential measures, modifications to FPL's approved DSM Plan were approved by the Commission in Order No. PSC-06-0535-PAA-EG, issued June 26, 2006 in

[1] Following a formal proceeding, the BuildSmart and Residential Conservation Service programs were subsequently approved in Order No. PSC-06-0025-FOF-EG issued January 10, 2006 in Docket No. 040029-EG.

Docket No. 060286-EG (residential and business HVAC programs) and Order No. PSC-06-0740-TRF-EI, issued September 1, 2006 in Docket No. 060408-EI (modifications to other portions of FPL's DSM plan). FPL has a substantial interest in whether the Commission approves FPL's Thermostat Pilot Project and authorizes cost recovery for project implementation expenditures.

BACKGROUND

4. FPL has had a residential load management program (the "On-Call Program") since 1986. In Order No. PSC-03-0322-TRF-EG, issued March 6, 2003 in Docket No. 030051-EG, the Commission approved FPL's request to close the On-Call Program, offered under rate schedule RSL, to new customers effective April 1, 2003. In its place, the Commission approved the current Residential Load Control Pilot Project tariff ("RLP"), which reduced the monthly bill credits paid to program participants. By petition dated May 31, 2007, FPL requested Commission approval of the Residential Load Control Pilot Project as a permanent DSM program. See Docket No. 070350-EG.

5. The residential On-Call Program is designed primarily to reduce system coincident peak demand, but it also reduces energy consumption. The On-Call Program involves the installation of load control equipment to allow FPL to control residential customer loads on an as-needed basis. By exercising load control, FPL can reduce demand on its system during times of peak or system emergency. To secure the opportunity to exercise load control, FPL provides a monthly bill credit to On-Call Program participants. These credits, including the cost of any FPL-controlled equipment, are recovered through the ECCR clause. As of year-end 2006, FPL had approximately 742,395 active participants in the residential On-Call Program, with a potential summer peak demand reduction of approximately 928 MW.

NEED FOR THERMOSTAT PILOT PROJECT

6. In an effort to increase the appeal of residential load management among residential customers, FPL respectfully requests approval of the Thermostat Pilot Project, which is more fully described in Appendix A. A typical barrier to customer acceptance of utility load control programs is reluctance to surrender control of heating and air conditioning appliances. Consequently, for an initial 24-month period, FPL would like to evaluate whether the benefits of the On-Call Program can be expanded through use of a new generation of communication and control technologies that put residential customers in charge of decisions that could lower energy costs, while allowing customers to override FPL control of their heating and air conditioning appliances. If the Pilot Project is approved, participating customers would be provided a programmable thermostat and the option of overriding FPL control via the telephone or Internet.

7. In contrast to the current On-Call Program, participants in the Pilot Project would not receive monthly load control bill credits for permitting the utility to interrupt heating and air conditioning. Instead, the benefits to the customer would come through using the programmable thermostat to reduce energy consumption with the assurance that they could override FPL control at their option. The Pilot Project does not affect the residential load control shed option for central air conditioner and heater, water heater or pool pump. Thermostat Pilot Project participants may combine the programmable thermostat option with water heater and/or pool pump options, receiving the On-Call monthly bill credits associated with the latter appliances.

8. It is foreseeable that some participants in the current On Call program may desire to "switch" from the credit-paying air conditioner option to the thermostat option. As part of the pilot, FPL will test for the level of interest in switching among a sample of current On Call participants, and estimate the impact of switching on the cost-effectiveness of the thermostat

option.

PILOT PROPOSAL

9. FPL believes a 24-month field test of the programmable thermostat approach to load management as an alternative to the On-Call Program will provide the most reliable estimates of customer participation, benefits and costs. FPL proposes to solicit participants in the Thermostat Pilot by offering a limited number of customers within a defined area the option of receiving a free programmable thermostat for their central air conditioning and heating appliances with the option to override FPL's control of these appliances. FPL will carefully measure and evaluate the actual demand (kW) and energy (kWh) impacts, net of customer overrides, in order to evaluate the technical and economic merit of continuing the programmable thermostat approach as a permanent component of the Company's DSM plan.

TARIFF APPROVAL

10. FPL proposes to implement its Thermostat Pilot Project through Fourth Revised Sheet No. 8.220, entitled "RESIDENTIAL THERMOSTAT LOAD CONTROL PILOT PROJECT," continuing on Original Sheet Nos. 8.221 and 8.222. These tariff sheets are attached to FPL's Petition as Appendix B. Prior to the completion of the 24-month initial effective period for this Pilot Project, FPL may seek Commission approval for continuation of the Pilot Project, termination of the Pilot Project, or approval of a permanent program.

CRITERIA FOR APPROVAL

11. The proposed Thermostat Pilot Project will further help FPL achieve the goals set forth in the FEECA and Florida Administrative Code Rule 25-17.001. The proposed Pilot Project is designed to cost-effectively reduce the growth rate of weather-sensitive peak demand, reduce and control the growth rate of energy consumption, increase the conservation of

expensive resources and increase the efficiency of the electrical system.

12. As required by Rule 25-17.008, Florida Administrative Code, FPL will use the Commission-approved cost-effectiveness tests to determine the cost-effectiveness of the Thermostat Pilot Project. A preliminary cost-effectiveness analysis is attached as Appendix C. The preliminary analysis shows the following benefit-to-cost ratios: RIM = 1.34, TRC = 1.62, and Participant = Infinite. The Pilot Project will provide the inputs to perform a final cost-effectiveness analysis.

13. The Thermostat Pilot Project is directly monitorable and will yield measurable results. FPL will monitor the results of the Pilot Project, as described in Appendix A.

14. FPL is not aware of any disputed issues of material fact. FPL's proposed Thermostat Pilot Project, as reflected in Appendix A, should be approved for an initial period of 24 months. The Commission should approve Tariff Sheet Nos. 8.220, 8.221 and 8.222 (Appendix B), which are needed to implement the proposed modifications. The Commission should also authorize recovery of the reasonable and prudent expenditures associated with FPL's Thermostat Pilot Project, including the cost of any FPL-controlled equipment, through FPL's ECCR clause. The statutes and rule which entitle FPL to relief are Sections 366.82(2), 366.06(1), Florida Statutes (2007), and Florida Administrative Code Rule 25-17.0021 (2007).

15. There has not been agency action in this proceeding. Therefore, FPL cannot provide a statement of when and how FPL received notice of agency action.

WHEREFORE, FPL respectfully requests that the Commission: (1) approve FPL's Thermostat Pilot Project, as described in Appendix A to this petition, as well as the Tariff sheets contained in Appendix B for an initial period of 24 months, (2) authorize FPL to recover through its ECCR clause reasonable and prudent expenditures associated with the implementation of the

Thermostat Pilot Project, including the cost of any FPL-controlled equipment, and (3) grant such other relief as may be appropriate. Further, FPL respectfully requests expedited treatment of this petition so that FPL's customers may realize the benefits of the proposed modifications in the near term.

Respectfully submitted,

Natalie F. Smith, Principal Attorney
Florida Power & Light Company
Law Department
700 Universe Boulevard
Juno Beach, FL 33408
(561) 691-7207

By: _____
Natalie F. Smith

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of FPL's Petition For Approval of its Residential Thermostat Load Control Pilot Project, was served by United States Mail this 15th day of June, 2007, to the following:

Charles Beck, Esquire
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, Florida 32399-1400

By: _____
Natalie F. Smith

APPENDIX A

FPL Residential Thermostat Load Control Pilot Project

Background

Florida Power and Light Company (FPL) has successfully implemented a residential load control program (the On-Call Program) since 1986. The On-Call Program is designed primarily to reduce system coincident peak demand, but it also reduces energy consumption.

The On-Call Program involves the installation of load control equipment to allow FPL to control residential customer loads on an as-needed basis. By exercising control, FPL can reduce demand on its system at times of peak or system emergency. As of year-end 2006, FPL had approximately 742,395 active participants in the On-Call Program. Interruption or control of those customers would mean a demand reduction of summer peak of approximately 928 MW. To secure the opportunity to exercise load control, FPL provides a monthly bill credit to On-Call Program participants. These credits are recovered through FPL's ECCR clause.

FPL seeks ways to increase the appeal of residential load management to new and changing markets. A typical barrier to customer acceptance of utility load control programs is reluctance to surrender control of air conditioning and heating appliances. Consequently, FPL wants to evaluate whether the appeal of the On-Call Program can be expanded through use of a new generation of communication and control technologies that put residential customers in charge of decisions that could lower energy costs, and allow them to override FPL control of their central air conditioning and heating appliances. An option to the On-Call Program would be made available through a new Residential Thermostat Load Control Pilot Project ("Thermostat Pilot

Project" or the "Pilot Project"). Participating customers in the Pilot Project are provided a programmable thermostat and the option of overriding FPL control of their central air conditioning and heating appliances via telephone or Internet.

In contrast to the current On-Call program, Pilot Project participants do not receive monthly load control bill credits for permitting the utility to interrupt central air conditioning and heating appliances. With the programmable thermostat approach to load control, the benefits to the customer come from using the programmable thermostat to reduce energy consumption and the assurance that they can override FPL control of their central air conditioning and heating appliances if they choose.

FPL believes a field test will provide the most reliable estimates of participation, benefits and costs. Because the element of customer overrides is new, and can reduce the demand under FPL's control, careful measurement and evaluation of the actual demand (kW) and energy (kWh) impacts, net of customer overrides, must be performed before the programmable thermostat approach can ultimately be deemed cost-effective for a permanent program.

Objective

FPL seeks to pilot the residential load control programmable thermostat approach for the purpose of gathering the data essential to evaluating the technical and economic merit of continuing the approach as a permanent component of the company's demand side management (DSM) plan.

FPL proposes to:

Pilot the programmable thermostat as an alternative to On-Call's most-popular option: central air conditioning and heating cycle monthly bill credits. FPL will solicit pilot participants by offering the choice of receiving a free programmable thermostat for their central air conditioning and heating appliances and the option to override FPL's control of these appliances or monthly bill credits under the On-Call Program and FPL's control of these appliances. Response rates will help FPL estimate the future potential for participation. The programmable thermostat will act as FPL's control device for the central air conditioner and heater appliances, cycling the equipment for the same percentage of time as the current Interruption Schedules for Electrical Appliances under the On-Call Program.

During the Pilot Project, customers will have a choice of:

a. On-Call's current air conditioning cycle bill credit of $3.00 per month (April – October) and heating cycle credit of $2.00 per month (November – March), **or**

b. Installation of a programmable thermostat, and the right to override FPL control of air conditioning or heating appliances. The thermostat may be programmed by the customer to increase energy savings. Customers who are Internet users will also be able to program their thermostat and monitor their homes' temperature via the Internet.

The Pilot Project does not affect the residential load control shed option for central air conditioner and heater, water heater or pool pump. Thermostat Pilot Project participants may combine the programmable thermostat option with water heater and/or pool pump options, receiving the Commission-approved On-Call monthly bill credits associated with the latter appliances.

During the Pilot Project, FPL will closely track the response rate to the Pilot Project offer as well as the override rate during load control test events of various frequency and duration. The demand (kW) and energy impacts (kWh) of cycling air conditioners and heaters via the programmable thermostats will be measured net of customer overrides. Satisfaction among Pilot Project participants will be surveyed during and after the Pilot Project to understand long-term customer acceptance of the programmable thermostat approach.

Pilot Project Administration

FPL's Residential Thermostat Load Control Pilot Project will be limited to 400 residential customers located in the Pilot Project area and will last 24 months. Broward County is proposed as the Pilot Project area for economies of Pilot Project management, and to allow evaluation of impacts under the weather conditions experienced by many FPL customers. Pilot Project participants must be individually metered (i.e., do not receive service through commonly owned facilities of condominium, cooperative or homeowners' associations) and the residences must have central electric air conditioners. Among Pilot Project participants, central electric space heating is eligible only in combination with central air conditioning, and when controlled by the thermostat. Pilot Project participants who have conventional electric water heaters and swimming pool pumps may sign up for these appliances, receiving the normal load control credits.

Customer eligibility for participation in the Thermostat Pilot Project will be based on five primary factors: 1) whether the customer is located in the Pilot Project area (Broward County), 2)

whether their service characteristics (voltage, etc.) are compatible with existing load control equipment, 3) whether the customer receives service from a substation which has load control equipment installed, 4) whether the customer has the proper eligible load (central air conditioner), and 5) whether there is sufficient wireless signal strength at the customer location to allow FPL to communicate with the thermostat. FPL will be responsible for installing and maintaining the thermostat and communications equipment.

Upon installation, the customer will receive information on how to 1) save energy by programming their thermostat, 2) access an Internet site for simplified thermostat programming and monitoring of home temperature and 3) override FPL control events by phone or Internet. Participants in the Thermostat Pilot Project do not receive monthly air conditioning or heating bill credits, but may receive monthly bill credits for enrolling their water heater and/or swimming pool pump in On-Call. The latter incentives would be paid as specified in the On-Call Program tariff, Schedule RLP.

It is foreseeable that some participants in the current On Call program may desire to "switch" from the credit-paying air conditioner option to the thermostat option. As part of the pilot, FPL will test for the level of interest in switching among a sample of current On Call participants, and estimate the impact of switching on the cost-effectiveness of the thermostat option.

Cost Effectiveness

FPL will use the Commission approved cost-effectiveness methodologies required by Rule 25-17.008 to determine the cost-effectiveness of the thermostat option. A preliminary cost-

effectiveness analysis is attached as Appendix C to the Petition. Long-term costs and benefits of the program were modeled with estimated benefit-cost ratios of RIM = 1.34, TRC = 1.62, and Participant = Infinite for FPL's Residential Thermostat Load Control Pilot Project. The Pilot Project will provide the inputs to perform a final cost-effectiveness analysis.

Pilot Project Monitoring

FPL will perform monitoring and evaluation of to determine the demand (kW) and energy (kWh) impacts of the thermostat approach. Quality control checks will also be performed to verify the reliability of communications with the thermostats.

FPL will track all Residential Thermostat Load Control Pilot participants using an independent database as well as its Customer Information System. Customers will be tracked according to the appliances they have participating in the program, as well as any changes in their participation status. FPL will be able to determine if Pilot Project customers choose to override utility control of air conditioner or heater during load control events. In addition, FPL will track customer questions or concerns related to the Pilot Project, dropout rates and reason for the dropouts, and overall satisfaction.

Proposed Schedule and Budget

Schedule: FPL seeks approval of the Residential Thermostat Load Control Pilot and requests an initial effective period of 24 months from the date of Commission approval.

Budget: FPL's estimated costs of the Pilot Project are $728,000 associated with marketing, equipment, installation and maintenance, computer hosting and support, and evaluation of the Residential Thermostat Load Control Pilot. A breakdown of FPL's estimated Pilot Project costs is provided below. FPL requests approval for recovery through the Energy Conservation Cost Recovery (ECCR) Clause.

Description	Total
Marketing	$ 56,000
Equipment	$ 110,000
Installation & maintainance	$ 266,000
Computer hosting and support	$ 111,000
Evaluation	$ 185,000
Total	**$ 728,000**

APPENDIX B

~~RESERVED FOR FUTURE USE~~

RESIDENTIAL THERMOSTAT LOAD CONTROL PILOT PROJECT

RATE SCHEDULE: RLT

AVAILABLE

Available only within the geographic areas served by the Company's Residential Thermostat Load Control Pilot Project ("Thermostat Pilot Project") and effective for a period of 24 months from the effective date of this Tariff or until modified, discontinued, or otherwise revised by the Commission. Participants in the Thermostat Pilot Project must have service characteristics (voltage, etc.) which are compatible with existing load control equipment and must receive electric service from an FPL substation which has load control equipment installed with sufficient wireless strength at the customer location to allow FPL to communicate with the programmable thermostat.

APPLICATION

To Customers receiving service under Rate Schedule RS-1 who elect to participate in the Thermostat Pilot Project and utilize central electric air conditioning and central electric space heating* appliances at the Customer's premise which, as described below, can be controlled by a programmable thermostat to override an FPL interruption ("Thermostat controlled appliances"). Additionally, the Thermostat Pilot Project participant may have one or both of the following ("FPL controlled appliances"):

1. Conventional electric water heater
2. Swimming pool pump (including pool sweeps as appropriate)

*Central electric space heating systems alone are ineligible for RLT participation. These systems are eligible for RLT participation only when central electric air conditioning is signed up for participation.

The Thermostat Pilot Project is limited to 400 customers who have chosen to receive a programmable thermostat for control of their Thermostat controlled appliances in lieu of participating in FPL's Residential On-Call Load Control Pilot Project ("On-Call") and receiving Monthly Credits for these Thermostat controlled appliances. Thermostat Pilot Project participants have the option of overriding FPL's interruption of these Thermostat controlled appliances via the phone or the Internet. Thermostat Pilot Project participants' accessibility to the Internet will also provide them the option of programming their thermostat for increased energy savings of their Thermostat controlled appliances and monitor the temperature of their homes. Prior to completion of the 24-month initial effective period for this Tariff, FPL may seek approval from the Commission for continuation of the Thermostat Pilot Project, termination of the Thermostat Pilot Project, or approval of a permanent program. At the completion of the Thermostat Pilot Project, customers who complete the Thermostat Pilot Project may retain the programmable thermostat, but will lose access to the programmable thermostat through the Internet. Thermostat Pilot Project participants shall also have the option at that time of placing their Thermostat controlled appliances under the On-Call Program and receiving applicable Monthly Credits for FPL control of their central electric air conditioning and central electric space heating appliances.

This Rate Schedule is not applicable for service to commonly-owned facilities of condominium, cooperative, or homeowners' associations.

SERVICE

The same as specified in Rate Schedule RS-1.

LIMITATION OF SERVICE

The same as specified in Rate Schedule RS-1. The Thermostat controlled appliances shall be interrupted at the option of the Thermostat Pilot Project participant as provided in the Residential Thermostat Load Control Pilot Project, by means of load management equipment installed at the Customer's premise. The FPL controlled appliances shall be interrupted at the option of the Company by means of load management equipment installed at the Customer's premise.

MONTHLY CREDIT

RLT Customers receiving service under this Rate Schedule will receive a credit on the monthly bill for the participating electrical appliances listed below as follows:

	DEVICE (OPTION)	APPLICABILITY	THERMOSTAT CREDIT
1.	Conventional electric water heater	Year-round	$1.50
2.	Central electric air conditioning	April-October	$0.00
3.	Swimming pool pump	Year-round	$3.00
4.	Central electric space heating	November-March	$0.00

Total Monthly Credit shall not exceed 40 percent of the Rate Schedule RS-1 "Base Energy Charge" actually incurred for the month (if the Budget Billing Plan is selected, actual energy charges will be utilized in the calculations, not the levelized charges) and no credit will be applied to reduce the Minimum bill specified on Rate Schedule RS-1.

(Continued on Sheet No. 8.221)

RESIDENTIAL THERMOSTAT LOAD CONTROL PILOT PROJECT

RATE SCHEDULE: RLT

AVAILABLE

Available only within the geographic areas served by the Company's Residential Thermostat Load Control Pilot Project ("Thermostat Pilot Project") and effective for a period of 24 months from the effective date of this Tariff or until modified, discontinued, or otherwise revised by the Commission. Participants in the Thermostat Pilot Project must have service characteristics (voltage, etc.) which are compatible with existing load control equipment and must receive electric service from an FPL substation which has load control equipment installed with sufficient wireless strength at the customer location to allow FPL to communicate with the programmable thermostat.

APPLICATION

To Customers receiving service under Rate Schedule RS-1 who elect to participate in the Thermostat Pilot Project and utilize central electric air conditioning and central electric space heating* appliances at the Customer's premise which, as described below, can be controlled by a programmable thermostat to override an FPL interruption ("Thermostat controlled appliances"). Additionally, the Thermostat Pilot Project participant may have one or both of the following ("FPL controlled appliances"):

1. Conventional electric water heater
2. Swimming pool pump (including pool sweeps as appropriate)

*Central electric space heating systems alone are ineligible for RLT participation. These systems are eligible for RLT participation only when central electric air conditioning is signed up for participation.

The Thermostat Pilot Project is limited to 400 customers who have chosen to receive a programmable thermostat for control of their Thermostat controlled appliances in lieu of participating in FPL's Residential On-Call Load Control Pilot Project ("On-Call") and receiving Monthly Credits for these Thermostat controlled appliances. Thermostat Pilot Project participants have the option of overriding FPL's interruption of these Thermostat controlled appliances via the phone or the Internet. Thermostat Pilot Project participants' accessibility to the Internet will also provide them the option of programming their thermostat for increased energy savings of their Thermostat controlled appliances and monitor the temperature of their homes. Prior to completion of the 24-month initial effective period for this Tariff, FPL may seek approval from the Commission for continuation of the Thermostat Pilot Project, termination of the Thermostat Pilot Project, or approval of a permanent program. At the completion of the Thermostat Pilot Project, customers who complete the Thermostat Pilot Project may retain the programmable thermostat, but will lose access to the programmable thermostat through the Internet. Thermostat Pilot Project participants shall also have the option at that time of placing their Thermostat controlled appliances under the On-Call Program and receiving applicable Monthly Credits for FPL control of their central electric air conditioning and central electric space heating appliances.

This Rate Schedule is not applicable for service to commonly-owned facilities of condominium, cooperative, or homeowners' associations.

SERVICE

The same as specified in Rate Schedule RS-1.

LIMITATION OF SERVICE

The same as specified in Rate Schedule RS-1. The Thermostat controlled appliances shall be interrupted at the option of the Thermostat Pilot Project participant as provided in the Residential Thermostat Load Control Pilot Project, by means of load management equipment installed at the Customer's premise. The FPL controlled appliances shall be interrupted at the option of the Company by means of load management equipment installed at the Customer's premise.

MONTHLY CREDIT

RLT Customers receiving service under this Rate Schedule will receive a credit on the monthly bill for the participating electrical appliances listed below as follows:

	DEVICE (OPTION)	APPLICABILITY	THERMOSTAT CREDIT
1.	Conventional electric water heater	Year-round	$1.50
2.	Central electric air conditioning	April-October	$0.00
3.	Swimming pool pump	Year-round	$3.00
4.	Central electric space heating	November-March	$0.00

Total Monthly Credit shall not exceed 40 percent of the Rate Schedule RS-1 "Base Energy Charge" actually incurred for the month (if the Budget Billing Plan is selected, actual energy charges will be utilized in the calculations, not the levelized charges) and no credit will be applied to reduce the Minimum bill specified on Rate Schedule RS-1.

(Continued on Sheet No. 8.221)

(Continued from Sheet No. 8.220)

INTERRUPTION SCHEDULES FOR ELECTRICAL APPLIANCES

The Customer's FPL controlled appliances and Thermostat controlled appliances shall be subject to scheduled interruption by the Company only during the following periods except as noted below:

April 1 through October 31:	2 p.m. to 10 p.m.
November 1 through March 31:	5 a.m. to 11 a.m. 4 p.m. to 10 p.m.

The interruption schedules applicable for each appliance are as follows:

1. Conventional electric water heating equipment may be interrupted up to, but not to exceed, 240 minutes per day.

2. Central electric air conditioning equipment may be interrupted an accumulated total of 15 minutes during any 30 minute period with a cumulative interruption time of up to 180 minutes per day. If normal operation of the Program is not able to provide sufficient demand reduction to divert an emergency situation, central electric air conditioners may be interrupted for 17.5 minutes during any 30 minute period with a cumulative interruption time of up to 210 minutes per day.

3. Swimming pool pump equipment may be interrupted up to, but not to exceed, 240 minutes per day.

4. Central electric space heating equipment may be interrupted an accumulated total of 15 minutes during any 30 minute period with a cumulative interruption time of up to 180 minutes per day.

The limitations on interruptions of electrical equipment above, or the Thermostat Pilot Project participant's option to override FPL's interruptions of their Thermostat controlled appliances, shall not apply during emergencies on the Company's system or to interruptions caused by force majeure or other causes beyond the control of the Company.

TERM OF SERVICE

During service under this Rate Schedule, a Thermostat Pilot Project participant may change the selection of electrical appliances connected to the load management equipment, or discontinue service under this Rate Schedule, by giving the Company 7 days advance notice. If the Thermostat Pilot Project participant requests to have one or more appliances removed from participation in the RLT, the Customer will be ineligible to participate with such appliance(s) again in the RLT, or FPL's On-Call Program, for one year (12 months) from the time participation in the RLT ended. Additionally, at the sole option of the Company, the Company may recover the programmable thermostat from the Customer's premise.

SPECIAL PROVISIONS

1. The Company shall not be required to install load management equipment if the installation can not be economically justified for reasons such as: excessive installation costs, oversized/undersized heating or cooling equipment or abnormal utilization of equipment, including vacation or other limited occupancy residences.

2. Billing under this Rate Schedule will commence upon the installation and completion of required inspections of the load management equipment.

3. Multiple units of any particular appliance type must all be connected with load management equipment to qualify for the credit attributable to that appliance type. In such circumstances, only a single credit for that appliance type will be applied. Pool sweeps, when coupled with pool pumps, are included in this category.

(Continued on Sheet No. 8.222)

(Continued from Sheet No. 8.221)

4. Installation of the load management equipment at the Customer's premise is to be the sole responsibility of a licensed, independent contractor. The Customer agrees that the Company shall not be liable for any damages or injuries that may occur as a result of the interruption or restoration of electric service pursuant to the terms of this Rate Schedule.

5. The following types of water heaters are ineligible for participation in the RLT: solar water heaters, heat recovery units and heat pump water heaters.

6. If the Company determines that the Customer no longer uses one or more of the appliances signed up for RLT participation, then the Company has the right to remove the appropriate load management equipment and to discontinue the applicable credits.

7. The Customer shall give the Company and the licensed, independent contractor reasonable access for installing, maintaining, testing and removing the Company's load management equipment, and for verifying that the equipment effectively controls the Customer's appliances as intended by this Rate Schedule.

8. If the Company determines that the effect of equipment interruptions has been offset by the Customer's use of supplementary or alternative electrical equipment, then service under this Rate Schedule may be discontinued and the Customer billed for all prior Monthly Credits received under this Rate Schedule over a period not to exceed six (6) months.

9. If the Company determines that its load management equipment at the Customer's premise has been rendered ineffective by mechanical, electrical or other devices or actions ("tampering"), then the Company may discontinue the Customer's participation in the RLT and bill for all expenses involved in removal of the load management equipment, plus applicable investigative charges. The Company may rebill all prior Monthly Credits received by the Customer from an established tampering date. If such a date can not be established, then rebilling of the Monthly Credits shall be for the lesser of the number of months receiving service under this Rate Schedule or the previous twelve (12) months.

APPENDIX C

INPUT DATA – PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: Residential Programable Thermostat

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	1.19	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.61	kW
(3) kW LINE LOSS PERCENTAGE	9.57	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	260.97	kWh ****
(5) kWh LINE LOSS PERCENTAGE	7.46	%
(6) GROUP LINE LOSS MULTIPLIER	1.00	
(7) CUSTOMER kWh INCREASE AT METER	148.36	kWh ****

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25	YEARS
(2) GENERATOR ECONOMIC LIFE	25	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.62107	
(5) K FACTOR FOR T & D	1.92296	

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	***	$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	***	$/CUST
(3) UTILITY COST ESCALATION RATE	***	%**
(4) CUSTOMER EQUIPMENT COST	***	$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	***	%**
(6) CUSTOMER O & M COST	***	$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	***	%**
* (8) INCREASED SUPPLY COSTS	***	$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	***	%**
^ (10) UTILITY DISCOUNT RATE	8.82	%
* (11) UTILITY AFUDC RATE	7.47	%
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	***	$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	***	$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	***	%

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2007	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2011	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2010-2011	
(4) BASE YEAR AVOIDED GENERATING COST	656.90	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	147.00	$/kW
(6) BASE YEAR DISTRIBUTION COST	17.27	$/kW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	30.36	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.61	%**
(10) TRANSMISSION FIXED O & M COST	2.68	$/kW
(11) DISTRIBUTION FIXED O & M COST	0.95	$/kW
(12) T&D FIXED O&M ESCALATION RATE	3.61	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.050	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.61	%**
(15) GENERATOR CAPACITY FACTOR	3%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.55	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	7.97	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	***	CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	***	%
(3) DEMAND CHARGE IN CUSTOMER BILL	***	$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	***	%

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2
**** THIS IS A LOAD SHIFTING PROGRAM. VALUE SHOWN IN ITEM (4) IS ANNUAL KWH/CUST SHIFTED AWAY FROM PEAK HRS. VALUE SHOWN IN ITEM (7) IS ANNUAL KWH/CUST THAT IS PAID BACK DURING OFF-PEAK.

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential Programmable Thermostat**

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2007	0	0	0	0	0	0	0	0	0	0
2008	1,632	14	0	1,647	90	0	0	0	0	0
2009	4,630	57	0	4,687	331	0	0	0	0	0
2010	6,945	105	0	7,049	591	0	0	0	0	0
2011	5,417	124	0	5,541	653	0	0	0	0	0
2012	5,108	124	0	5,232	662	0	0	0	0	0
2013	4,300	124	0	4,424	689	0	0	0	0	0
2014	3,066	124	0	3,190	705	0	0	0	0	0
2015	2,252	124	0	2,376	727	0	0	0	0	0
2016	2,132	124	0	2,256	776	0	0	0	0	0
2017	2,035	124	0	2,159	813	0	0	0	0	0
2018	2,091	124	0	2,215	859	0	0	0	0	0
2019	2,149	124	0	2,273	906	0	0	0	0	0
2020	2,208	124	0	2,332	938	0	0	0	0	0
2021	2,269	124	0	2,393	957	0	0	0	0	0
2022	2,331	124	0	2,455	979	0	0	0	0	0
2023	2,395	124	0	2,519	999	0	0	0	0	0
2024	6,311	124	0	6,434	1,023	0	0	0	0	0
2025	7,926	124	0	8,050	1,039	0	0	0	0	0
2026	6,989	124	0	7,112	1,066	0	0	0	0	0
2027	6,640	124	0	6,763	1,092	0	0	0	0	0
2028	6,321	124	0	6,444	1,116	0	0	0	0	0
2029	4,429	124	0	4,553	1,138	0	0	0	0	0
2030	3,376	124	0	3,500	1,164	0	0	0	0	0
2031	3,202	124	0	3,325	1,189	0	0	0	0	0
NOM	96,154	2,775	0	98,929	20,500	0	0	0	0	0
NPV	38,146	1,047	0	39,193	6,988	0	0	0	0	0

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: **Residential Programable Thermostat**

YEAR	(2) BEG-YEAR RATE BASE $(000)	(3) DEBT $(000)	(4) PREFERRED STOCK $(000)	(5) COMMON EQUITY $(000)	(6) INCOME TAXES $(000)	(7) PROPERTY TAX $(000)	(8) PROPERTY INSURANCE $(000)	(9) DEPREC. $(000)	(10) DEFERRED TAXES $(000)	(11) TOTAL FIXED CHARGES $(000)	(12) PRESENT WORTH FIXED CHARGES $(000)	(13) CUMULATIVE PW FIXED CHARGES $(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE $(000)
2011	33,283	1,033	0	2,151	1,395	632	158	1,316	(16)	6,669	6,669	6,669	32,901
2012	31,983	993	0	2,067	904	605	163	1,316	422	6,470	5,946	12,615	33,888
2013	30,245	939	0	1,955	902	579	168	1,316	354	6,212	5,246	17,861	34,905
2014	28,575	887	0	1,847	897	553	173	1,316	291	5,963	4,628	22,488	35,952
2015	26,968	837	0	1,743	891	526	178	1,316	232	5,723	4,081	26,570	37,031
2016	25,420	789	0	1,643	882	500	183	1,316	178	5,491	3,599	30,168	38,141
2017	23,927	743	0	1,546	872	474	189	1,316	127	5,267	3,172	33,340	39,286
2018	22,483	698	0	1,453	859	447	194	1,316	81	5,050	2,794	36,134	40,464
2019	21,086	655	0	1,363	810	421	200	1,316	74	4,839	2,461	38,595	41,678
2020	19,696	612	0	1,273	754	395	206	1,316	74	4,629	2,163	40,758	42,929
2021	18,307	568	0	1,183	698	368	212	1,316	74	4,419	1,898	42,656	44,216
2022	16,917	525	0	1,093	641	342	219	1,316	74	4,210	1,662	44,318	45,543
2023	15,527	482	0	1,003	585	316	225	1,316	74	4,001	1,451	45,769	46,909
2024	14,138	439	0	914	528	290	232	1,316	74	3,792	1,264	47,033	48,317
2025	12,748	396	0	824	472	263	239	1,316	74	3,583	1,097	48,130	49,766
2026	11,358	353	0	734	416	237	246	1,316	74	3,375	950	49,080	51,259
2027	9,969	310	0	644	359	211	253	1,316	74	3,167	819	49,899	52,797
2028	8,579	266	0	554	303	184	261	1,316	74	2,959	703	50,602	54,381
2029	7,190	223	0	465	246	158	269	1,316	74	2,751	601	51,203	56,012
2030	5,800	180	0	375	190	132	277	1,316	74	2,543	510	51,713	57,692
2031	4,410	137	0	285	416	105	285	1,316	(208)	2,336	431	52,144	59,423
2032	3,303	103	0	213	653	79	294	1,316	(490)	2,167	367	52,511	61,206
2033	2,477	77	0	160	619	53	303	1,316	(490)	2,037	317	52,828	63,042
2034	1,651	51	0	107	586	26	312	1,316	(490)	1,907	273	53,101	64,933
2035	825	26	0	53	552	0	321	1,316	(490)	1,778	234	53,335	66,881

IN SERVICE COST ($000)	32,901
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	45%	6.90	%
P/S	0%	0.00	%
C/S	55%	11.75	%

K-FACTOR = CPWFC / IN-SVC COST = 1.62107

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential Programable Thermostat**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRRCIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFRRRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2011	3.75%	1,229	1,229	1,316	1,316	1,271	1,271	(16)	1,124	0	0	0	(16)	(398)
2012	7.22%	2,365	3,594	1,316	2,632	1,271	2,542	422	1,124	0	0	0	422	24
2013	6.68%	2,188	5,782	1,316	3,948	1,271	3,813	354	1,124	0	0	0	354	378
2014	6.18%	2,025	7,807	1,316	5,264	1,271	5,084	291	1,124	0	0	0	291	669
2015	5.71%	1,872	9,679	1,316	6,580	1,271	6,355	232	1,124	0	0	0	232	900
2016	5.29%	1,732	11,410	1,316	7,896	1,271	7,626	178	1,124	0	0	0	178	1,078
2017	4.89%	1,602	13,012	1,316	9,212	1,271	8,898	127	1,124	0	0	0	127	1,206
2018	4.52%	1,482	14,494	1,316	10,528	1,271	10,169	81	1,124	0	0	0	81	1,287
2019	4.46%	1,462	15,956	1,316	11,844	1,271	11,440	74	1,124	0	0	0	74	1,361
2020	4.46%	1,462	17,417	1,316	13,160	1,271	12,711	74	1,124	0	0	0	74	1,434
2021	4.46%	1,462	18,879	1,316	14,477	1,271	13,982	74	1,124	0	0	0	74	1,508
2022	4.46%	1,462	20,341	1,316	15,793	1,271	15,253	74	1,124	0	0	0	74	1,581
2023	4.46%	1,462	21,803	1,316	17,109	1,271	16,524	74	1,124	0	0	0	74	1,655
2024	4.46%	1,462	23,265	1,316	18,425	1,271	17,795	74	1,124	0	0	0	74	1,728
2025	4.46%	1,462	24,727	1,316	19,741	1,271	19,066	74	1,124	0	0	0	74	1,802
2026	4.46%	1,462	26,189	1,316	21,057	1,271	20,337	74	1,124	0	0	0	74	1,876
2027	4.46%	1,462	27,651	1,316	22,373	1,271	21,608	74	1,124	0	0	0	74	1,949
2028	4.46%	1,462	29,112	1,316	23,689	1,271	22,879	74	1,124	0	0	0	74	2,023
2029	4.46%	1,462	30,574	1,316	25,005	1,271	24,151	74	1,124	0	0	0	74	2,096
2030	4.46%	1,462	32,036	1,316	26,321	1,271	25,422	74	1,124	0	0	0	74	2,170
2031	2.23%	731	32,767	1,316	27,637	1,271	26,693	(208)	1,124	0	0	0	(208)	1,962
2032	0.00%	0	32,767	1,316	28,953	1,271	27,964	(490)	1,124	0	0	0	(490)	1,471
2033	0.00%	0	32,767	1,316	30,269	1,271	29,235	(490)	1,124	0	0	0	(490)	981
2034	0.00%	0	32,767	1,316	31,585	1,271	30,506	(490)	1,124	0	0	0	(490)	491
2035	0.00%	0	32,767	1,316	32,901	1,271	31,777	(490)	1,124	0	0	0	(490)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(381)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1,124
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: Residential Programable Thermostat

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2011	3.75%	1,229	(16)	31,585	1,316	(398)	33,283	31,983	32,633
2012	7.22%	2,365	422	30,269	2,632	24	31,983	30,245	31,114
2013	6.68%	2,188	354	28,953	3,948	378	30,245	28,575	29,410
2014	6.18%	2,025	291	27,637	5,264	669	28,575	26,968	27,772
2015	5.71%	1,872	232	26,321	6,580	900	26,968	25,420	26,194
2016	5.29%	1,732	178	25,005	7,896	1,078	25,420	23,927	24,674
2017	4.89%	1,602	127	23,689	9,212	1,206	23,927	22,483	23,205
2018	4.52%	1,482	81	22,373	10,528	1,287	22,483	21,086	21,785
2019	4.46%	1,462	74	21,057	11,844	1,361	21,086	19,696	20,391
2020	4.46%	1,462	74	19,741	13,160	1,434	19,696	18,307	19,001
2021	4.46%	1,462	74	18,425	14,477	1,508	18,307	16,917	17,612
2022	4.46%	1,462	74	17,109	15,793	1,581	16,917	15,527	16,222
2023	4.46%	1,462	74	15,793	17,109	1,655	15,527	14,138	14,833
2024	4.46%	1,462	74	14,477	18,425	1,728	14,138	12,748	13,443
2025	4.46%	1,462	74	13,160	19,741	1,802	12,748	11,358	12,053
2026	4.46%	1,462	74	11,844	21,057	1,876	11,358	9,969	10,664
2027	4.46%	1,462	74	10,528	22,373	1,949	9,969	8,579	9,274
2028	4.46%	1,462	74	9,212	23,689	2,023	8,579	7,190	7,884
2029	4.46%	1,462	74	7,896	25,005	2,096	7,190	5,800	6,495
2030	4.46%	1,462	74	6,580	26,321	2,170	5,800	4,410	5,105
2031	2.23%	731	(208)	5,264	27,637	1,962	4,410	3,303	3,856
2032	0.00%	0	(490)	3,948	28,953	1,471	3,303	2,477	2,890
2033	0.00%	0	(490)	2,632	30,269	981	2,477	1,651	2,064
2034	0.00%	0	(490)	1,316	31,585	491	1,651	825	1,238
2035	0.00%	0	(490)	0	32,901	0	825	0	412

* Column not specified in workbook

(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	NO.YEARS BEFORE IN-SERVICE	PLANT ESCALATION RATE	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL SPENDING ($/kW)	CUMULATIVE AVERAGE SPENDING ($/kW)
2007	-4	0.00%	1.000	0.00%	0.00	0.00
2008	-3	3.00%	1.030	0.00%	0.00	0.00
2009	-2	3.00%	1.061	18.56%	129.37	64.68
2010	-1	3.00%	1.093	63.95%	459.05	358.89

12.06691442

				82.52%	588.42							
YEAR	NO.YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC ($/kW)	(8a)* DEBT AFUDC ($/kW)	(8b)* CUMULATIVE DEBT AFUDC ($/kW)	(9) YEARLY TOTAL AFUDC ($/kW)	(9a)* CUMULATIVE TOTAL AFUDC ($/kW)	(9b)* CONSTRUCTION PERIOD INTEREST ($/kW)	(9c)* CUMULATIVE CPI ($/kW)	(9d)* DEFERRED TAXES ($/kW)	(9e)* CUMULATIVE DEFERRED TAXES ($/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE ($/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE ($/kW)
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	-2	64.68	1.64	1.64	4.83	4.83	4.46	4.46	(1.09)	(1.09)	134.20	134.20
2010	-1	363.72	9.24	10.88	27.25	32.08	25.07	29.53	(6.11)	(7.19)	486.31	620.50

			10.88		32.08		29.53		(7.19)		620.50	

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	656.8973782
AFUDC RATE	7.47%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	31,200	31,200	31,200
EQUITY AFUDC	1,124		
DEBT AFUDC	577	577	
CPI			1,566
TOTAL	32,901	31,777	32,766

* Column not specified in workbook

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: **Residential Programable Thermostat**

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2007	0	0	7.43	8.56	7.43	0.00	1.00	0.33
2008	7,600	7,600	7.47	8.44	7.59	0.00	1.00	2.67
2009	22,840	22,840	6.19	8.03	6.23	0.00	1.00	1.00
2010	33,000	33,000	6.22	8.07	6.26	0.00	1.00	1.00
2011	33,000	33,000	5.65	7.49	5.69	14.86	1.00	1.00
2012	33,000	33,000	6.16	8.04	6.20	10.82	1.00	1.00
2013	33,000	33,000	6.41	8.19	6.45	10.44	1.00	1.00
2014	33,000	33,000	6.41	8.57	6.45	9.06	1.00	1.00
2015	33,000	33,000	6.55	9.09	6.59	11.92	1.00	1.00
2016	33,000	33,000	7.06	9.81	7.10	13.61	1.00	1.00
2017	33,000	33,000	7.51	10.45	7.55	10.08	1.00	1.00
2018	33,000	33,000	7.82	11.17	7.86	13.82	1.00	1.00
2019	33,000	33,000	8.03	11.81	8.06	15.37	1.00	1.00
2020	33,000	33,000	8.58	12.76	8.62	13.59	1.00	1.00
2021	33,000	33,000	9.10	13.36	9.15	17.15	1.00	1.00
2022	33,000	33,000	9.13	13.79	9.17	15.04	1.00	1.00
2023	33,000	33,000	9.34	14.20	9.38	13.73	1.00	1.00
2024	33,000	33,000	9.55	14.66	9.59	14.26	1.00	1.00
2025	33,000	33,000	9.80	15.18	9.84	15.64	1.00	1.00
2026	33,000	33,000	10.07	15.53	10.11	14.87	1.00	1.00
2027	33,000	33,000	10.33	15.80	10.37	14.82	1.00	1.00
2028	33,000	33,000	10.56	16.33	10.60	15.86	1.00	1.00
2029	33,000	33,000	10.87	16.71	10.91	15.30	1.00	1.00
2030	33,000	33,000	11.20	17.27	11.24	17.09	1.00	1.00
2031	33,000	33,000	11.44	17.59	11.48	17.56	1.00	1.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential Programable Thermostat**

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST $(000)	(3) AVOIDED GEN UNIT FIXED O&M $(000)	(4) AVOIDED GEN UNIT VARIABLE O&M $(000)	(5) AVOIDED GEN UNIT FUEL COST $(000)	(6) REPLACEMENT FUEL COST $(000)	(7) AVOIDED GEN UNIT BENEFITS $(000)
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	6,669	1,865	6	785	1,781	7,544
2012	6,470	1,937	12	1,537	2,352	7,604
2013	6,212	2,011	13	1,619	2,473	7,382
2014	5,963	2,084	13	1,497	1,987	7,570
2015	5,723	2,156	16	2,014	3,283	6,627
2016	5,491	2,228	27	3,726	6,228	5,244
2017	5,267	2,303	41	5,791	6,838	6,564
2018	5,050	2,383	46	6,486	10,231	3,733
2019	4,839	2,466	37	5,409	8,966	3,784
2020	4,629	2,552	41	6,509	8,772	4,959
2021	4,419	2,642	67	10,584	17,514	199
2022	4,210	2,737	53	8,495	12,050	3,445
2023	4,001	2,833	53	8,542	10,782	4,648
2024	3,792	2,934	54	8,747	11,111	4,415
2025	3,583	3,038	52	8,521	11,486	3,708
2026	3,375	3,146	48	7,886	9,831	4,623
2027	3,167	3,258	41	6,798	8,251	5,013
2028	2,959	3,375	40	6,754	8,500	4,628
2029	2,751	3,497	38	6,534	7,656	5,163
2030	2,543	3,623	42	7,195	9,145	4,257
2031	2,336	3,754	36	6,304	7,993	4,437
NOM	93,449	56,822	776	121,732	167,231	105,548
NPV	37,185	17,809	225	33,951	48,310	40,861

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : Residential Programable Thermostat

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	240	122
2009	416	35	452	36	9	45	366	152
2010	1,265	110	1,374	110	29	139	674	280
2011	1,818	165	1,983	158	43	202	747	301
2012	1,762	171	1,933	153	45	198	796	328
2013	1,705	178	1,883	148	47	195	804	341
2014	1,651	184	1,835	144	48	192	857	341
2015	1,598	190	1,789	139	50	189	922	349
2016	1,548	197	1,745	135	52	186	996	376
2017	1,499	203	1,702	131	53	184	1,062	400
2018	1,451	210	1,662	126	55	182	1,147	416
2019	1,404	218	1,622	122	57	179	1,225	428
2020	1,357	225	1,582	118	59	177	1,329	457
2021	1,310	233	1,543	114	61	175	1,386	485
2022	1,262	242	1,504	110	63	173	1,445	486
2023	1,215	250	1,465	106	66	172	1,491	497
2024	1,168	259	1,427	102	68	170	1,544	509
2025	1,121	268	1,389	98	70	168	1,604	522
2026	1,074	278	1,351	93	73	166	1,638	536
2027	1,026	288	1,314	89	76	165	1,662	550
2028	979	298	1,277	85	78	164	1,724	562
2029	933	309	1,242	81	81	162	1,760	579
2030	892	320	1,212	78	84	162	1,821	597
2031	858	331	1,190	75	87	162	1,853	609
NOM.	29,313	5,160	34,473	2,553	1,356	3,908	29,092	10,225
NPV	11,988	1,687	13,675	1,044	443	1,487	9,435	3,488

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: Residential Programable Thermostat

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2007	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	1,632	0	0	1,632	0	0	118	0	118	(1,515)	(1,392)
2009	0	4,630	0	0	4,630	0	497	214	0	711	(3,919)	(4,702)
2010	0	6,945	0	0	6,945	0	1,513	394	0	1,907	(5,038)	(8,611)
2011	0	5,417	0	0	5,417	7,544	2,184	446	0	10,174	4,757	(5,219)
2012	0	5,108	0	0	5,108	7,604	2,131	468	0	10,203	5,095	(1,880)
2013	0	4,300	0	0	4,300	7,382	2,078	463	0	9,922	5,622	1,506
2014	0	3,066	0	0	3,066	7,570	2,027	515	0	10,111	7,046	5,405
2015	0	2,252	0	0	2,252	6,627	1,978	574	0	9,178	6,926	8,927
2016	0	2,132	0	0	2,132	5,244	1,931	621	0	7,796	5,664	11,574
2017	0	2,035	0	0	2,035	6,564	1,886	662	0	9,112	7,078	14,613
2018	0	2,091	0	0	2,091	3,733	1,843	730	0	6,306	4,215	16,276
2019	0	2,149	0	0	2,149	3,784	1,801	797	0	6,383	4,233	17,812
2020	0	2,208	0	0	2,208	4,959	1,759	872	0	7,590	5,382	19,605
2021	0	2,269	0	0	2,269	199	1,718	901	0	2,817	549	19,773
2022	0	2,331	0	0	2,331	3,445	1,677	959	0	6,081	3,750	20,829
2023	0	2,395	0	0	2,395	4,648	1,637	993	0	7,278	4,883	22,092
2024	0	6,311	0	0	6,311	4,415	1,597	1,035	0	7,047	737	22,267
2025	0	7,926	0	0	7,926	3,708	1,557	1,082	0	6,347	(1,579)	21,922
2026	0	6,989	0	0	6,989	4,623	1,518	1,101	0	7,242	254	21,973
2027	0	6,640	0	0	6,640	5,013	1,479	1,112	0	7,604	964	22,151
2028	0	6,321	0	0	6,321	4,628	1,441	1,162	0	7,230	910	22,305
2029	0	4,429	0	0	4,429	5,163	1,404	1,181	0	7,749	3,320	22,822
2030	0	3,376	0	0	3,376	4,257	1,373	1,224	0	6,855	3,479	23,320
2031	0	3,202	0	0	3,202	4,437	1,351	1,244	0	7,032	3,831	23,824
NOM	0	96,154	0	0	96,154	105,548	38,382	18,867	0	162,797	66,642	
NPV	0	38,146	0	0	38,146	40,861	15,162	5,947	0	61,970	23,824	

Discount Rate: 8.82 %
Benefit/Cost Ratio (Col(11) / Col(6)) : 1.62

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: Residential Programable Thermostat

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2007	0	0	0	0	0	0	0	0	0	0	0
2008	147	0	14	0	161	0	0	0	0	161	148
2009	543	0	57	0	600	0	0	0	0	600	655
2010	969	0	105	0	1,074	0	0	0	0	1,074	1,488
2011	1,071	0	124	0	1,194	0	0	0	0	1,194	2,340
2012	1,085	0	124	0	1,209	0	0	0	0	1,209	3,132
2013	1,129	0	124	0	1,253	0	0	0	0	1,253	3,886
2014	1,156	0	124	0	1,280	0	0	0	0	1,280	4,595
2015	1,192	0	124	0	1,315	0	0	0	0	1,315	5,263
2016	1,272	0	124	0	1,395	0	0	0	0	1,395	5,916
2017	1,332	0	124	0	1,456	0	0	0	0	1,456	6,541
2018	1,407	0	124	0	1,531	0	0	0	0	1,531	7,145
2019	1,486	0	124	0	1,610	0	0	0	0	1,610	7,729
2020	1,538	0	124	0	1,662	0	0	0	0	1,662	8,283
2021	1,569	0	124	0	1,692	0	0	0	0	1,692	8,801
2022	1,605	0	124	0	1,729	0	0	0	0	1,729	9,288
2023	1,638	0	124	0	1,762	0	0	0	0	1,762	9,743
2024	1,677	0	124	0	1,800	0	0	0	0	1,800	10,171
2025	1,703	0	124	0	1,827	0	0	0	0	1,827	10,570
2026	1,747	0	124	0	1,871	0	0	0	0	1,871	10,946
2027	1,790	0	124	0	1,914	0	0	0	0	1,914	11,299
2028	1,830	0	124	0	1,953	0	0	0	0	1,953	11,630
2029	1,865	0	124	0	1,989	0	0	0	0	1,989	11,939
2030	1,907	0	124	0	2,031	0	0	0	0	2,031	12,230
2031	1,949	0	124	0	2,073	0	0	0	0	2,073	12,503
NOM	33,606	0	2,775	0	36,381	0	0	0	0	36,381	
NPV	11,456	0	1,047	0	12,503	0	0	0	0	12,503	

In Service of Gen Unit:	2011	
Discount Rate :	8.82	%
Benefit/Cost Ratio (Col(6) / Col(10))	Infinite	

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential Programable Thermostat**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2007	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	1,632	14	90	0	1,736	118	0	0	0	118	(1,618)	(1,487)
2009	0	4,630	57	331	0	5,018	214	497	0	0	711	(4,307)	(5,125)
2010	0	6,945	105	591	0	7,641	394	1,513	0	0	1,907	(5,734)	(9,574)
2011	0	5,417	124	653	0	6,194	7,990	2,184	0	0	10,174	3,980	(6,736)
2012	0	5,108	124	662	0	5,894	8,072	2,131	0	0	10,203	4,309	(3,912)
2013	0	4,300	124	689	0	5,113	7,844	2,078	0	0	9,922	4,809	(1,016)
2014	0	3,066	124	705	0	3,895	8,085	2,027	0	0	10,111	6,217	2,425
2015	0	2,252	124	727	0	3,102	7,200	1,978	0	0	9,178	6,075	5,514
2016	0	2,132	124	776	0	3,032	5,865	1,931	0	0	7,796	4,764	7,740
2017	0	2,035	124	813	0	2,971	7,226	1,886	0	0	9,112	6,141	10,378
2018	0	2,091	124	859	0	3,073	4,463	1,843	0	0	6,306	3,233	11,654
2019	0	2,149	124	906	0	3,179	4,582	1,801	0	0	6,383	3,203	12,815
2020	0	2,208	124	938	0	3,270	5,831	1,759	0	0	7,590	4,320	14,255
2021	0	2,269	124	957	0	3,350	1,099	1,718	0	0	2,817	(532)	14,092
2022	0	2,331	124	979	0	3,434	4,404	1,677	0	0	6,081	2,647	14,837
2023	0	2,395	124	999	0	3,518	5,642	1,637	0	0	7,278	3,760	15,810
2024	0	6,311	124	1,023	0	7,457	5,451	1,597	0	0	7,047	(410)	15,712
2025	0	7,926	124	1,039	0	9,089	4,790	1,557	0	0	6,347	(2,742)	15,113
2026	0	6,989	124	1,066	0	8,178	5,724	1,518	0	0	7,242	(936)	14,926
2027	0	6,640	124	1,092	0	7,855	6,125	1,479	0	0	7,604	(251)	14,879
2028	0	6,321	124	1,116	0	7,560	5,790	1,441	0	0	7,230	(330)	14,823
2029	0	4,429	124	1,138	0	5,690	6,345	1,404	0	0	7,749	2,059	15,144
2030	0	3,376	124	1,164	0	4,664	5,482	1,373	0	0	6,855	2,192	15,458
2031	0	3,202	124	1,189	0	4,514	5,681	1,351	0	0	7,032	2,518	15,789
NOM	0	96,154	2,775	20,500	0	119,429	124,415	38,382	0	0	162,797	43,368	
NPV	0	38,146	1,047	6,988	0	46,181	46,808	15,162	0	0	61,970	15,789	

Discount Rate 8.82 %

Benefit/Cost Ratio (Col(12) / Col(7)) : 1.34

	A	B	C	D	E	F	G	H	I	J	K
1	Program Name:		Residential Programable Thermostat								Rev:9/18/96
2	Generator and T&D Cost File:		[redacted]		CPF96			Input File Revision			
3	Financial Assumptions File:		[redacted]								
4								COSTS:			
5	Base Year		[redacted]		Billing KW by month						
6	Summer KW Red. @mtr (System / Billing)		1.200		[redacted]	0.0000		Util non-rec. cost/part		-	$/cust
7	Winter KW Red. @mtr (System / Billing)		1.140		[redacted]	0.0000		Util rec. cost/part./yr		$0.00	$/cust/yr
8	Annual KWH Red @mtr		242	kWh	[redacted]	0.0000		Part. equip. cost		-	$/cust
9	KW Rebound Factor		[redacted]	%	[redacted]	0.0000		Part. O&M cost		-	$/cust/yr
10	KWH Rebound Factor		[redacted]	%	[redacted]	0.0000		Util non-rec. rebate		-	$/cust
11	Load-shifting%		[redacted]	%	[redacted]	0.0000		Util rec. rebate		[redacted]	$/cust/yr
12	Rate Class		RS		[redacted]	0.0000					
13	Rate Class Prior To DSM		RS		[redacted]	0.0000		Load Control Data:			
14	Life Cycle		15	years	[redacted]	0.0000		Computer Capital Equipment		[redacted]	$/cust
15					[redacted]	0.0000		Substation Capital Equipment		[redacted]	$/cust
16	Calculate costs?		[redacted]	Calculate	[redacted]	0.0000		Transponder Capital Equipment		[redacted]	$/cust
17					[redacted]	0.0000		Monitoring Capital Cost		[redacted]	$/cust
18	Participants for Year		2007	[redacted]				Replacement Install Cost		[redacted]	$/cust
19	Participants for Year		2008	[redacted]				Administrative Cost		[redacted]	$/cust
20	Participants for Year		2009	[redacted]				Moved or Drop-Off Customers		[redacted]	
21	Participants for Year		2010	[redacted]				%Admin Cost for Moving Cust		[redacted]	
22	Participants for Year		2011	[redacted]				Transponder Failure Rate		[redacted]	
23	Participants for Year		2012	[redacted]							
24	Participants for Year		2013	[redacted]				Carrying Charge Rates For Capital Investments:			
25	Participants for Year		2014	[redacted]					Substations		
26	Participants for Year		2015	[redacted]					Transponders		Computer
27	Participants for Year		2016	[redacted]					& End Use		Equipment
28	Participants for Year		2017	[redacted]					[redacted]		[redacted]
29	Participants for Year		2018	[redacted]					[redacted]		[redacted]
30									[redacted]		[redacted]
31				kWh	kW				[redacted]		[redacted]
32	Effectiveness for Year		2007	0.33	1.00				[redacted]		[redacted]
33	Effectiveness for Year		2008	2.67	1.00				[redacted]		[redacted]
34	Effectiveness for Year		2009	1.00	1.00						
35	Effectiveness for Year		2010	1.00	1.00						
36	Effectiveness for Year		2011	1.00	1.00						
37	Effectiveness for Year		2012	1.00	1.00						
38	Effectiveness for Year		2013	1.00	1.00						
39	Effectiveness for Year		2014	1.00	1.00						
40	Effectiveness for Year		2015	1.00	1.00						
41	Effectiveness for Year		2016	1.00	1.00						
42	Effectiveness for Year		2017	1.00	1.00						
43	Effectiveness for Year		2018	1.00	1.00						
44	Effectiveness for Year		2019	1.00	1.00						
45	Effectiveness for Year		2020	1.00	1.00						
46	Effectiveness for Year		2021	1.00	1.00						
47	Effectiveness for Year		2022	1.00	1.00						
48	Effectiveness for Year		2023	1.00	1.00						
49	Effectiveness for Year		2024	1.00	1.00						
50	Effectiveness for Year		2025	1.00	1.00						
51	Effectiveness for Year		2026	1.00	1.00						
52	Effectiveness for Year		2027	1.00	1.00						
53	Effectiveness for Year		2028	1.00	1.00						
54	Effectiveness for Year		2029	1.00	1.00						
55	Effectiveness for Year		2030	1.00	1.00						
56	Effectiveness for Year		2031	1.00	1.00						

costs

YEAR	UTILITY PROGRAM COSTS WITHOUT INCENTIVES ($000)	UTILITY INCENTIVES ($000)	OTHER CHARGES ($000)	ENERGY DEMAND REVENUE LOSSES ($000)	OTHER REVENUE LOSSES ($000)	CHARGE EQUIPMENT COSTS ($000)	PARTICIPANT O&M COSTS ($000)	PARTICIPANT OTHER COSTS ($000)	
2007	0	0	0	0	0	0	0	0	
2008	1 632	14	0	90	0	0	0	0	
2009	4 630	57	0	331	0	0	0	0	
2010	6 945	105	0	591	0	0	0	0	
2011	5,417	124	0	653	0	0	0	0	
2012	5,108	124	0	662	0	0	0	0	
2013	4 300	124	0	689	0	0	0	0	
2014	3 066	124	0	705	0	0	0	0	
2015	2 252	124	0	727	0	0	0	0	
2016	2 132	124	0	776	0	0	0	0	
2017	2,035	124	0	813	0	0	0	0	
2018	2,091	124	0	859	0	0	0	0	
2019	2,149	124	0	906	0	0	0	0	
2020	2,208	124	0	938	0	0	0	0	
2021	2,269	124	0	957	0	0	0	0	
2022	2,331	124	0	979	0	0	0	0	
2023	2,395	124	0	999	0	0	0	0	
2024	6 311	124	0	1,023	0	0	0	0	
2025	7 926	124	0	1,039	0	0	0	0	
2026	6 989	124	0	1 066	0	0	0	0	
2027	6 640	124	0	1 092	0	0	0	0	
2028	6 321	124	0	1 116	0	0	0	0	
2029	4,429	124	0	1 138	0	0	0	0	
2030	3,376	124	0	1,164	0	0	0	0	
2031	3,202	124	0	1,189	0	0	0	0	
2032	0	0	0	1 215	0	0	0	0	
2033	0	0	0	0	0	0	0	0	
2034	0	0	0	0	0	0	0	0	
2035	0	0	0	0	0	0	0	0	
2036	0	0	0		0	0	0	0	
2037	0	0	0		0	0	0	0	
2038	0	0	0		0	0	0	0	
SUM	96,154	2 775	0	21,715	0	0	0	0	Discount Rate
NPV	38,146	1,047	0	7,135	0	0	0	0	8.62%
PLEASE NOTE: These costs will be used regardless of calculation flag.									