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March 18, 2025

-VIA ELECTRONIC FILING-

Adam Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

RE: Docket No. _____: Petition for Approval of Florida Power & Light Company's Demand-Side Management Plan

Dear Mr. Teitzman:

Please find enclosed for filing the Petition for Approval of Florida Power & Light Company's ("FPL's") Demand-Side Management ("DSM") Plan, including Attachment 1 (FPL's proposed DSM Plan with Appendices A and B) and Attachment 2 (tariff sheets, including proposed revisions in both legislative and final formats).

Consistent with direction received from FPSC Staff, FPL will also be submitting to Staff one compact disc containing Appendix B, which includes the individual program cost-effectiveness screening test results in electronic format.

If there are any questions regarding this filing, please contact me at (561) 304-5662.

Sincerely,

/s/ William P. Cox
William P. Cox
Fla. Bar No. 0093531

Enclosure

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of _____)
Florida Power & Light Company's _____)
Demand-Side Management Plan _____)

Docket No. _____

Filed: March 18, 2025

**PETITION FOR APPROVAL OF FLORIDA POWER & LIGHT COMPANY'S
DEMAND-SIDE MANAGEMENT PLAN AND
REQUEST TO MODIFY RESIDENTIAL AND BUSINESS ON CALL TARIFF SHEETS**

Florida Power & Light Company ("FPL"), pursuant to Section 366.82, Florida Statutes, Rules 25-9.001(3), 25-17.0021, and 28-106.201, Florida Administrative Code, and Order No. PSC-2024-0505-FOF-EG (issued Dec. 18, 2024) ("FPL 2024 DSM Goals Order"), petitions the Florida Public Service Commission ("Commission") to approve FPL's Demand-Side Management ("DSM") Plan ("DSM Plan") filed herewith, including the modifications of and additions to the residential On Call tariff sheets, and to authorize FPL to recover through the Energy Conservation Cost Recovery ("ECCR") clause the reasonable and prudent expenditures associated with the implementation of this DSM Plan. In support of this petition, FPL states as follows:

1. FPL is a Florida corporation with headquarters at 700 Universe Boulevard, Juno Beach, Florida 33408. FPL is an investor-owned utility operating under the jurisdiction of this Commission pursuant to the provisions of Chapter 366, Florida Statutes. Any pleading, motion, notice, order, or other document required to be served upon FPL or filed by any party to this proceeding should be served upon the following individuals:

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2. This Petition is being filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency's proposed action. Therefore, subparagraph (c) and portions of subparagraphs (e), (f), and (g) of Rule 28-106.201(2) are not applicable to this Petition. In compliance with subparagraph (d), FPL states that it is not known which, if any, of the issues of material fact set forth in the body of this Petition, or the DSM Plan and attachments filed herewith, may be disputed by others.

3. FPL is subject to the Florida Energy Efficiency and Conservation Act ("FEECA"), Sections 366.80-366.85 and 403.519, Florida Statutes. Pursuant to FEECA and the Commission rules implementing FEECA, FPL is required to file a DSM Plan for Commission approval to meet the new DSM Goals established for FPL by the Commission in the FPL 2024 DSM Goals Order. *See* §366.82(7), Fla. Stat. (2024); Rule 25-17.0021(4), Florida Administrative Code. In Attachment A, Paragraph 6, Issue 12 of the FPL 2024 DSM Goals Order, the Commission established FPL's 2025-2029 DSM Goals for residential and commercial/industrial summer and winter megawatts ("MW") and annual gigawatt hours ("GWh"). FPL is entitled to seek recovery of associated expenditures through the ECCR clause. *See* §366.82(11), Fla. Stat. (2014); Rule 25-17.015, Florida Administrative Code. FPL has a substantial interest in whether the Commission

approves its DSM Plan and authorizes cost recovery for Plan implementation expenditures and customer incentives.

FPL's Proposed DSM Plan

4. FPL's proposed DSM Plan is included as Attachment 1, which is incorporated herein by reference. The subparts of Rule 25-17.0021(4), Florida Administrative Code, setting forth the required information for each proposed program, are satisfied therein. FPL's DSM Plan includes two Appendices: (A) Program Standards and (B) Program-Level Cost-Effectiveness Analyses, using the Commission's approved cost-effectiveness methodology.

5. The DSM Plan offers a comprehensive and wide variety of programs for FPL's customers. It consists of seven residential programs (including two pilot programs), seven business programs, and a Conservation Research and Development ("CRD") program for evaluating new technologies. The residential programs feature energy efficiency and load control programs for both homeowners and renters, including a new weatherization offering for low income customers, a new pilot for low income renters and landlords for high efficiency HVAC equipment, and a new HVAC On-Bill option for the existing residential On Call[®] program that will provide greater customer access to new energy-saving HVAC equipment and at the same time benefit the general body of customers.

6. The HVAC On-Bill option is a new offering for FPL's residential On Call load control program and meets the FEECA requirements to manage peak demand and increase the efficiency of the electric system. Section 366.81, F.S. in FEECA specifically states, "Since solutions to our energy problems are complex, the Legislature intends that the use of solar energy, renewable energy sources, highly efficient systems, cogeneration, and *load-control systems* be encouraged." (emphasis added) Load control program savings come from controlling available

demand on the electric system independent of current energy efficiency standards. The HVAC On-Bill option design is consistent with FPL's longstanding On Call program in this way. It simply enables the customer to pay for a service that includes a new HVAC unit with load control functionality and associated maintenance for a 10, 12, or 15 year term, all paid through a single monthly charge on the customer's bill.

7. Separately, FPL's longstanding Residential HVAC program will continue to offer a rebate to encourage customer adoption of higher efficiency HVAC equipment, *i.e.*, a higher SEER rating than required by the current energy efficiency code. This rebate would be applicable to a customer subscribing to this program if the customer chooses a qualifying system.

8. Consistent with the Commission's recently modified DSM Goals rule (Rule 25-17.0021, F.A.C.), FPL proposed in its 2024 DSM Goals filing the specific programs FPL intended to offer to meet its proposed goals, including the HVAC On-Bill option for the On Call program. FPL responded to numerous Commission Staff interrogatories, production of document requests, and a deposition on this program. While Commission Staff opposed this new option on legal grounds, the Commission ultimately approved FPL's proposed DSM Goals in Order No. PSC-2024-0505-FOF-EG, based on approval of a stipulation of all parties in the docket (Docket No. 20240012-EG), which included the energy savings from the HVAC On-Bill option.

9. Since the Commission's 2024 approval of FPL's DSM Goals for 2025-2034, FPL has met several times with Commission Staff at their request to discuss FPL's proposed HVAC On-Bill option to address a number of aspects of the proposed offering. As a result of those discussions and as a part of this DSM Plan filing, FPL has agreed to make several modifications to certain design elements of the HVAC On-Bill option from what FPL originally proposed, including alignment of the HVAC On-Bill credits with the current residential On Call credits for

HVAC equipment. FPL has also modified the customer's homeowner insurance requirements to eliminate any customer obligation for property insurance and liability for damages to the HVAC equipment caused by force majeure events. Instead, FPL will secure insurance to cover any force majeure loss or damages to the HVAC equipment. The cost of the insurance will be recovered from participants over the life of the service agreement. FPL will ensure customers enrolling in HVAC On-Bill have full awareness of the terms and conditions, including the required payment schedule for the service and costs for early termination of the service agreement, and the monthly charge for the program would be shown as a line item on the customer's electric bill.

10. FPL is also now proposing the HVAC On-Bill option as a five-year pilot to be re-evaluated at the next DSM Goals cycle in 2029. The pilot would be based on (but not limited to) the projected installations previously provided to the Commission. During the term of the pilot period, FPL will report specific information about the pilot annually, as described in the Program Standards (Appendix A).

11. For the business sector, the DSM Plan focuses on improvements to increase adoption for the HVAC and lighting programs and a custom incentive re-designed to incent innovative energy efficiency solutions. All of these programs are cost-effective under either the Rate Impact Measure ("RIM") or Total Resource Cost ("TRC") screening tests and pass the Participant's test.

12. The DSM Plan also includes FPL's Residential Energy Survey and Business Energy Evaluation education programs, which have been foundational components of FPL's DSM portfolio for decades, with over 4.8 million Surveys having been performed since inception through online, phone, and in-person channels. The Surveys provide education on actions customers can take to reduce their electric cost by participating in FPL's DSM programs and also

by taking actions and implementing measures, many at low or no cost, which are not offered as part of FPL's DSM programs.

13. FPL's CRD program is used to research and test potential next-generation technologies to determine if they are appropriate for inclusion in FPL's DSM portfolio. In general, the technologies FPL selects for evaluation must demonstrate a reasonable potential to deliver kW and/or kWh savings cost-effectively within the current DSM Plan's time horizon. Since CRD's inception, FPL has evaluated a wide variety of residential and business technologies, including smart and programmable thermostats and smart electric breakers.

14. The proposed DSM Plan includes modifications of existing On Call tariff sheets and a number of new tariff sheets, primarily related to FPL's new HVAC On-Bill option for the Residential On Call program. The proposed modifications are to add the HVAC On-Bill option to the existing Residential On Call tariff, as well as make several updates and clarifications to this tariff. Specifically, FPL is requesting modifications to its Residential On Call Second Revised Tariff Sheet Nos. 8.217-8.218, as well as to its Index of Rate Schedules Tariff Sheet No. 8.010 and Index of Standard Forms Tariff Sheet No. 9.011. The two new additions are the tariff sheets for the HVAC On-Bill service rider and the HVAC On-Bill service agreement. FPL is requesting approval of new Tariff Sheet Nos. 8.220-8.221 and 9.858-9.866 for those additions. All tariff sheets, including revised sheets in both legislative and proposed final format as applicable, are attached to this Petition as part of Attachment 2.

Conclusion

15. FPL's DSM Plan is designed to achieve the annual DSM Goals established by the Commission in Order No. PSC-2024-0505-FOF-EG. FPL's DSM Plan will reduce the growth rate

of weather-sensitive peak demand, reduce and control the growth rate of energy consumption, and increase conservation and the efficiency of the electrical system, as demonstrated by the data included in Attachment 1. FPL's DSM Plan can be reasonably monitored. FPL's monitoring efforts for each of its DSM programs and research projects are set forth in the program summaries in the DSM Plan. For all the foregoing reasons, FPL's DSM Plan, including the Residential On Call tariff sheets, should be approved.

WHEREFORE, FPL respectfully requests that the Commission: (i) approve FPL's DSM Plan, as provided in Attachment 1; (ii) approve the modifications and additions to FPL's Residential On Call tariff sheets in Attachment 2; (iii) authorize FPL to recover reasonable and prudent expenditures associated with the implementation of this DSM Plan through the ECCR clause; and (iv) grant such other relief as may be appropriate.

Respectfully submitted,

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By: s/ William P. Cox
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ATTACHMENT 1

**FLORIDA POWER & LIGHT COMPANY
2025-2034 DEMAND-SIDE MANAGEMENT PLAN**

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

March 18, 2025

TABLE OF CONTENTS

INTRODUCTION.....	2
SECTION I – OVERVIEW	5
A. Composition of FPL’s 2025 DSM Plan	5
B. Cost-Effectiveness Analysis.....	8
C. Projected Costs and Energy Conservation Cost Recovery (ECCR) Clause Amounts... 	8
SECTION II – DSM PROGRAM DESCRIPTIONS	10
RESIDENTIAL PROGRAM PORTFOLIO.....	12
Residential Energy Survey	13
Residential Load Management (On Call [®])	16
HVAC On-Bill (On Call [®]) Pilot	20
Residential HVAC.....	24
Residential New Construction (BuildSmart [®]).....	28
Residential Ceiling Insulation	32
Residential Low-Income Weatherization.....	36
Residential Low-Income Renter Pilot.....	40
BUSINESS PROGRAM PORTFOLIO	44
Business Energy Evaluation (BEE).....	45
Business On Call [®]	48
Commercial/Industrial Demand Reduction (CDR).....	52
Commercial/Industrial Load Control (CILC)	56
Business Heating, Ventilating & Air Conditioning (HVAC)	58
Business Lighting.....	62
Business Custom Incentive (BCI).....	66
OTHER PROGRAMS.....	68
Conservation Research and Development (CRD).....	69
APPENDIX A – FPL DSM PROGRAM STANDARDS	
APPENDIX B – PROGRAM-LEVEL COST-EFFECTIVENESS ANALYSES	

INTRODUCTION

Florida Power & Light Company (FPL) has been delivering cost-effective Demand-Side Management (DSM) programs for more than 40 years. These programs have included customer education, load management, and energy efficiency initiatives. FPL's DSM efforts through 2024 have resulted in a cumulative Summer peak reduction of 5,695 megawatts (MW) at the generator and estimated cumulative energy savings of 102,684 gigawatt hours (GWh) at the generator. Accounting for reserve margin requirements, FPL's DSM efforts through 2024 have eliminated the need to construct the equivalent of approximately 68 new 100 MW generating units. Over the years, FPL has built one of the largest and most successful DSM programs in the nation and remains committed to continuing to provide a variety of cost-effective DSM programs to FPL's customers.

Pursuant to Rule 25-17.0021, Florida Administrative Code (F.A.C.), FPL is submitting its 2025 DSM Plan (Plan) designed to meet the annual Summer MW, Winter MW, and GWh Goals for the Residential and Business sectors established by the Florida Public Service Commission (Commission) in Order No. PSC-2024-0505-FOF-EG. This DSM Plan provides a comprehensive portfolio of 15 DSM programs offering a wide variety of options for FPL's customers. It includes seven residential programs, seven business programs, and a Conservation Research and Development (CRD) program for evaluating new technologies. The residential programs continue a focus on increasing the efficiency of residential energy consumption in FPL's service area and cost-effective load control utilizing FPL's industry-leading On Call[®] program. FPL's residential programs include programs to benefit renters and homeowners alike. For low-income customers, FPL is expanding the weatherization program to include new measures and a significantly higher

adoption target. FPL is also proposing a new pilot program to specifically benefit low-income renters through adoption of high efficiency heating, ventilation, and air conditioning (HVAC) equipment. FPL is expanding the industry-leading On Call load-management program with a new pilot HVAC on-bill option that accomplishes the FEECA objective of increased efficiency of the electric system and reduced peak demand growth. This new option creates greater customer access to new energy-saving HVAC equipment in a way that also provides benefits to the general body of customers. Under this program, a customer will receive a new efficient HVAC unit that FPL will have the ability to control in peak demand situations.

For the Business sector, the DSM Plan continues to focus on HVAC and lighting usage with simplified program designs to encourage increased adoption. The Plan also includes a re-designed custom incentive program intended to promote adoption of energy efficiency solutions beyond the standard program offerings. All of these programs are cost-effective under either the Rate Impact Measure (RIM) or Total Resource Cost (TRC) screening tests and all pass the Participant's test.

The underlying foundation of the DSM Plan is FPL's Residential Energy Survey and Business Energy Evaluation education programs, which have been components of FPL's DSM portfolio for decades with more than 4.8 million surveys having been performed since inception. The surveys are offered through online, phone, and in-person channels and provide an energy use assessment and education on actions customers can take to reduce their electric costs. These actions include participating in FPL's DSM programs, as well as taking actions and implementing measures, many at low or no cost, that are not offered as part of FPL's DSM programs. The residential online

energy survey leverages hourly weather data and specialized algorithms to provide enhanced individually-tailored savings suggestions.

Over the ten-year planning period covered by this Plan, FPL projects to serve more than one million customers through the Energy Survey programs and to enroll more than 600,000 participants in the programs contained herein. The measures and savings impacts of these programs reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL's approved goals in Docket No. 20240012-EG.

The 2025 DSM Plan contains two Sections and two Appendices.

- **Section I** – Overview of FPL's 2025 DSM Plan summarizing how the Plan will achieve FPL's Goals, the programs and measures, program cost-effectiveness, and projected costs
- **Section II** – Detailed descriptions of the DSM Programs including projected annual participation, kW and kWh savings, Energy Conservation Cost Recovery (ECCR) cost estimates, and cost-effectiveness
- **Appendix A** – Program Standards
- **Appendix B** – Program-level cost-effectiveness analyses

SECTION I – OVERVIEW

A. Composition of FPL’s 2025 DSM Plan

FPL’s Plan contains a portfolio of residential and business programs designed to achieve the DSM goals approved in Order No. PSC-2024-0505-FOF-EG. Table 1 shows the approved annual Residential and Business Goals for Summer MW, Winter MW, and GWh for each year of the Plan.

Table 1 – Annual Residential and Business Goals (at the Generator)

Year	Residential			Business		
	Summer MW	Winter MW	GWh	Summer MW	Winter MW	GWh
2025	29.82	21.79	51.68	16.24	9.65	48.40
2026	30.00	22.66	50.82	16.26	9.68	49.13
2027	30.32	23.74	50.07	16.28	9.71	49.87
2028	30.27	24.12	48.94	13.89	8.28	50.60
2029	30.32	24.57	48.37	13.94	8.33	51.37
2030	31.02	25.22	49.20	14.00	8.38	52.15
2031	31.15	25.74	48.78	14.05	8.43	52.95
2032	31.32	26.30	48.42	14.11	8.48	53.76
2033	31.52	26.89	48.12	14.17	8.54	54.58
2034	31.76	27.53	47.86	14.23	8.59	55.42
Total	307.50	243.54	492.26	147.17	88.06	518.24

To achieve these annual Residential and Business DSM goals, FPL will continue some successful existing DSM programs, enhance others, and introduce innovative new programs. Included in these initiatives are increased offerings for residential low-income customers, a new HVAC option for the existing Residential On Call load management program, and a new low-income renter pilot program. For the Business sector, programs are simplified to increase interest and adoption.

The primary objective of all of the programs included in FPL’s portfolio is to reduce growth of coincident peak demand and energy consumption. The portfolio addresses the major drivers of a customer’s energy consumption, and its program mix is designed to address the diversity of FPL’s

customer types and their needs through providing financial incentives and investing in customer awareness through education.

Residential Program Portfolio Summary

The residential portfolio in the DSM Plan includes programs to educate residential customers on energy-saving opportunities, encourage increased energy efficiency in the existing housing stock through more efficient HVAC systems and thermal envelope improvements, and capture cost-effective load management of major end-use appliances in the home. FPL's Plan provides solutions for both homeowners and renters and includes an improved weatherization program for low-income customers. This Plan includes a pilot program to encourage landlords of low-income renter properties to install higher efficiency HVAC equipment to benefit their current and future tenant renters. Additionally, the Plan includes a significant increase in low-income participants, both owners and renters. FPL is also proposing a pilot expansion of Residential On Call to provide new, more efficient HVAC systems to customers via a monthly service charge.

The residential programs and associated measures included in the 2025 DSM Plan are shown in Table 2, with detailed descriptions provided in Section II.

Table 2 – Residential Programs & Measures

Program	Measures
Residential Energy Survey	Home Energy Survey (HES) Online Home Energy Survey (OHES) Phone Energy Survey (PES)
Residential Load Management (On Call®)	HVAC Water Heater Pool Pump HVAC On Bill Option
Residential Heating, Ventilating, & Cooling (HVAC)	ASHP - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2 (from electric resistance) ASHP - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2, 9.0 HSPF Central AC - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2
Residential New Construction (BuildSmart®)	Non-Specified
Residential Ceiling Insulation	Ceiling Insulation(R2 to R30) Ceiling Insulation(R2 to R38)
Residential Low Income	Energy Survey Weatherization (Caulking/Stripping) Duct Testing & Repair Air Conditioning Outdoor Coil Cleaning Faucet Aerators - Kitchen and Bathroom Low-Flow Showerhead Water Heater Pipe Wrap Ceiling Insulation LED Bulbs
Residential Low Income Renter Pilot	ASHP - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2 (from elect resistance) ASHP - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2, 9.0 HSPF Central AC - ENERGY STAR CEE Tier 1: 16 SEER/15.2 SEER2

Business Program Portfolio Summary

The business portfolio in the DSM Plan includes programs that educate business customers on energy-saving opportunities, encourage increased HVAC and lighting efficiency in commercial facilities, and leverage the large demand response resource that exists in this sector. FPL is making enhancements to the energy efficiency programs to simplify the delivery and enrollment processes to reach more customers, particularly small business customers. The business portfolio also includes an enhanced custom incentive program to encourage adoption of energy efficiency measures beyond the scope of other programs.

The business programs and associated measures included in the 2025 DSM Plan are shown in Table 3, with detailed descriptions of each program provided in Section II.

Table 3 – Business Programs & Measures

Program	Measures
Business Energy Evaluation (BEE)	Field BEE Online BEE Phone BEE
Business On Call®	HVAC
Commercial/Industrial Demand Reduction	Controllable Load
Commercial/Industrial Load Control (Closed)	Controllable Load
Business Heating, Ventilating, & Air Conditioning (HVAC)	HE Water Cooled Chiller - Centrifugal Compressor - 200 Tons HE Water Cooled Chiller - Centrifugal Compressor - 500 Tons HE DX Less than 5.4 Tons Elect Heat HE DX Less than 5.4 Tons Other Heat High Efficiency PTAC High Efficiency PTHP Water Source Heat Pump VFD on HVAC Pump
Business Lighting	LED High Bay_HID Baseline LED High Bay_LF Baseline LED Linear - Fixture Replacement
Business Custom Incentive (BCI)	Non-Specified

B. Cost-Effectiveness Analysis

Program-level cost-effectiveness analysis has been completed for each of the programs contained in the Plan utilizing the Commission-established cost-effectiveness methodology required by Rule 25-17.008, F.A.C. FPL used the most recent program assumptions for this analysis. The summary results for each program are provided in Section II, Program Descriptions. The full details are provided in Appendix B. Cost-effectiveness is not provided for the Residential Energy Survey, Business Energy Evaluation, CRD, Commercial/Industrial Load Control (closed to new participants), or the Business Custom Incentive programs.

C. Projected Costs and Energy Conservation Cost Recovery (ECCR) Clause

Amounts

FPL's projected cost of the DSM Plan for each year of the ten-year planning period, along with the resulting ECCR rates for a residential customer using 1,000 kWh per month, is shown in Table 4.

Approximately 69% of these costs are associated with customer incentives, such as rebates or bill credits. Program level annual costs are provided in Section II, Program Descriptions.

Table 4 – Projected Annual DSM Plan Cost and ECCR Rate Impact

Projected Plan Cost and ECCR Rate Impact		
	Total Projected Cost	ECCR Rate RS-1
2025	\$ 170,699,814	\$ 1.44
2026	\$ 170,490,353	\$ 1.43
2027	\$ 166,239,808	\$ 1.38
2028	\$ 165,738,981	\$ 1.36
2029	\$ 166,047,747	\$ 1.35
2030	\$ 166,869,100	\$ 1.33
2031	\$ 167,001,598	\$ 1.31
2032	\$ 166,874,551	\$ 1.29
2033	\$ 167,058,768	\$ 1.26
2034	\$ 167,278,257	\$ 1.24

SECTION II – DSM PROGRAM DESCRIPTIONS

FPL's 2025 DSM Plan incorporates a wide array of programs. It is comprised of 15 DSM programs: seven residential programs, seven business programs, and a CRD program for evaluating new technologies. These programs include existing and enhanced DSM programs from FPL's current DSM Plan and innovative new programs to continue offering meaningful energy savings opportunities to customers. FPL's comprehensive DSM portfolio recognizes the importance of keeping electric rates low for all of FPL's customers while still meeting the established Goals.

This section includes summaries for each of the programs and provides a general description of the individual programs' objectives, features and administration. Projected annual participation, kW and kWh savings, ECCR clause cost estimates, and cost-effectiveness for each program are also included. Additional specifics on each program and its operations are provided in FPL's Program Standards in Appendix A. The primary objective of all of the programs included in FPL's portfolio is to reduce growth of coincident peak demand and energy consumption. The portfolio addresses the major drivers of a customer's energy consumption, and its program mix is designed to address the diversity of FPL's customer types and their needs through providing financial incentives and investing in customer awareness through education.

For all programs where FPL provides a financial incentive, post-installation verifications will be conducted. In order to ensure compliance with Program Standards, FPL will, at a minimum, perform verifications of the installations as required by Rule 25-17.003(10), F.A.C. For certain programs, FPL will verify 100% of the installations (*e.g.*, Commercial/Industrial Demand

Reduction and Business Custom Incentive). Participating customers are required to provide FPL access to perform the verifications.

For demand/energy savings and financial incentives values, a “customer” or “participant” represents a single premise for Residential programs and represents one summer kW of demand reduction for Business programs. This method has been used by FPL for many years to account for and normalize the wide diversity in sizes, types, and energy usages of businesses.

RESIDENTIAL PROGRAM PORTFOLIO

Residential Energy Survey

Start Date – January 1981

Last Modified – January 2006

Program Overview: The Residential Energy Survey program is designed to educate customers on energy efficiency and encourage them to participate in Florida Power & Light Company's (FPL) Demand-Side Management (DSM) programs, as well as implement recommended energy-saving measures and practices that may not be included in FPL's residential programs. In addition to individual surveys, the program offers customer education on conservation measures through presentations at community events and local schools. The Residential Energy Survey program plays a crucial role in helping educate FPL customers on ways to reduce energy consumption and costs while supporting FPL's overall DSM efforts. The program not only assists customers in recognizing potential energy savings but also helps identify candidates for other FPL DSM programs. By offering various channels for energy surveys and promoting energy efficiency education, the program ensures that all FPL residential customers, whether homeowners or renters, can benefit from improved energy efficiency and cost savings.

Program Delivery Channels: The program offers energy surveys through three distinct channels:

- (1) Home Energy Survey (HES): Conducted by an FPL representative at the customer's home, this in-person survey identifies opportunities for customers to improve energy efficiency and participate in other FPL DSM programs.
- (2) Online Home Energy Survey (OHES): Customers can perform this self-service survey using FPL's online system, which provides personalized recommendations based on customer input.

- (3) Phone Energy Survey (PES): Conducted by an FPL representative over the phone using FPL’s online system, this survey provides similar benefits to the in-home survey but with added convenience.

Eligibility: The program is available to all FPL residential customers.

Marketing Channels: The Energy Survey program is promoted through various channels to maximize reach and engagement. These channels include television, radio, and digital and print media in addition to community and school events.

Program Participation: The following table provides a summary of estimated eligible customer counts, projected program participation, and program penetration levels for the Energy Survey program for each year of the planning horizon:

Estimated Program Participation - Residential Energy Survey				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	5,313,401	89,500	2%
2026	5,381,547	5,381,547	93,975	3%
2027	5,450,738	5,450,738	98,674	5%
2028	5,521,018	5,521,018	103,607	7%
2029	5,592,417	5,592,417	108,788	9%
2030	5,664,447	5,664,447	114,227	11%
2031	5,736,250	5,736,250	119,939	13%
2032	5,808,531	5,808,531	125,935	15%
2033	5,881,588	5,881,588	132,232	17%
2034	5,956,083	5,956,083	138,844	19%

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the Residential Energy Survey program is not directly attributed to specific demand or energy savings. Therefore, savings are not quantified for this program. However, the program plays a critical role in identifying opportunities for energy efficiency improvements and participation in other FPL DSM programs.

Program Cost-Effectiveness: Cost-effectiveness screening was not performed for the Residential Energy Survey program.

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Residential Energy Survey program.

Estimated Annual ECCR Program Cost	
Residential Home Energy Survey	
2025	\$ 13,991,625
2026	\$ 14,195,509
2027	\$ 14,402,450
2028	\$ 14,612,496
2029	\$ 14,825,693
2030	\$ 15,042,087
2031	\$ 15,261,727
2032	\$ 15,484,662
2033	\$ 15,710,941
2034	\$ 15,940,614

Residential Load Management (On Call®)

Start Date – July 1986

Last Modified – November 2020

Program Overview: The Residential Load Management (On Call®) program is designed to help FPL manage energy demand by allowing the utility to turn off certain customer-selected appliances during periods of extreme demand, capacity shortages, and system emergencies including system frequency regulation. FPL installs equipment to control eligible appliances, including central air conditioners/electric heating, water heaters, and pool pumps. Through this program, customers are educated on the benefits of participating in load management initiatives which help maintain system reliability and efficiency. By enrolling in the Residential On Call program, customers actively contribute to reducing peak demand and overall energy consumption during critical periods, supporting both personal cost savings and broader energy conservation goals.

Program Delivery Channels: The Residential On Call program utilizes contractors to install and service the load control equipment necessary for participation.

Eligibility: The program is available to all FPL residential customers who have eligible end-use equipment as specified in Tariff Sheet No. 8.217.

Marketing Channels: The program is promoted through Residential Energy Surveys and various digital and print media channels. These marketing efforts are supported by additional promotional activities and other marketing approaches, as appropriate, to reach and engage a broad audience of eligible customers.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Residential On Call program for each year of the planning horizon.

Estimated Program Participation - Residential On Call				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	4,115,430	3,492	0.1%
2026	5,381,547	4,633,902	3,580	0.2%
2027	5,450,738	4,703,093	3,665	0.2%
2028	5,521,018	4,773,373	3,747	0.3%
2029	5,592,417	4,844,772	3,825	0.4%
2030	5,664,447	4,916,802	3,899	0.5%
2031	5,736,250	4,988,605	3,967	0.5%
2032	5,808,531	5,060,886	4,031	0.6%
2033	5,881,588	5,133,943	4,088	0.7%
2034	5,956,083	5,208,438	4,141	0.7%

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the Residential On Call program is assessed through engineering modeling analyses calibrated with metered data collected during events and from periodic system tests of participants’ appliances. This approach ensures the program's contributions to demand and energy savings are accurately measured and verified.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential On Call						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	9,843	9,179	302	2.82	2.63	0.087
2026	10,091	9,411	310	2.82	2.63	0.087
2027	10,331	9,635	318	2.82	2.63	0.087
2028	10,564	9,852	325	2.82	2.63	0.087
2029	10,784	10,057	331	2.82	2.63	0.087
2030	10,991	10,250	338	2.82	2.63	0.087
2031	11,184	10,430	344	2.82	2.63	0.087
2032	11,362	10,596	349	2.82	2.63	0.087
2033	11,524	10,747	354	2.82	2.63	0.087
2034	11,672	10,885	359	2.82	2.63	0.087

Program Savings (At the Meter) - Residential On Call						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	9,322	8,694	290	2.67	2.49	0.083
2026	9,557	8,913	297	2.67	2.49	0.083
2027	9,785	9,125	304	2.67	2.49	0.083
2028	10,005	9,331	311	2.67	2.49	0.083
2029	10,214	9,525	318	2.67	2.49	0.083
2030	10,410	9,708	324	2.67	2.49	0.083
2031	10,593	9,879	329	2.67	2.49	0.083
2032	10,762	10,036	335	2.67	2.49	0.083
2033	10,915	10,179	339	2.67	2.49	0.083
2034	11,055	10,310	344	2.67	2.49	0.083

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential Load Management (On Call)	1.37	3.16	Infinite

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Residential On Call program.

Estimated Annual ECCR Program Cost		
Residential Load Management (On Call®)		
2025	\$	36,096,985
2026	\$	35,846,170
2027	\$	35,592,860
2028	\$	35,343,767
2029	\$	35,325,571
2030	\$	35,148,077
2031	\$	34,969,005
2032	\$	34,796,576
2033	\$	34,629,339
2034	\$	34,464,362

HVAC On-Bill (On Call®) Pilot

Start Date – _____, 2025

Program Overview: The HVAC On-Bill (HOB) pilot is an option within FPL’s Residential On Call program that provides customers with new HVAC equipment, routine service, and maintenance for a fixed monthly charge on their electric service bill. This pilot encourages the adoption of efficient, new HVAC equipment without requiring an upfront payment from the customer and provides cost-effective load control to FPL and the general body of customers. The HVAC equipment installed under the pilot is subject to load management and participants receive a monthly credit on their electric bill in accordance with the Company’s Residential On Call Tariff.

Program Delivery Channels: The HOB feature of the On Call program is delivered through a network of participating independent contractors (PICs) approved by FPL to offer this optional service. FPL promotes the service through these PICs, online and in-home Energy Surveys, and other marketing channels deemed appropriate to reach potential qualifying customers. Upon approval for enrolling in the HOB service, a PIC will design and install an HVAC system suitable for the property and commission the system. All necessary equipment for participation in the On Call program will also be installed. Once enrolled, the HVAC system will receive routine service to maintain proper operation over the term of the Service Agreement, and a contractor will be designated to provide repair services as needed. FPL will provide support to enrolled customers throughout the term of the Service Agreement to ensure a positive customer experience.

Eligibility: The pilot is available to FPL customers in good standing who own their home and have a central heating and cooling system.

Participant HVAC Service Charge: The monthly service charge will be calculated as specified in the HVAC Service Agreement (Tariff Sheet Nos. 9.858-9.866) and Statement of Work (SOW).

Marketing Channels: The pilot is promoted through participating independent contractors (PICs), online and in-home Energy Surveys, and various other digital and print media channels. These marketing efforts are designed to maximize outreach and engagement with potential qualifying customers.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the HOB pilot for each year of the planning horizon.

Estimated Program Participation - HVAC On-Bill (On Call) Pilot				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	4,115,430	300	0.0%
2026	5,381,547	4,633,902	500	0.0%
2027	5,450,738	4,703,093	750	0.0%
2028	5,521,018	4,773,373	825	0.0%
2029	5,592,417	4,844,772	908	0.1%
2030	5,664,447	4,916,802	998	0.1%
2031	5,736,250	4,988,605	1,098	0.1%
2032	5,808,531	5,060,886	1,208	0.1%
2033	5,881,588	5,133,943	1,329	0.2%
2034	5,956,083	5,208,438	1,462	0.2%

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the HOB pilot is assessed based on engineering models and estimates used in the 2024 potential study and most recent goals filing.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the pilot.

Program Savings (At the Generator) - HVAC On-Bill (On Call) Pilot						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	605	1,146	723	2.02	3.82	2.41
2026	1,008	1,910	1,206	2.02	3.82	2.41
2027	1,512	2,866	1,808	2.02	3.82	2.41
2028	1,664	3,152	1,989	2.02	3.82	2.41
2029	1,830	3,468	2,188	2.02	3.82	2.41
2030	2,013	3,814	2,407	2.02	3.82	2.41
2031	2,214	4,196	2,648	2.02	3.82	2.41
2032	2,436	4,615	2,912	2.02	3.82	2.41
2033	2,679	5,077	3,204	2.02	3.82	2.41
2034	2,947	5,584	3,524	2.02	3.82	2.41

Program Savings (At the Meter) - HVAC On-Bill (On Call) Pilot						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	573	1,086	693	1.91	3.62	2.31
2026	955	1,810	1,155	1.91	3.62	2.31
2027	1,433	2,714	1,733	1.91	3.62	2.31
2028	1,576	2,986	1,906	1.91	3.62	2.31
2029	1,733	3,284	2,096	1.91	3.62	2.31
2030	1,907	3,613	2,306	1.91	3.62	2.31
2031	2,097	3,974	2,537	1.91	3.62	2.31
2032	2,307	4,371	2,790	1.91	3.62	2.31
2033	2,538	4,808	3,069	1.91	3.62	2.31
2034	2,792	5,289	3,376	1.91	3.62	2.31

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the pilot.

Cost Effectiveness Screening Test Results			
Program	RIM	IC	Participant
HVAC On-Bill (On Call) Pilot	1.20	2.70	Infinite

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the HOB.

Estimated Annual ECCR Program Cost		
HVAC On-Bill (On Call) Pilot		
2025	\$	1,091,527
2026	\$	1,038,801
2027	\$	968,553
2028	\$	863,092
2029	\$	727,351
2030	\$	568,050
2031	\$	395,068
2032	\$	(54,501)
2033	\$	(207,904)
2034	\$	(337,546)

Program Pilot Period: HOB pilot tariffs shall remain in effect for a period of five years from Commission approval of the HOB pilot program, unless extended, modified, or terminated by order of the Commission. Not later than FPL’s 2029 demand-side management goals filing, FPL shall file a petition with the Commission to extend, modify, or terminate the tariffs.

Residential HVAC

Start Date – October 1990

Last Modified – January 2022

Program Overview: The Residential HVAC program aims to help customers reduce their heating and cooling costs by providing rebates for the installation of high-efficiency central air conditioning or heat pump systems. This program educates customers on the benefits of installing high-efficiency HVAC systems to reduce energy costs and improve overall home comfort. By providing a monetary incentive, the program encourages customers to opt for systems that exceed federal efficiency standards, thereby contributing to energy conservation and demand-side management goals. The goal is to encourage the adoption of high-efficiency HVAC systems, thereby enhancing energy efficiency in residential settings.

Program Delivery Channels: FPL delivers this program through Participating Independent Contractors (PICs), who offer the rebate to the customer at the time of qualifying air conditioning or heat pump installation. Additionally, FPL program specialists provide technical support to PICs to boost overall program enrollments.

Eligibility: This program is available to customers with an active FPL residential account that install a replacement electric-driven, air-cooled central air conditioning system or heat pump.

Marketing Channels: The program is promoted through the Residential Energy Survey, email, and various digital and print media channels to effectively target potential qualifying customers.

These marketing efforts are complemented by additional promotional activities and strategies to maximize outreach and engagement with potential customers.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Residential HVAC program for each year of the planning horizon.

Estimated Program Participation - Residential HVAC				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	2,937,684	20,000	0.7%
2026	5,381,547	3,070,155	20,200	1.3%
2027	5,450,738	3,203,599	20,402	1.9%
2028	5,521,018	3,338,055	20,606	2.4%
2029	5,592,417	3,473,552	20,812	2.9%
2030	5,664,447	3,609,636	21,020	3.4%
2031	5,736,250	3,745,508	21,230	3.9%
2032	5,808,531	3,881,825	21,443	4.3%
2033	5,881,588	4,018,864	21,657	4.7%
2034	5,956,083	4,157,241	21,874	5.0%

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential HVAC						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	2,534	6,124	14,112,176	0.13	0.31	706
2026	2,559	6,185	14,253,298	0.13	0.31	706
2027	2,585	6,247	14,395,831	0.13	0.31	706
2028	2,611	6,309	14,539,789	0.13	0.31	706
2029	2,637	6,372	14,685,187	0.13	0.31	706
2030	2,663	6,436	14,832,039	0.13	0.31	706
2031	2,690	6,500	14,980,359	0.13	0.31	706
2032	2,717	6,565	15,130,163	0.13	0.31	706
2033	2,744	6,631	15,281,464	0.13	0.31	706
2034	2,771	6,697	15,434,279	0.13	0.31	706

Program Savings (At the Meter) Residential HVAC						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	2,400	5,800	13,520,000	0.12	0.29	676
2026	2,424	5,858	13,655,200	0.12	0.29	676
2027	2,448	5,917	13,791,752	0.12	0.29	676
2028	2,473	5,976	13,929,670	0.12	0.29	676
2029	2,497	6,036	14,068,966	0.12	0.29	676
2030	2,522	6,096	14,209,656	0.12	0.29	676
2031	2,548	6,157	14,351,752	0.12	0.29	676
2032	2,573	6,218	14,495,270	0.12	0.29	676
2033	2,599	6,281	14,640,223	0.12	0.29	676
2034	2,625	6,343	14,786,625	0.12	0.29	676

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential HVAC	0.43	2.70	10.18

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Residential HVAC program.

Estimated Annual ECCR Program Cost	
Residential HVAC	
2025	4,873,629
2026	\$ 4,922,365
2027	\$ 4,971,589
2028	\$ 5,021,305
2029	\$ 5,071,518
2030	\$ 5,122,233
2031	\$ 5,173,455
2032	\$ 5,225,190
2033	\$ 5,277,442
2034	\$ 5,330,216

Residential New Construction (BuildSmart®)

Start Date – February 1996

Last Modified – January 2006

Program Overview: The Residential New Construction (BuildSmart®) program is designed to encourage builders and developers to design and construct energy-efficient new homes that achieve BuildSmart certification and move to achieve ENERGY STAR® qualifications, achieving an energy performance improvement score of at least ten points better than current building codes require. The program educates builders and developers on the benefits of constructing energy-efficient homes and provides technical support, regular training, and certification processes, alongside financial incentives to builders. By promoting superior building practices that align with ENERGY STAR qualifications, the program leads to significant energy savings and enhanced sustainability.

Program Delivery Channels: The BuildSmart program is delivered to builders, developers, and owner-builders of new homes by FPL Program Specialists who certify that the homes meet the BuildSmart program requirements. To verify that a new home achieves an energy performance improvement score of at least ten points better than the minimum code requirements, a program specialist calculates the home's energy improvement score using an Energy Gauge calculation based on construction plans or the output from a certified third-party rater Home Energy Rating System (HERS) report, as defined in Rule 9B-60.002, Florida Administrative Code.

Eligibility: The program is open to all builders, developers, and owner-builders of new homes within FPL's service territory. Eligible homes must be single-family detached or single-family

attached, where each housing unit is separated from its neighbors by a ground-to-roof wall with no housing units above or below. The energy code compliance score for the home must exceed that required by the Florida Building Code, as specified in FPL’s Program Standards. Certification will utilize Florida Building Commission-approved energy code compliance software.

Marketing Channels: The program is promoted through FPL personnel, builders, and various digital and print media channels. These marketing efforts are complemented by additional promotional activities and strategies to maximize outreach and engagement with potential program participants.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Residential New Construction (BuildSmart) program for each year of the planning horizon.

Estimated Program Participation - Residential New Construction (BuildSmart)				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	59,295	3,700	5%
2026	5,381,547	58,347	3,737	5%
2027	5,450,738	58,822	3,774	4%
2028	5,521,018	60,167	3,812	4%
2029	5,592,417	61,165	3,850	3%
2030	5,664,447	61,738	3,889	3%
2031	5,736,250	62,972	3,928	3%
2032	5,808,531	64,232	3,967	2%
2033	5,881,588	65,517	4,007	2%
2034	5,956,083	66,827	4,047	2%

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential New Construction (BuildSmart)						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	1,445	508	4,093,784	0.39	0.14	1,106
2026	1,460	513	4,134,721	0.39	0.14	1,106
2027	1,474	518	4,176,069	0.39	0.14	1,106
2028	1,489	523	4,217,829	0.39	0.14	1,106
2029	1,504	528	4,260,008	0.39	0.14	1,106
2030	1,519	534	4,302,608	0.39	0.14	1,106
2031	1,534	539	4,345,634	0.39	0.14	1,106
2032	1,550	544	4,389,090	0.39	0.14	1,106
2033	1,565	550	4,432,981	0.39	0.14	1,106
2034	1,581	555	4,477,311	0.39	0.14	1,106

Program Savings (At the Meter) - Residential New Construction (BuildSmart)						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	1,369	481	3,922,000	0.37	0.13	1,060
2026	1,383	486	3,961,220	0.37	0.13	1,060
2027	1,397	491	4,000,832	0.37	0.13	1,060
2028	1,410	496	4,040,841	0.37	0.13	1,060
2029	1,425	501	4,081,249	0.37	0.13	1,060
2030	1,439	506	4,122,061	0.37	0.13	1,060
2031	1,453	511	4,163,282	0.37	0.13	1,060
2032	1,468	516	4,204,915	0.37	0.13	1,060
2033	1,482	521	4,246,964	0.37	0.13	1,060
2034	1,497	526	4,289,434	0.37	0.13	1,060

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential New Construction (BuildSmart)	0.57	1.50	4.7

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for Residential New Construction (BuildSmart) program.

Estimated Annual ECCR Program Cost	
Residential New Construction (BuildSmart)	
2025	\$ 1,023,651
2026	\$ 1,033,887
2027	\$ 1,044,226
2028	\$ 1,054,668
2029	\$ 1,065,215
2030	\$ 1,075,867
2031	\$ 1,086,626
2032	\$ 1,097,492
2033	\$ 1,108,467
2034	\$ 1,119,552

Residential Ceiling Insulation

Start Date – October 1981

Last Modified – January 2022

Program Overview: The Residential Ceiling Insulation program encourages customers to improve their home's thermal efficiency by providing rebates for ceiling insulation in qualifying homes. FPL delivers this program through Participating Independent Contractors (PICs), who provide the rebate to the qualifying customer at the time of ceiling insulation installation. The program aims to enhance energy efficiency and reduce energy consumption in residential properties by improving the building envelope's thermal efficiency.

Program Delivery Channels: FPL delivers the Residential Ceiling Insulation program through a network of Participating Independent Contractors (PICs). These contractors are responsible for performing the insulation installation and providing the rebate to the customer at the time of service. This approach ensures a streamlined and efficient process for both contractors and customers, facilitating wider adoption of energy-efficient practices.

Eligibility: To be eligible for this program, customers must have an active FPL residential account and whole-house central electric air conditioning and heating. Additionally, customers must select, verify, and hire a Participating Independent Contractor (PIC) to perform the installation work. The home must have a verified ceiling insulation R-value of less than R-8 to qualify for the rebate.

Marketing Channels: The program is promoted primarily through PICs, Energy Surveys, email, and paid digital advertising to effectively target and engage potential qualifying customers. These

marketing efforts are designed to raise awareness about the benefits of ceiling insulation and encourage participation in the program.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Residential Ceiling Insulation program for each year of the planning horizon.

Estimated Program Participation - Residential Ceiling Insulation				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	1,190,723	3,000	0.3%
2026	5,381,547	1,187,723	2,700	0.5%
2027	5,450,738	1,185,023	2,430	0.7%
2028	5,521,018	1,182,593	2,187	0.9%
2029	5,592,417	1,180,406	1,968	1.0%
2030	5,664,447	1,178,438	1,771	1.2%
2031	5,736,250	1,176,666	1,594	1.3%
2032	5,808,531	1,175,072	1,435	1.5%
2033	5,881,588	1,173,637	1,291	1.6%
2034	5,956,083	1,172,346	1,162	1.7%

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential Ceiling Insulation						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	5,125	1,891	10,431,627	1.71	0.63	3,477
2026	4,612	1,702	9,388,464	1.71	0.63	3,477
2027	4,151	1,532	8,449,618	1.71	0.63	3,477
2028	3,736	1,379	7,604,656	1.71	0.63	3,477
2029	3,362	1,241	6,844,190	1.71	0.63	3,477
2030	3,026	1,117	6,159,771	1.71	0.63	3,477
2031	2,723	1,005	5,543,794	1.71	0.63	3,477
2032	2,451	905	4,989,415	1.71	0.63	3,477
2033	2,206	814	4,490,473	1.71	0.63	3,477
2034	1,985	733	4,041,426	1.71	0.63	3,477

Program Savings (At the Meter) - Residential Ceiling Insulation						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	4,854	1,791	9,993,894	1.62	0.60	3,331
2026	4,368	1,612	8,994,505	1.62	0.60	3,331
2027	3,932	1,451	8,095,055	1.62	0.60	3,331
2028	3,538	1,306	7,285,549	1.62	0.60	3,331
2029	3,185	1,175	6,556,994	1.62	0.60	3,331
2030	2,866	1,058	5,901,295	1.62	0.60	3,331
2031	2,579	952	5,311,165	1.62	0.60	3,331
2032	2,322	857	4,780,049	1.62	0.60	3,331
2033	2,089	771	4,302,044	1.62	0.60	3,331
2034	1,880	694	3,871,839	1.62	0.60	3,331

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential Ceiling Insulation	0.75	2.60	4.84

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Residential Ceiling Insulation program.

Estimated Annual ECCR Program Cost	
Residential Ceiling Insulation	
2025	\$ 1,037,664
2026	\$ 933,897
2027	\$ 840,508
2028	\$ 756,457
2029	\$ 680,811
2030	\$ 612,730
2031	\$ 551,457
2032	\$ 496,311
2033	\$ 446,680
2034	\$ 402,012

Residential Low-Income Weatherization

Start Date – March 2005

Last Modified – January 2022

Program Overview: The Residential Low-Income Weatherization program is specifically designed to assist low-income customers by providing direct installation of energy saving measures. The program operates through two distinct models. First, low-income areas are identified and proactively canvassed to recruit qualifying customers for measure installation through FPL's Community Energy Saver initiative. The initiative also includes a free energy survey to help customers identify additional low and no-cost ways to reduce energy consumption. Second, Weatherization Assistance Providers (WAPs) or other FPL-approved agencies who have installed specified measures can submit rebate requests to FPL. Measures installed through both models include: LED light bulbs, weatherstripping, caulking and door sweeps (infiltration), water heater pipe wrap, faucet aerators, low flow shower heads, outdoor coil cleaning, ceiling insulation, and minor duct repair.

Program Delivery Channels: The program is delivered through two channels: FPL or designated representatives and Weatherization Assistance Provider (WAP) agencies or other FPL approved agencies. FPL representatives conduct an energy survey for each customer and install appropriate measures targeting their main areas of energy use. WAP agencies and other FPL approved agencies install energy-saving measures as part of the total assistance offered to eligible customers. The program is delivered primarily through direct outreach by FPL or contractors in targeted areas to reach qualifying customers.

Eligibility: The program is available to existing FPL residential customers who meet certain low-income criteria. This includes customers participating in FPL's Community Energy Saver, which is conducted in areas where the majority of customers' incomes are below 200% of the federal poverty level, allowing all FPL customers in these areas to participate. Additionally, customers eligible for financial assistance from federally funded programs, as verified by federal grantees or their designees, are eligible for the WAP or other approved FPL agency-delivered measures.

Marketing Channels: The program is promoted primarily through direct outreach by FPL or contractors in targeted areas to reach qualifying customers. These targeted efforts include communication channels such as email and community engagement events to educate and encourage participation in the program.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Low-Income Weatherization program for each year of the planning horizon.

Estimated Program Participation - Residential Low Income Weatherization				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	1,256,032	17,000	1%
2026	5,381,547	1,256,069	17,000	3%
2027	5,450,738	1,273,367	17,000	4%
2028	5,521,018	1,290,937	17,000	5%
2029	5,592,417	1,308,786	17,000	6%
2030	5,664,447	1,326,794	18,000	8%
2031	5,736,250	1,343,745	18,000	9%
2032	5,808,531	1,361,815	18,000	10%
2033	5,881,588	1,380,079	18,000	11%
2034	5,956,083	1,398,703	18,000	13%

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential Low Income Weatherization						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	11,118	4,097	25,238,183	0.65	0.24	1,485
2026	11,118	4,097	25,238,183	0.65	0.24	1,485
2027	11,118	4,097	25,238,183	0.65	0.24	1,485
2028	11,118	4,097	25,238,183	0.65	0.24	1,485
2029	11,118	4,097	25,238,183	0.65	0.24	1,485
2030	11,772	4,338	26,722,782	0.65	0.24	1,485
2031	11,772	4,338	26,722,782	0.65	0.24	1,485
2032	11,772	4,338	26,722,782	0.65	0.24	1,485
2033	11,772	4,338	26,722,782	0.65	0.24	1,485
2034	11,772	4,338	26,722,782	0.65	0.24	1,485

Program Savings (At the Meter) Residential Low Income Weatherization						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	10,537	3,876	24,179,134	0.62	0.23	1,422
2026	10,537	3,876	24,179,134	0.62	0.23	1,422
2027	10,537	3,876	24,179,134	0.62	0.23	1,422
2028	10,537	3,876	24,179,134	0.62	0.23	1,422
2029	10,537	3,876	24,179,134	0.62	0.23	1,422
2030	11,156	4,104	25,601,436	0.62	0.23	1,422
2031	11,156	4,104	25,601,436	0.62	0.23	1,422
2032	11,156	4,104	25,601,436	0.62	0.23	1,422
2033	11,156	4,104	25,601,436	0.62	0.23	1,422
2034	11,156	4,104	25,601,436	0.62	0.23	1,422

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential Low Income Weatherization	0.52	4.97	Infinite

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Low-Income Weatherization program.

Estimated Annual ECCR Program Cost	
Residential Low Income Weatherization	
2025	\$ 11,618,884
2026	\$ 11,618,884
2027	\$ 11,618,884
2028	\$ 11,618,884
2029	\$ 11,618,884
2030	\$ 12,302,347
2031	\$ 12,302,347
2032	\$ 12,302,347
2033	\$ 12,302,347
2034	\$ 12,302,347

Residential Low-Income Renter Pilot

Start Date – _____, 2025

Program Overview: FPL’s Low-Income Renter Pilot program encourages landlords of low-income rental properties to upgrade HVAC systems for energy efficiency, benefiting renters with lower energy bills. The program offers financial incentives to cover the incremental cost of replacing code-compliant units with high-efficiency HVAC systems. This initiative supports FPL’s commitment to energy conservation and helps low-income renters reduce their energy costs. Participation is limited to 500 installations per year over three years to assess the program's effectiveness for potential future expansion.

Program Delivery Channels: The program is delivered through direct engagement with rental property owners or their designees. FPL promotes the pilot program through targeted outreach efforts to inform property owners of the availability and benefits of the program. Properties must be pre-approved by FPL to ensure eligibility before any upgrades are made.

Eligibility: To be eligible for the program, rental properties must have renters with active FPL residential accounts, demonstrate tenant participation in assistance from recognized assistance agencies, and select an HVAC system that meets all specified equipment specifications. Additionally, properties must hire a licensed HVAC contractor to perform the installation work and must not have received a rebate for the same HVAC system within the past two years, unless it was damaged by a recognized natural disaster and subject to FPL’s discretion.

Marketing Channels: The program is promoted through targeted outreach efforts aimed at rental property owners and managers within FPL's service territory. This includes direct mail, digital marketing, and collaboration with property management associations to inform and encourage participation in the program.

Program Participation: The following table provides a summary of total number of residential customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Residential Low-Income Renter Pilot program for each year of the planned pilot period.

Estimated Program Participation - Residential Low Income Renter Pilot				
	Total Residential Customers (Premises)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	5,313,401	628,016	500	0.1%
2026	5,381,547	628,034	500	0.2%
2027	5,450,738	636,683	500	0.2%
2028				
2029				
2030				
2031				
2032				
2033				
2034				

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL's approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Residential Low Income Renter Pilot						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	63	153	352,804	.13	.31	706
2026	63	153	352,804	.13	.31	706
2027	63	153	352,804	.13	.31	706
2028						
2029						
2030						
2031						
2032						
2033						
2034						

Program Savings (At the Meter) - Residential Low Income Renter Pilot						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	60	145	338,000	.12	.29	676
2026	60	145	338,000	.12	.29	676
2027	60	145	338,000	.12	.29	676
2028						
2029						
2030						
2031						
2032						
2033						
2034						

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Residential Low Income Renter Pilot	0.30	1.45	12.25

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for Low-Income Renter Pilot program.

Estimated Annual ECCR Program Cost	
Low Income Renter Pilot	
2025	\$ 586,577
2026	\$ 586,577
2027	\$ 586,577
2028	\$ -
2029	\$ -
2030	\$ -
2031	\$ -
2032	\$ -
2033	\$ -
2034	\$ -

Program Pilot Period: Low-Income Renter Pilot program (with a limit of 500 participants per year) shall remain in effect for a period of three years from Commission approval of this pilot program, unless extended, modified, or terminated by order of the Commission. Not later than FPL’s 2029 DSM Goals filing, FPL shall file a petition with the Commission to extend, modify, or terminate the pilot program.

BUSINESS PROGRAM PORTFOLIO

Business Energy Evaluation (BEE)

Start Date – October 1990

Last Modified – March 2005

Program Overview: The Business Energy Evaluation (BEE) program is designed to educate customers on energy efficiency and encourage the implementation of recommended practices and measures, even if these are not included in FPL's Demand-Side Management (DSM) programs. The BEE is also used to identify potential candidates for other FPL DSM programs. This program is delivered through three channels: on-site by FPL representatives, online through an FPL system, and by phone with FPL representatives using the online system.

Program Delivery Channels: The Business Energy Evaluation program is delivered through the following channels:

- (1) Online BEE: Performed by customers using FPL's online system.
- (2) Phone BEE: Conducted by FPL representatives using FPL's online system.
- (3) Field BEE: Conducted by FPL representatives at the customer's facility.

These delivery methods ensure that business customers, whether they own or rent their facility, can access the program and benefit from its services.

Eligibility: The program is available to all FPL business customers.

Marketing Channels: The BEE program is promoted through a variety of channels, including FPL personnel, television, radio, and digital and print media. FPL may also provide BEEs

proactively. These marketing efforts are supported by additional promotional activities as appropriate to reach and engage FPL business customers effectively.

Program Participation: The following table provides a summary of total number of business customers, estimated eligible customer counts, projected program participation, and program penetration levels for the BEE program for each year of the planning horizon.

Estimated Program Participation - Business Energy Evaluation				
	Total Business Customers	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	671,264	671,264	4,800	1%
2026	677,314	677,314	5,040	1%
2027	683,040	683,040	5,292	2%
2028	687,645	687,645	5,557	3%
2029	693,068	693,068	5,834	4%
2030	698,254	698,254	6,126	5%
2031	703,313	703,313	6,432	6%
2032	708,249	708,249	6,754	6%
2033	713,042	713,042	7,092	7%
2034	717,654	717,654	7,446	8%

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the Business Energy Evaluation program is not directly attributed to specific demand or energy savings. Therefore, savings are not quantified for this program. However, the program plays a critical role in identifying opportunities for energy efficiency improvements and participation in other FPL DSM programs.

Program Cost-Effectiveness: Cost-effectiveness screening was not performed for the BEE program.

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the BEE program.

Estimated Annual ECCR Program Cost		
Business Energy Evaluation		
2025	\$	8,162,252
2026	\$	8,270,388
2027	\$	8,380,146
2028	\$	8,491,551
2029	\$	8,604,627
2030	\$	8,719,398
2031	\$	8,835,892
2032	\$	8,954,133
2033	\$	9,074,147
2034	\$	9,195,961

Business On Call®

Start Date – June 1995

Last Modified – September 2006

Program Overview: The Business On Call® program allows FPL to manage energy demand by turning off customers' direct expansion (DX) central air conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages, or system emergencies. This demand response initiative helps maintain system reliability and efficiency. Participating customers receive monthly bill credits as an incentive for their involvement. FPL utilizes contractors to install and service the load control equipment necessary for participation in the program.

Program Delivery Channels: The Business On Call program is delivered through contractor-installed equipment connected to the customer's DX central electric air conditioning unit, allowing FPL to remotely control this load.

Eligibility: The program is available to FPL business customers who meet the requirements outlined in Tariff Sheet No. 8.109. Participation may be limited based on system load shape analysis to ensure the program's effectiveness and reliability.

Marketing Channels: The program is promoted through various channels, including the Business Energy Evaluation (BEE), FPL personnel, and digital and print media. These marketing efforts are supported by additional promotional activities and strategies as appropriate to reach and engage a broad audience of eligible business customers.

Program Participation: The following table provides a summary of total number of business customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Business On Call program for each year of the planning horizon.

Estimated Program Participation - Business On Call				
	Total Business Customers (Summer kW)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	9,962,753	747,675	1,090	0.1%
2026	10,052,546	753,324	1,081	0.3%
2027	10,137,530	758,612	1,072	0.4%
2028	10,205,876	762,654	1,065	0.6%
2029	10,286,363	767,604	1,058	0.7%
2030	10,363,333	772,290	1,052	0.8%
2031	10,438,417	776,833	1,046	1.0%
2032	10,511,676	781,240	1,041	1.1%
2033	10,582,813	785,486	1,036	1.2%
2034	10,651,263	789,531	1,032	1.3%

“Total Business Customers”, “Eligible Customers”, “Annual Participants” – A “customer” or “participant” represents one summer kW of demand reduction for Business programs. This method has been used by FPL for many years to account for and normalize the wide diversity in sizes, types, and energy usages of businesses.

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the Business On Call program is assessed through engineering modeling analyses calibrated with metered data collected during events and from periodic system tests of participants’ equipment. This rigorous evaluation ensures the program’s impact on demand and energy savings is accurately measured and verified.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Business On Call						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	1,150	0	1,149	1.06	0	1
2026	1,141	0	1,139	1.06	0	1
2027	1,132	0	1,131	1.06	0	1
2028	1,124	0	1,123	1.06	0	1
2029	1,117	0	1,115	1.06	0	1
2030	1,110	0	1,109	1.06	0	1
2031	1,104	0	1,102	1.06	0	1
2032	1,099	0	1,097	1.06	0	1
2033	1,094	0	1,092	1.06	0	1
2034	1,089	0	1,088	1.06	0	1

Program Savings (At the Meter) - Business On Call						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	1,090	0	1,101	1.00	0	1
2026	1,081	0	1,091	1.00	0	1
2027	1,072	0	1,083	1.00	0	1
2028	1,065	0	1,075	1.00	0	1
2029	1,058	0	1,068	1.00	0	1
2030	1,052	0	1,062	1.00	0	1
2031	1,046	0	1,056	1.00	0	1
2032	1,041	0	1,051	1.00	0	1
2033	1,036	0	1,046	1.00	0	1
2034	1,032	0	1,042	1.00	0	1

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Business On Call	1.11	3.46	Infinite

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Business On Call program.

Estimated Annual ECCR Program Cost		
Business On Call		
2025	\$	2,758,904
2026	\$	2,749,796
2027	\$	2,738,657
2028	\$	2,726,489
2029	\$	2,713,294
2030	\$	2,700,835
2031	\$	2,687,582
2032	\$	2,674,571
2033	\$	2,661,746
2034	\$	2,648,824

Commercial/Industrial Demand Reduction (CDR)

Start Date – May 2000

Last Modified – April 2019

Program Overview: The Commercial/Industrial Demand Reduction (CDR) program is designed to allow FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. Participating customers receive monthly bill credits based on the amount of kW they are willing to have interrupted. Participation in the program is governed by the FPL Commercial/Industrial Demand Reduction Rider and Agreement. Each customer enrollment is unique, determined by the specific amount of kW the customer agrees to have interrupted. Once a completed agreement is executed, contractors install equipment at the customer's premises that allow FPL to remotely interrupt the applicable load.

Program Delivery Channels: The CDR program is delivered through the installation of load control equipment on-site at the customer's facility, which is connected to the customer's load control circuit. The equipment allows FPL to control customer-established loads of 200 kW or greater.

Eligibility: The program is available to FPL business customers who meet the requirements outlined in the CDR Rider (Tariff Sheet Nos. 8.680 – 8.685). Participation may be limited based on system load shape analysis to ensure the program's effectiveness and reliability.

Marketing Channels: The program is promoted exclusively through customer advisors, with support from the FPL program management team. Due to the program's complexity and specific

requirements, direct customer engagement ensures that potential participants understand the program's benefits and processes.

Program Participation: The following table provides a summary of total number of business customers, estimated eligible customer counts, projected program participation, and program penetration levels for the CDR program for each year of the planning horizon.

Estimated Program Participation - Commercial/Industrial Demand Reduction				
	Total Business Customers (Summer kW)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	9,962,753	7,861,658	7,500	0.1%
2026	10,052,546	7,925,014	7,425	0.2%
2027	10,137,530	7,984,587	7,351	0.3%
2028	10,205,876	8,031,068	5,000	0.3%
2029	10,286,363	8,089,403	4,950	0.4%
2030	10,363,333	8,144,984	4,901	0.5%
2031	10,438,417	8,199,095	4,851	0.5%
2032	10,511,676	8,251,787	4,803	0.6%
2033	10,582,813	8,302,827	4,755	0.6%
2034	10,651,263	8,351,775	4,707	0.7%

“Total Business Customers”, “Eligible Customers”, “Annual Participants” – A “customer” or “participant” represents one summer kW of demand reduction for Business programs. This method has been used by FPL for many years to account for and normalize the wide diversity in sizes, types, and energy usages of businesses.

Demand/Energy Savings Measurement & Evaluation: The effectiveness of the CDR program is assessed through engineering modeling analyses calibrated with metered data collected during load control events. This rigorous evaluation ensures the program’s impact on demand and energy savings is accurately measured and verified, thereby confirming its contributions to FPL’s overall energy efficiency goals.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Commercial/Industrial Demand Reduction						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	7,919	4,823	88,500	1.06	0.64	12
2026	7,839	4,775	87,615	1.06	0.64	12
2027	7,761	4,727	86,739	1.06	0.64	12
2028	5,279	3,216	59,000	1.06	0.64	12
2029	5,226	3,183	58,410	1.06	0.64	12
2030	5,174	3,152	57,826	1.06	0.64	12
2031	5,122	3,120	57,248	1.06	0.64	12
2032	5,071	3,089	56,675	1.06	0.64	12
2033	5,020	3,058	56,108	1.06	0.64	12
2034	4,970	3,027	55,547	1.06	0.64	12

Program Savings (At the Meter) - Commercial/Industrial Demand Reduction						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	7,500	4,568	84,786	1.00	0.61	11
2026	7,425	4,523	83,938	1.00	0.61	11
2027	7,351	4,477	83,099	1.00	0.61	11
2028	5,000	3,046	56,524	1.00	0.61	11
2029	4,950	3,015	55,959	1.00	0.61	11
2030	4,901	2,985	55,399	1.00	0.61	11
2031	4,851	2,955	54,845	1.00	0.61	11
2032	4,803	2,926	54,297	1.00	0.61	11
2033	4,755	2,896	53,754	1.00	0.61	11
2034	4,707	2,867	53,216	1.00	0.61	11

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Commercial/Industrial Demand Reduction	0.79	41.94	Infinite

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the CDR program.

Estimated Annual ECCR Program Cost	
Commercial/Industrial Demand Reduction	
2025	\$ 37,511,423
2026	\$ 37,733,106
2027	\$ 37,951,050
2028	\$ 37,939,285
2029	\$ 37,934,424
2030	\$ 37,925,002
2031	\$ 37,911,063
2032	\$ 37,892,653
2033	\$ 37,869,816
2034	\$ 37,842,597

Commercial/Industrial Load Control (CILC)

(Closed to New Participants)

Start Date – October 1990

Last Modified – January 2021

Program Overview: The Commercial/Industrial Load Control (CILC) program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. This initiative helps maintain system reliability and efficiency by shedding large commercial and industrial customer loads as referenced in the CILC agreement. The program is governed by the requirements in FPL CILC Tariff Sheet Nos. 8.650 – 8.659 and applicable Agreement. The program was closed to new participants as of December 31, 2000, and is only available to existing participants who had entered into a CILC agreement as of March 19, 1996.

Program Delivery Channels: The CILC program is delivered through the installation of load control equipment on-site at the customer's facility. This equipment is connected to the customer's load control circuit, allowing FPL to manage customer-established loads of 200 kW or greater effectively. The load control equipment enables FPL to remotely interrupt the applicable load during critical periods.

Eligibility: The CILC program was closed to new participants as of December 31, 2000. It remains available only to existing CILC customers who entered into a CILC agreement as of March 19, 1996, and continue to meet the requirements outlined in the CILC Tariff (Tariff Sheet Nos: 8.650 – 8.659). Customers are responsible for providing appropriate contact information to FPL for communication of load management event alerts and program notifications.

Marketing Channels: Since the program is closed to new participants, marketing efforts are focused on maintaining communication with existing CILC customers. This includes regular updates and notifications through direct communication channels to ensure that participants are informed about program operations and events.

Program Participation: The program is closed to new participants.

Demand/Energy Savings Measurement & Evaluation – Since the program is closed to new participants, estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, were not calculated for the planning period.

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Commercial/Industrial Load Control program.

Estimated Annual ECCR Program Cost		
Commercial/Industrial Load Control		
2025	\$	35,143,126
2026	\$	35,154,845
2027	\$	35,166,915
2028	\$	35,179,347
2029	\$	35,192,152
2030	\$	35,205,341
2031	\$	35,218,927
2032	\$	35,232,919
2033	\$	35,247,331
2034	\$	35,262,176

Business Heating, Ventilating & Air Conditioning (HVAC)

Start Date – February 1990

Last Modified – November 2015

Program Overview: The Business Heating, Ventilating & Air Conditioning (HVAC) Program is designed to encourage commercial and industrial customers to install high-efficiency electric HVAC systems and aims to help these customers reduce their overall heating and cooling costs. The primary types of eligible systems include chillers and split/package Direct Expansion (DX) systems. The program also encourages the installation of Variable Frequency Drives (VFD) on HVAC pumps to enhance system efficiency.

Program Delivery Channels: The Business HVAC program is delivered to customers through multiple channels, including FPL customer advisors and program specialists, and licensed contractors. Participating Independent Contractors (PICs) offer the rebate to the customer at the time of qualifying equipment installation. Additionally, FPL program specialists provide technical support to boost overall program enrollments.

Eligibility: This program is available to customers with an active FPL business account. Both new construction and retrofit installations are eligible.

Marketing Channels: The Business HVAC program is promoted through the Business Energy Evaluations (BEE), FPL personnel, and various digital and print media. These marketing efforts are complemented by additional promotional activities and strategies to maximize outreach and engagement with potential customers.

Program Participation: The following table provides a summary of total number of business customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Business HVAC program for each year of the planning horizon.

Estimated Program Participation - Business HVAC				
	Total Business Customers (Summer kW)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	9,962,753	1,777,828	3,700	0.2%
2026	10,052,546	1,790,151	3,737	0.4%
2027	10,137,530	1,801,548	3,774	0.6%
2028	10,205,876	1,809,920	3,812	0.8%
2029	10,286,363	1,820,381	3,850	1.0%
2030	10,363,333	1,830,152	3,889	1.2%
2031	10,438,417	1,839,523	3,928	1.5%
2032	10,511,676	1,848,506	3,967	1.7%
2033	10,582,813	1,857,049	4,007	1.9%
2034	10,651,263	1,865,054	4,047	2.1%

“Total Business Customers”, “Eligible Customers”, “Annual Participants” – A “customer” or “participant” represents one summer kW of demand reduction for Business programs. This method has been used by FPL for many years to account for and normalize the wide diversity in sizes, types, and energy usages of businesses.

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program.

Program Savings (At the Generator) - Business HVAC						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	3,906	1,983	23,244,103	1.06	0.54	6,282
2026	3,946	2,003	23,476,544	1.06	0.54	6,282
2027	3,985	2,023	23,711,309	1.06	0.54	6,282
2028	4,025	2,043	23,948,423	1.06	0.54	6,282
2029	4,065	2,064	24,187,907	1.06	0.54	6,282
2030	4,106	2,084	24,429,786	1.06	0.54	6,282
2031	4,147	2,105	24,674,084	1.06	0.54	6,282
2032	4,188	2,126	24,920,825	1.06	0.54	6,282
2033	4,230	2,148	25,170,033	1.06	0.54	6,282
2034	4,272	2,169	25,421,733	1.06	0.54	6,282

Program Savings (At the Meter) - Business HVAC						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	3,700	1,878	22,268,733	1.00	0.51	6,019
2026	3,737	1,897	22,491,420	1.00	0.51	6,019
2027	3,774	1,916	22,716,334	1.00	0.51	6,019
2028	3,812	1,935	22,943,497	1.00	0.51	6,019
2029	3,850	1,955	23,172,932	1.00	0.51	6,019
2030	3,889	1,974	23,404,662	1.00	0.51	6,019
2031	3,928	1,994	23,638,708	1.00	0.51	6,019
2032	3,967	2,014	23,875,095	1.00	0.51	6,019
2033	4,007	2,034	24,113,846	1.00	0.51	6,019
2034	4,047	2,054	24,354,985	1.00	0.51	6,019

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	KIM	TRC	Participant
Business HVAC	0.44	1.42	3.97

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Business HVAC program.

Estimated Annual ECCR Program Cost	
Business HVAC	
2025	2,209,523
2026	\$ 2,231,618
2027	\$ 2,253,934
2028	\$ 2,276,473
2029	\$ 2,299,238
2030	\$ 2,322,230
2031	\$ 2,345,453
2032	\$ 2,368,907
2033	\$ 2,392,596
2034	\$ 2,416,522

Business Lighting

Start Date – June 1984

Last Modified – November 2015

Program Overview: The Business Lighting Program encourages customers to install high-efficiency lighting systems by providing incentives for the installation of qualifying lighting fixtures. Customers enroll in the program by submitting project details, including the number and size of qualifying lighting fixtures installed, and FPL provides the rebate through a direct payment to the customer.

Program Delivery Channels: The Business Lighting program is delivered to customers through multiple channels, including FPL customer advisors and program specialists, and licensed contractors. Additionally, FPL program specialists provide technical support to boost overall program enrollments.

Eligibility: This program is available to customers with an active FPL business account.

Marketing Channels: The Business Lighting program is promoted through the Business Energy Evaluation (BEE), FPL personnel, and various digital and print media. These marketing efforts are complemented by additional promotional activities and strategies to maximize outreach and engagement with potential customers.

Program Participation: The following table provides a summary of total number of business customers, estimated eligible customer counts, projected program participation, and program penetration levels for the Business Lighting program for each year of the planning horizon.

Estimated Program Participation - Business Lighting				
	Total Business Customers (Summer kW)	Eligible Customers	Annual Participants	Cumulative Penetration Level
2025	9,962,753	410,790	3,070	0.7%
2026	10,052,546	411,422	3,132	1.5%
2027	10,137,530	411,769	3,194	2.3%
2028	10,205,876	411,350	3,258	3.1%
2029	10,286,363	411,336	3,323	3.9%
2030	10,363,333	411,091	3,390	4.7%
2031	10,438,417	410,679	3,458	5.6%
2032	10,511,676	410,104	3,527	6.4%
2033	10,582,813	409,352	3,597	7.3%
2034	10,651,263	408,403	3,669	8.2%

“Total Business Customers”, “Eligible Customers”, “Annual Participants” – A “customer” or “participant” represents one summer kW of demand reduction for Business programs. This method has been used by FPL for many years to account for and normalize the wide diversity in sizes, types, and energy usages of businesses.

Demand/Energy Savings Measurement & Evaluation: The measures and savings impacts of this program reflect the impact of current and projected codes and standards as analyzed in the Technical Potential Study supporting FPL’s approved goals in Docket No. 20240012-EG. FPL will monitor changes to building codes and appliance efficiency standards for impact to the savings values associated with the program.

The following tables display the estimated annual program savings, including per-customer and total program reductions in Summer kW, Winter kW, and Annual kWh, both at the customer meter and generation levels, attributable to the program

Program Savings (At the Generator) - Business Lighting						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	3,242	2,820	25,000,000	1.06	0.92	8,143
2026	3,306	2,877	25,500,000	1.06	0.92	8,143
2027	3,373	2,934	26,010,000	1.06	0.92	8,143
2028	3,440	2,993	26,530,200	1.06	0.92	8,143
2029	3,509	3,053	27,060,804	1.06	0.92	8,143
2030	3,579	3,114	27,602,020	1.06	0.92	8,143
2031	3,651	3,176	28,154,060	1.06	0.92	8,143
2032	3,724	3,240	28,717,142	1.06	0.92	8,143
2033	3,798	3,304	29,291,485	1.06	0.92	8,143
2034	3,874	3,370	29,877,314	1.06	0.92	8,143

Program Savings (At the Meter) - Business Lighting						
	Total Summer kW Reduction	Total Winter kW Reduction	Total kWh Reduction	Per Customer Summer kW Reduction	Per Customer Winter kW Reduction	Per Customer kWh Reduction
2025	3,070	2,671	23,950,948	1.00	0.87	7,801
2026	3,132	2,725	24,429,967	1.00	0.87	7,801
2027	3,194	2,779	24,918,567	1.00	0.87	7,801
2028	3,258	2,835	25,416,938	1.00	0.87	7,801
2029	3,323	2,891	25,925,277	1.00	0.87	7,801
2030	3,390	2,949	26,443,782	1.00	0.87	7,801
2031	3,458	3,008	26,972,658	1.00	0.87	7,801
2032	3,527	3,068	27,512,111	1.00	0.87	7,801
2033	3,597	3,130	28,062,353	1.00	0.87	7,801
2034	3,669	3,192	28,623,601	1.00	0.87	7,801

Program Cost-Effectiveness: The table below provides summary cost-effectiveness results for the program.

Cost Effectiveness Screening Test Results			
Program	RIM	TRC	Participant
Business Lighting	0.43	1.40	3.98

Program Cost Recovery Estimates: The table below shows the estimated annual amount to be recovered through the ECCR clause for each calendar year in the planning horizon for the Business Lighting program.

Estimated Annual ECCR Program Cost		
Business Lighting		
2025	\$	1,150,774
2026	\$	1,173,789
2027	\$	1,197,265
2028	\$	1,221,210
2029	\$	1,245,634
2030	\$	1,270,547
2031	\$	1,295,958
2032	\$	1,321,877
2033	\$	1,348,315
2034	\$	1,375,281

Business Custom Incentive (BCI)

Start Date – April 1993

Last Modified – March 2005

Program Overview: The Business Custom Incentive (BCI) Program helps business customers save energy by providing customized rebates for the installation of unique high-efficiency technologies not covered by other FPL Demand-Side Management (DSM) programs. This program encourages customers to install unique high-efficiency technologies and is primarily promoted through customer advisors as they become aware of potential projects. To qualify for a rebate under the BCI program, FPL conducts a cost-effectiveness analysis of the specific project demand and energy savings to ensure it passes.

Eligibility: All FPL business customers with an active account are eligible. Projects must demonstrate at least the minimum Summer kW reductions specified in the Program Standards. Projects that represent operational or maintenance improvements that are not permanent, fuel switching, power generation technology, or wheeling of any type are not eligible.

Marketing Channels: Due to the unique nature of the program, the Business Custom Incentive program is primarily promoted through customer advisors as they become aware of potential projects.

Demand/Energy Savings Measurement & Evaluation: Demand and energy savings will be calculated for each custom project and will be evaluated using one or more of the following methods: engineering modeling analysis; end-use metering; statistical billing analysis; a feasibility study performed by an independent registered professional engineer; and/or lab testing.

Program Cost-Effectiveness: FPL will perform a cost-effectiveness analysis for each custom project to ensure the project passes and meets program requirements.

OTHER PROGRAMS

Conservation Research and Development (CRD)

Start Date – November 1990

Last Modified – November 2020

Program Overview: The Conservation Research and Development (CRD) program identifies and scientifically evaluates the energy and demand reductions and customer economics of emerging energy efficiency and demand response technologies and practices under FPL’s climate conditions. FPL-specific analysis is essential to provide accurate assessments of cost-effectiveness and applicability for possible inclusion in a future DSM Plan. Since CRD’s inception, FPL has evaluated a wide variety of residential and business technologies, such as: smart and programmable thermostats; variable-speed pool pumps; occupancy sensors; and smart air conditioning controls. The studies have resulted in several measures being incorporated into FPL’s DSM portfolio and also served as an authoritative source for providing FPL’s customers with accurate information and responses to their energy technology questions.

FPL may collaborate with other utilities, Florida-based universities, the U.S. Department of Energy, and other independent research organizations to conduct joint studies to maximize the cost-efficiency of research funds. CRD projects are conducted in laboratory and field settings. All results are weather-normalized and weighted for FPL’s regional population distribution.

Total program expenditures for the 2025-2034 period will not exceed \$5,000,000 every five years.

APPENDIX A – FPL DSM PROGRAM STANDARDS

**Florida Power & Light Company
Demand Side Management**

Program Standards

2025

Table of Contents

FPL Residential Program Portfolio	3
Residential Energy Survey Program Standards.....	4
Residential Load Management (On Call®) Program Standards	6
HVAC On-Bill (On Call) Pilot Program Standards	7
Residential HVAC Program Standards	11
Residential Ceiling Insulation Program Standards.....	14
Residential New Construction (BuildSmart®) Program Standards	17
Residential Low-Income Weatherization Program Standards.....	20
Low-Income Renter Pilot Program Standards.....	22
FPL Business Program Portfolio	24
Business Energy Evaluation Program Standards	25
Business On Call® Program Standards.....	27
Commercial/Industrial Demand Reduction (CDR) Program Standards	28
Commercial/Industrial Load Control (CILC) Program Standards (CLOSED)	29
Business Heating Ventilation & Air Conditioning (HVAC) Program Standards	30
FPL Business Lighting Program Standards.....	33
FPL Business Custom Incentive Program Standards	35

FPL Residential Program Portfolio

Program Standards

2025

Residential Energy Survey Program Standards

1. Program Overview

The Residential Energy Survey program is designed to educate customers on energy efficiency and encourage them to participate in Florida Power & Light Company's (FPL) Demand-Side Management (DSM) programs, as well as implement recommended energy-saving measures and practices that may not be included in FPL's residential programs. In addition to individual surveys, the program offers customer education on conservation measures through presentations at community events and local schools. The Residential Energy Survey program plays a crucial role in helping educate FPL customers on ways to reduce energy consumption and costs while supporting FPL's overall DSM efforts. The program assists customers in recognizing potential energy savings and helps identify candidates for other FPL DSM programs. By offering various channels for energy surveys and promoting energy efficiency education, the program ensures that all FPL residential customers, whether homeowners or renters, can benefit from improved energy efficiency and cost savings. Energy surveys are offered through the following channels:

- Home Energy Survey (HES): Conducted by an FPL representative at the customer's home, this in-person survey identifies opportunities for customers to improve energy efficiency and participate in other FPL DSM programs.
- Online Home Energy Survey (OHES): Customers can perform this self-service survey using FPL's online system, which provides personalized recommendations based on customer input.
- Phone Energy Survey (PES): Conducted by an FPL representative over the phone using FPL's online system, this survey provides similar benefits to the in-home survey but with added convenience.

2. Eligibility Requirements

- Customers must have an active FPL residential account.

3. Participation Requirements

- The survey must be performed by an FPL representative either at the customer's home, over the phone, or by the customer using FPL's online survey tool at FPL.com.

4. Incentives

- The program is free of charge to participants.
- Residential Energy Surveys identify opportunities for customers to receive financial incentives through other FPL residential programs.

5. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's DSM Annual Report.

6. Disclaimers

- “The utility does not warrant or guarantee the audit findings or recommendations, nor is the utility liable as a result of the audit for the acts or omissions of any person who implements or attempts to implement those conservation measures recommended by the auditor” (Rule 25-17.003, Florida Administrative Code).
- It is the sole responsibility of the customer to determine whether any energy conservation measure is appropriate for their property and to manage any independent contractor that is selected and hired by the customer.

Residential Load Management (On Call®) Program Standards

1. Program Overview

The Residential Load Management (On Call®) program is designed to help FPL manage energy demand by allowing the utility to turn off certain customer-selected appliances during periods of extreme demand, capacity shortages, and system emergencies including system frequency regulation. FPL installs equipment to control eligible appliances, including central air conditioners/electric heating, water heaters, and pool pumps. Through this program, customers are educated on the benefits of participating in load management initiatives which help maintain system reliability and efficiency. By enrolling in the On Call program, customers actively contribute to reducing peak demand and overall energy consumption during critical periods, supporting both personal cost savings and broader energy conservation goals. The On Call program utilizes contractors to install and service the load control equipment necessary for participation.

2. Eligibility Requirements

The program is available to all FPL residential customers who have eligible end-use equipment and occupied the premise for at least nine months of the year. See Applicable Tariff Sheets: 8.217 – 8.218.

3. Participation Requirements

FPL-installed equipment is connected to eligible customer-selected end-use equipment (*i.e.*, central air conditioning, central electric heating, electric water heaters, and pool pumps), allowing FPL to control these loads. See Applicable Tariff Sheets: 8.217 – 8.218.

4. Incentives

Participants in the On Call program will receive a monthly credit on their electric bill, as specified in Tariff Sheet No. 8.217. The credit amount depends on the type and number of appliances enrolled in the program.

5. Incentive Processing:

Participant bill credits will commence upon the installation and completion of required verification of the load control equipment.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings. Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report.

7. Disclaimers

See Applicable Tariff Sheet Nos. 8.217 – 8.218.

HVAC On-Bill (On Call) Pilot Program Standards

1. Program Overview

The HVAC On-Bill (HOB) pilot is an option within FPL's Residential On Call[®] program that provides customers with new HVAC equipment, routine service, and maintenance for a fixed monthly charge on their electric service bill. This pilot encourages the adoption of efficient, new HVAC equipment without requiring an upfront payment from the customer and provides cost-effective load control to FPL and the general body of customers. The HVAC equipment installed under the pilot is subject to load management and participants receive monthly bill credits in accordance with the Company's Residential On Call Tariff and the HVAC Service Agreement.

2. Eligibility Requirements

- The pilot is available to residential customers in FPL's service area who own their home that is permanently affixed to the underlying real property, and
- Customer must be in good standing and meet minimum credit requirements established by FPL.
- Customer must be eligible for Residential Service under rate schedule RS-1, or RS-1/2EV.
- Customer must allow reasonable access to the residential property for installation and servicing of HVAC equipment and devices used to effect load control.

3. Participation Requirements

3.1 General Requirements

Participation requirements are specified in Rate Schedule ROC, Sheet Nos. 8.217-8.281, Optional HVAC Services Rider (HVAC), Sheet Nos. 8.220-8.221, Optional HVAC Services Agreement, Sheet Nos. 9.858-9.866 and associated Statement of Work (SOW).

3.2 Contractor Requirements:

- FPL at its sole discretion will determine the number of Participating Independent Contractors (PICs) eligible to participate in the pilot.
- PIC must be a licensed mechanical or air conditioning contractor in good standing in the State of Florida at all times.
- PIC must sign an agreement with FPL regarding participation in the pilot.
- PIC is required to comply with all requirements FPL establishes for offer, approval, and execution of the HVAC Services Agreement and SOW. A failure to comply can result in removal from participation in the pilot.
- The PIC must complete the installation of HVAC equipment in compliance with all local code and permit requirements.
- Equipment necessary for load control must be installed in accordance with FPL specifications.

3.2.1 Service Level Agreements (SLAs) – HVAC Services

a) Standard Service/Preventative Maintenance Response

- Contractors will schedule service appointments within 48 hours of customer request.

b) Emergency Service Response

- For no heating (below 40°F) or no cooling (above 85°F) outside temperatures, an on-site service visit must occur within 24 hours or the next business day after customer contact.

c) Arrival Time Window

- Contractors will provide a 4-hour arrival window and adhere to the scheduled timeframe.

d) Repair Completion Time

- Simple Repairs: Completed within 24 hours of diagnosis.
- Complex Repairs/Replacements: Complete repairs within a commercially reasonable timeframe.

e) Customer Communication

- Contractors will provide regular status updates to customers until service completion.

f) Parts Availability

- Contractors will maintain an inventory of common replacement parts to ensure timely repairs and minimize delays.

g) Customer Complaint Resolution

- Valid Complaints: Acknowledge within 1 business day and resolve within a commercially reasonable timeframe.
- Invalid Complaints: Provide a response with an explanation within 2 business days.
- Regulatory Complaints (Florida Public Service Commission (PSC)): Submit a formal response to the PSC within 10 business days, including documented service history.

h) Service Documentation & Reporting

- Contractors must upload detailed work orders and service reports to the portal

within 7 business days of service completion.

i) Performance Metrics & Compliance

- Quarterly Performance Reviews: Contractors must participate in performance evaluations and corrective action planning.
- Customer Satisfaction: Maintain a post-service customer satisfaction rating of 85% or higher.
- Issue Escalation: Unresolved issues beyond SLA limits must be escalated to program management within 24 hours or the next business day.
- First-Time Fix Rate: At least 90% of service requests should be resolved on the first visit to minimize repeat calls.
- Contractor Responsiveness: Contractors must respond to program management inquiries within 24 hours or the next business day for active cases.

j) Completion Confirmation

- Contractors must obtain customer confirmation of satisfactory service completion after each installation or repair.

k) Disaster Recovery Plan

- Implement and maintain a disaster recovery plan to ensure service continuity during emergencies.

4. Service Charge and Incentives

- Monthly HVAC Service Charge accepted by customer in SOW will be added to the customer's monthly FPL bill for the term of the Service.
- Customer bill credits will be provided in accordance with the Residential On Call program Rate Schedule ROC, Sheet No. 8.217 and HVAC Service Agreement, Sheet No. 9.859.
- As authorized by the Florida Public Service Commission Rule 25-6.105 (Refusal or Discontinuance of Service by Utility), in the event of a payment default on the participating customer's electric bill (including, but not limited to, any or all of the monthly HVAC Service charge), FPL may discontinue electrical service to customer's residence.

5. Incentive Processing:

Participant bill credits will commence upon the installation and completion of required verification of the load control equipment.

6. Reporting Requirements

Pilot costs and revenues will be reported to the Commission in FPL's Energy Conservation Cost Recovery ("ECCR") True-Up and Projection filings. Pilot achievements will be reported in FPL's Demand-Side Management ("DSM") Annual Report.

In addition to reporting requirements associated with all approved DSM programs, FPL will provide:

- Monthly service charge for each installation in the annual ECCR True-Up filing
- SEER level of new and replaced HVAC equipment in the DSM Annual Report

Example Project Cost Recovery Schedule and Early Termination Fees¹

	HVAC Services Rev Req	HVAC Services Payments	Net ECCR Impact		Early Termination Schedule
Year	Nominal	Nominal	Nominal	PV	
1	\$2,287	\$1,873	\$414	\$383	\$8,307
2	\$2,154	\$1,873	\$281	\$241	\$7,744
3	\$2,023	\$1,873	\$150	\$119	\$7,075
4	\$1,917	\$1,873	\$44	\$32	\$6,316
5	\$1,820	\$1,873	(\$53)	(\$36)	\$5,470
6	\$1,730	\$1,873	(\$143)	(\$90)	\$4,537
7	\$1,655	\$1,873	(\$218)	(\$127)	\$3,524
8	\$1,586	\$1,873	(\$287)	(\$155)	\$2,432
9	\$1,519	\$1,873	(\$354)	(\$177)	\$1,255
10	\$1,464	\$1,873	(\$409)	(\$189)	\$0
Total	\$18,154	\$18,730	(\$576)	\$0	

¹ Based on a project cost of \$7,600 and no pre-payment of load control credits

7. Disclaimers

See Applicable Tariff Sheets: 8.217 – 8.218, 8.220-8.221, and 9.858-9.866.

Residential HVAC Program Standards

1. Program Overview

The Residential HVAC program aims to help customers reduce their heating and cooling costs by providing rebates for the installation of high-efficiency central air conditioning or heat pump systems. This program educates customers on the benefits of installing high-efficiency HVAC systems to reduce energy costs and improve overall home comfort. By providing a monetary incentive, the program encourages customers to opt for systems that exceed federal efficiency standards, thereby contributing to energy conservation and demand-side management goals. The goal is to encourage the adoption of high-efficiency HVAC systems, thereby enhancing energy efficiency in residential settings.

FPL delivers this program through Participating Independent Contractors (PICs), who offer the rebate to the customer at the time of qualifying air conditioning or heat pump installation.

2. Eligibility Requirements

- Customers must have an active FPL residential account.
- Customers must not have received a rebate for the same HVAC system within the past two years. This limitation may be waived, at FPL's sole discretion, if the HVAC system is damaged by a state or federally recognized natural disaster, tornado, fire, or similar event.

3. Participation Requirements

3.1 Customer Requirements

- Customers must select an HVAC system that meets all equipment specifications.
- Customers must select, verify, and hire a Participating Independent Contractor (PIC) to perform the installation work.
- Governmental entities, including local, state, and federal agencies, may, with FPL's pre-approval, perform installations themselves provided they comply with all other program standards requirements.

3.2. Equipment/Materials Requirements

- HVAC systems must be straight-cool and heat pump, electric-driven, air-cooled or water-cooled systems, excluding window units and single-zone mini splits.
- HVAC systems must have a Seasonal Energy Efficiency Ratio (SEER2) equal to or greater than one point above current federal efficiency standards.
- HVAC systems must be new, not previously installed, or used.
- HVAC systems must be certified by the Air Conditioning, Heating & Refrigeration Institute (AHRI) as listed on its website (www.ahridirectory.org) and listed (including any supplemental devices) by Underwriters Laboratories (UL) or another nationally recognized testing organization in accordance with UL standards.

- HVAC systems must completely replace an existing electric-driven cooling system, including the condenser, blower, evaporator coil, and any supplemental devices. Replacement of only some components does not qualify.

3.3. Contractor Requirements

- A PIC is required to comply with all requirements of these program standards, and a failure to comply can result in denial of the rebate and the PIC's removal from participation in the program.
- The rebate amount must appear as an itemized credit on the PIC's invoice to the customer, and the customer must have paid the amount net of the rebate.
- A PIC must sign an agreement with FPL regarding participation in the program. This is separate and independent from any agreement between the customer and the PIC.
- A PIC must be a licensed mechanical or air conditioning contractor in good standing in the State of Florida at all times.
- FPL, at its sole discretion, will determine the number of PICs eligible to participate in the program.

4. Incentives

- The rebate amount is \$200 per qualifying unit.

5. Incentive Processing

- PICs shall submit a rebate reimbursement request and all required documentation through FPL's online portal, or through any other administrative process as may be established by FPL, in a timely and accurate manner.
- PICs must include the following in the submission:
 - A completed rebate form
 - The AHRI document, which verifies the efficiency certification of the installed HVAC system
 - An outdoor photo of the HVAC unit, clearly showing the model number
 - An indoor photo of the HVAC unit, clearly showing the model number
 - A photo of the house number to verify the installation location.
- For the sole purpose of ensuring Program compliance in order to issue the rebate, FPL reserves the right to verify any installation and will be the sole determiner of whether the requirements of these Program Standards have been met. Customer must allow access for this purpose.
- FPL will process the rebate reimbursement to the PIC after 45 days of receiving a completed and approved customer enrollment.

6. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's DSM Annual Report.

7. Disclaimers

- The issuance of a rebate by FPL under the program shall not be considered or relied upon by the customer to be confirmation that the customer has selected the proper HVAC system for their residence and/or that any of the underlying work performed by the PIC was done properly pursuant to the manufacturer recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements. FPL does not participate in or approve the selection of the HVAC system and does not manage or provide oversight of the work performed by the PIC selected and hired by the customer. It is the sole responsibility of the customer to investigate and select an HVAC System that is appropriate for their specific application, perform their own due diligence in selecting the PIC, manage the PIC they select and hire to perform the work, and to take the necessary precautions they deem prudent to ensure the equipment, materials, and work meets their expectations.
- FPL does not provide any supervision, control, or instructions to PICs regarding the means and methods for performing any work that might be eligible for a rebate. This is entirely the responsibility of the PIC who is an independent contractor and likewise the sole responsibility of the customer to manage and inspect the work performed by the PIC. FPL provides no guaranty or warranty regarding the amount of energy savings to be expected, the material, and/or the work provided by the PIC.

Residential Ceiling Insulation Program Standards

1. Program Overview

The Residential Ceiling Insulation program encourages customers to improve their home's thermal efficiency by providing rebates for ceiling insulation in qualifying homes. FPL delivers this program through Participating Independent Contractors (PICs), who provide the rebate to the qualifying customer at the time of ceiling insulation installation. The program aims to enhance energy efficiency and reduce energy consumption in residential properties by improving the building envelope's thermal efficiency.

2. Eligibility Requirements

- Customers must have an active FPL residential account.
- The home must have whole-house central electric air conditioning and heating.
- The home must have a verified ceiling insulation R-value of less than R-8.

3. Participation Requirements

3.1 Customer Requirements

- Customers must select, verify, and hire a Participating Independent Contractor (PIC) to perform the installation work.
- Governmental entities, including local, state, and federal agencies, may, with FPL's pre-approval, perform installations themselves provided they comply with all other program standards requirements.
- Customers must provide access to all attic spaces to determine eligibility.

3.2. Equipment/Materials Requirements

- Ceiling insulation material must include, but is not limited to, the following insulation types: blown-in, batt, or spray foam.
- Ceiling insulation must be new, meaning it cannot be refurbished, previously installed, or otherwise used.
- Ceiling insulation must have a specified R-Value. Thermal properties, technical specifications, and performance characteristics must be independently tested and verified using the applicable test methods/standards established by the American Society of Testing and Materials (ASTM) or based on other FPL-approved calculations and test methods, where appropriate.

3.3. Contractor Requirements

- PICs must comply with all requirements of these program standards. Failure to comply can result in denial of the rebate and the PIC's removal from participation in the program.
- PICs must sign an agreement with FPL regarding their overall participation in the program. This is separate and independent from any agreement between the customer and the PIC.
- PICs must have the appropriate license in good standing to perform the work.
- Installation by the PIC must meet a minimum of current state, county, and local code

requirements, and cover all conditioned space, including the scuttle hole where applicable (additions or renovations do not qualify).

- Installation must be in an accessible attic (inaccessible attics and flat roof installations are not eligible).
- Ceiling insulation must not be installed on top of unfinished (drop) ceilings.
- The rebate amount must appear as an itemized credit on the PIC's invoice to the customer, and the customer must have paid the amount net of the rebate.
- PICs must leave a product specification sheet for FPL at the premise.
- FPL, at its sole discretion, will determine the number of PICs eligible to participate in the program.

4. Incentives

- The rebate amount is \$220 per installation.

5. Incentive Processing

- PICs shall submit a rebate reimbursement request and all required documentation through FPL's online portal, or through any other administrative process as may be established by FPL, in a timely and accurate manner.
- PICs must include the following in the submission:
 - A completed rebate form
 - A pre-insulation photo showing the level of existing insulation
 - A post-insulation photo showing the level of new insulation
 - A photo of the house number to verify the installation location.
- For the sole purpose of ensuring program compliance to issue the rebate, FPL reserves the right to verify any installation and will be the sole determiner of whether the requirements of these Program Standards have been met. Customer must allow access for this purpose.
- FPL will process the rebate reimbursement to the PIC after 45 days of receiving a completed and approved customer enrollment.

6. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of a rebate by FPL under the program shall not be considered or relied upon by the customer to be confirmation that the customer has selected the proper ceiling insulation for their residence or that any of the underlying work performed by the PIC was done properly pursuant to the manufacturer recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements. FPL does not participate in or approve the selection of the ceiling insulation and does not manage or provide oversight of the work performed by the PIC selected and hired by the customer. It is the sole responsibility of the customer to investigate and select ceiling insulation that is appropriate for their specific application, perform their own due diligence in

selecting the PIC, manage the PIC they select and hire to perform the work, and to take the necessary precautions they deem prudent to ensure the equipment, materials, and work meets their expectations.

FPL does not provide any supervision, control, or instructions to PICs regarding the means and methods for performing any work that might be eligible for a rebate. This is entirely the responsibility of the PIC who is an independent contractor and likewise the sole responsibility of the customer to manage and inspect the work performed by the PIC. FPL provides no guaranty or warranty regarding the amount of energy savings to be expected, the material, and/or the work provided by the PIC.

Residential New Construction (BuildSmart®) Program Standards

1. Program Overview

The Residential New Construction (BuildSmart®) program is designed to encourage builders and developers to design and construct energy-efficient new homes that achieve BuildSmart certification and move to achieve ENERGY STAR® qualifications, achieving an energy performance improvement score of at least ten points better than current building codes require. The program educates builders and developers on the benefits of constructing energy-efficient homes and provides technical support, regular training, and certification processes, alongside financial incentives to builders. By promoting superior building practices that align with ENERGY STAR® qualifications, the program leads to significant energy savings and enhanced sustainability.

The BuildSmart program is delivered to builders, developers, and owner-builders of new homes by FPL Program Specialists who certify that the homes meet the BuildSmart program requirements. To verify that a new home achieves an energy performance improvement score of at least ten points better than the minimum code requirements, a program specialist calculates the home's energy improvement score using an Energy Gauge calculation based on construction plans or the output from a certified third-party rater Home Energy Rating System (HERS) report, as defined in the Florida Administrative Code 9B-60.002.

2. Eligibility Requirements

- The program is open to all builders, developers, and owner-builders of new homes within FPL's service territory.
- The home must be a new residential single-family detached or single-family attached home where each housing unit is separated by a ground-to-roof wall and has no unit constructed above or below.
- The home must have whole-house electric cooling and heating supplied by a central HVAC system.

3. Participation Requirements

3.1 Home Requirements

- The home must achieve an energy performance improvement of at least ten points better than an applicable baseline home required by the Florida Energy Efficiency Code for Building Construction, as determined by FPL's BuildSmart energy performance calculation.

3.2. Builder Requirements

- The builder must construct a home that will be served by FPL.
- The builder must be licensed by the State of Florida as a General Contractor, a Building Contractor, or a Residential Contractor.
- Governmental entities, including local, state, and federal agencies, may, with FPL's pre-approval, perform installations themselves provided they comply with all other Program Standards requirements.

- The builder must submit the following documentation to FPL:
 - Construction information notice including:
 - Physical address/lot number
 - Home model information
 - Construction start/stop dates
 - Data to perform the energy performance calculations including:
 - Home plans (floor, elevation, orientation, etc.)
 - Equipment specifications
 - Other information FPL deems necessary to properly model the energy score
- If applicable, the builder must provide a certified EnergyGauge Buildings (ENB) file or another FPL-approved file.
- For the sole purpose of issuing the BuildSmart certificate, FPL reserves the right to verify any home and will be the sole determiner of whether the requirements of these Program Standards have been met. The builder must allow access for this purpose.

4. Incentives

Financial incentives may be provided in addition to a BuildSmart certification:

- ENERGY STAR® Incentive: \$75 for homes qualified as achieving both BuildSmart and ENERGY STAR® certification.

5. Incentive Processing

- Payments of incentives are sent to the builder based on their designated payee upon verification of Energy Star qualification.

6. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report filed with the Florida Public Service Commission.

7. Disclaimers

The issuance of a financial incentive by FPL under the program shall not be considered or relied upon by the customer or builder to be confirmation that the installed energy conservation measure(s) was appropriate for the residence or that any of the underlying work performed by the builder in the design and construction of the house and/or the installation of any energy conservation measure was done properly pursuant to the manufacturer recommendations and specifications, building codes, building plans, other applicable laws, design and engineering standards, industry standards, or individual contract requirements. FPL does not participate in or approve the selection of the energy conservation measure(s) and/or participate in the construction of the house and does not manage or provide any oversight of the work performed by the builder. It is the sole responsibility of the customer to perform any due diligence necessary in connection with any decision made in purchasing a home which may be BuildSmart certified. The issuance of a financial incentive under the program does not provide the builder or customer with any type of guarantee, assurance, and/or warranty related to a BuildSmart

home, including the amount of energy savings to be expected.

The builder is neither employed by FPL nor an agent of FPL but rather an independent contractor. FPL does not provide any engineering, plans, designs, or instructions regarding the construction of a BuildSmart home and does not provide any supervision, control, or instructions to the builder regarding the means and methods for performing any work that might be eligible for a financial incentive under the program. This is entirely the responsibility of the builder, who is an independent contractor, and likewise the sole responsibility of the customer to manage and inspect the work performed by the builder.

Residential Low-Income Weatherization Program Standards

1. Program Overview

The Residential Low-Income Weatherization program is specifically designed to assist low-income customers by providing direct installation of energy saving measures. The program operates through two distinct models. First, low-income areas are identified and proactively canvassed to recruit qualifying customers for measure installation through FPL’s Community Energy Saver initiative. The initiative also includes a free energy survey to help customers identify additional low and no-cost ways to reduce energy consumption. Second, Weatherization Assistance Providers (WAPs) or other FPL-approved agencies who have installed specified measures can submit rebate requests to FPL.

2. Eligibility Requirements

- Customers must be existing FPL residential customers who meet certain low-income criteria.
 - FPL’s Community Energy Saver program is conducted in areas where the majority of customers’ incomes are below 200% of the federal poverty level. All customers in these identified areas are eligible to participate.
 - For measures installed by WAP or other FPL approved agencies, customers eligibility is determined by the agency.

3. Participation Requirements

- Customer must agree to have measures installed by FPL, FPL designated representative, or FPL approved agency.

4. Incentives

- Customers will receive installed energy and water-saving measures for free whether provided through FPL, a WAP, or any other FPL approved entity.
- Reimbursement amounts for each measure installed by WAP or other FPL approved agencies will be as follows:

<u>Measure Type</u>	<u>Reimbursement Amount</u> <i>(per household)</i>
Weatherization/Infiltration	
- Weatherstripping, Caulking, and Door Sweeps (Infiltration)	\$90
Air Conditioning	
- Duct Testing & Repair	\$60
- Outdoor Coil Cleaning	\$60
Water Heating	
- Low Flow Showerhead	\$30
- Faucet Aerator	\$10
- Pipe Wrap	\$40
Ceiling Insulation	
- Below Code Add R-10	\$500
Lighting	
- LED Bulbs	\$6

5. Incentive Processing

- FPL-approved agency shall submit the Low-Income Weatherization Rebate Form to FPL within 90 days of installation.
- Reimbursement amounts for each measure installed by WAP or other FPL approved agencies will be paid to the approved agency after 45 days of receiving completed documentation and confirming all program requirements are met.
- FPL-approved agency must correct any deficiency in installation or materials identified by FPL within 90 days of notification.

6. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of an incentive by FPL under the program shall not be considered or relied upon by the customer to be confirmation that any of the underlying work performed by the FPL-approved agency was done properly pursuant to the manufacturer recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements. FPL does not participate in or approve the selection of conservation measures installed by the FPL-approved agencies and does not manage or provide oversight of the work performed by the FPL-approved agency. It is the sole responsibility of the customer and the FPL-approved agencies to investigate and select conservation measures that are appropriate for their specific application, perform the work, and to take the necessary precautions they deem prudent to ensure the equipment, materials, and work meets their expectations.

FPL does not provide any supervision, control, or instructions to FPL-approved agencies regarding the means and methods for performing any work that might be eligible for a rebate. This is entirely the responsibility of the FPL-approved agency and likewise the sole responsibility of the customer to manage and inspect the work performed by the FPL-approved agency. FPL provides no guaranty or warranty regarding the amount of energy savings to be expected, the equipment, and/or the work provided by the FPL-approved agencies.

Low-Income Renter Pilot Program Standards

1. Program Overview

FPL's Low-Income Renter Pilot program encourages landlords of low-income rental properties to upgrade HVAC systems for energy efficiency, benefiting renters with lower energy bills. The program offers financial incentives to cover the incremental cost of replacing code-compliant units with high-efficiency HVAC systems. This initiative supports FPL's commitment to energy conservation and helps low-income renters reduce their energy costs. Participation is limited to 500 installations per year over three years to assess the program's effectiveness for potential future expansion.

2. Eligibility Requirements

- The property must have renters with an active FPL residential account.
- The property must be a residential rental home where the landlord or agency can provide income eligibility via renter participation in assistance from recognized assistance agencies.
- The property must not have received a rebate for the same HVAC system within the past two years. This limitation may be waived, at FPL's sole discretion, if the HVAC system is damaged by a state or federally recognized natural disaster, tornado, fire, or similar events.

3. Participation Requirements

3.1. Equipment/Materials Requirements

- HVAC systems must be straight-cool and heat pump, electric-driven, air-cooled systems, excluding window units and single-zone mini splits.
- The system must have a Seasonal Energy Efficiency Ratio (SEER2) minimum equal to or greater than one point above current federal efficiency standards.
- The system must be new (*i.e.*, cannot be refurbished, previously installed, or used).
- The system must be certified by the Air Conditioning, Heating & Refrigeration Institute (AHRI) as listed on its website (www.ahridirectory.org) and listed (including any supplemental devices) by Underwriters Laboratories (UL) or another nationally recognized testing organization in accordance with UL standards.
- The system must completely replace an existing electric-driven cooling system (*i.e.*, condenser, blower, coil, and any supplemental devices). Replacement of only some components does not qualify.

3.2. General Requirements

- The landlord must select an HVAC system that meets all equipment requirements.
- The landlord must ensure that the installation is performed by a licensed HVAC contractor, WAP, or Community Action Agency.
- The landlord must submit detailed project information, including income eligibility documentation and HVAC system specifications to FPL.
- The property must allow reasonable access for FPL representatives to inspect the HVAC installation and verify compliance with program requirements.

4. Incentives

- The rebate amount will be the difference in the quoted cost of standard efficiency HVAC equipment and qualifying efficiency HVAC equipment, not to exceed \$1,000.
- The rebate shall be paid directly to the landlord or designated payee. Rebates paid directly to licensed HVAC contractors will be applied as an itemized discount on the invoice to the landlord.

5. Incentive Processing

- Incentive payments will be made as a direct payment to the customer or designated payee after 45 days of receipt of completed documentation and confirming eligibility and participation requirements are met.
- Participation is limited to 500 installations per year over a three-year period. FPL will close current-year participation upon reaching this limit.

6. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of a rebate by FPL under the Program shall not be considered or relied upon by the customer as confirmation that: (i) the customer has selected the proper HVAC system for the rental property; and/or (ii) any of the underlying work performed by the licensed HVAC contractor was done properly pursuant to the manufacturer's recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements. FPL does not participate in or approve the selection of the HVAC system and does not manage or provide oversight of the work performed by the contractor selected and hired by the customer. It is the sole responsibility of the customer to investigate and select an HVAC system that is appropriate for their specific application, perform their own due diligence in selecting the licensed HVAC contractor, manage the contractor they select and hire to perform the work, and take the necessary precautions they deem prudent to ensure the equipment, materials, and work meet their expectations.

FPL does not provide any supervision, control, or instructions to contractors regarding the means and methods for performing any work that might be eligible for a rebate. This responsibility lies entirely with the contractor, who is an independent contractor, and it is likewise solely the customer's responsibility to manage and inspect the work performed by the contractor. FPL provides no guarantee or warranty regarding the amount of energy savings to be expected, the equipment, or the work provided by the contractor.

FPL Business Program Portfolio

Program Standards

2025

Business Energy Evaluation Program Standards

1. Program Overview

The Business Energy Evaluation (BEE) program is designed to educate customers on energy efficiency and encourage the implementation of recommended practices and measures, even if these are not included in FPL's Demand-Side Management (DSM) programs. The BEE is also used to identify potential candidates for other FPL DSM programs. This program is delivered through three channels: online through an FPL system, by phone with FPL representatives using the online system, or on-site by FPL representatives. In 2023, FPL introduced the Business Energy Manager tool, which allows business customers to better understand their energy usage and identify savings opportunities. The objective of the BEE program is to educate business customers on energy efficiency and encourage them to participate in applicable FPL DSM programs and implement other recommended actions. Customers receive a Business Energy Evaluation upon survey completion.

The Business Energy Evaluation program is delivered through the following channels:

- Online BEE: Performed by customers using FPL's online system.
- Phone BEE: Conducted by FPL representatives using FPL's online system.
- Field BEE: Conducted by FPL representatives at the customer's facility.

These delivery methods ensure that business customers, whether they own or rent their facility, can access the program and benefit from its services.

2. Eligibility Requirements

- The customer must have an active FPL business account.

3. Participation Requirements

- The survey must be performed by the customer using FPL's online survey tool at FPL.com or by an FPL representative over the phone or on-site at the customer's business.

4. Incentives

- There are no direct financial incentives offered under the Business Energy Evaluation program.
- Business Energy Surveys identify opportunities for customers to receive financial incentives through other FPL business programs.

5. Reporting Requirements

- Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings.
- Program achievements will be reported in FPL's Demand-Side Management (DSM) Annual Report.

6. Disclaimers

The utility does not warrant or guarantee the audit findings or recommendations, nor is the utility liable as a result of the audit for the acts or omissions of any person who implements or attempts to implement those conservation measures recommended by the auditor” (Rule 25-17.003, Florida Administrative Code). It is the sole responsibility of the customer to determine whether any energy conservation measure is appropriate for their property and to manage any independent contractor that is selected and hired by the customer.

Business On Call® Program Standards

1. Program Overview

The Business Load Management (On Call®) program is designed to help FPL manage energy demand by allowing the utility to turn off air conditioners during periods of extreme demand, capacity shortages, and system emergencies including system frequency regulation. FPL installs equipment to control customer's DX central electric air conditioners. Through this program, customers are educated on the benefits of participating in load management initiatives which help maintain system reliability and efficiency. By enrolling in the On Call program, customers actively contribute to reducing peak demand and overall energy consumption during critical periods, supporting both personal cost savings and broader energy conservation goals. The On Call program utilizes contractors to install and service the load control equipment necessary for participation.

2. Eligibility Requirements

The program is available to FPL business customers on rate schedule GS-1 and GSD1 that normally operates air conditioners between 3pm – 6pm at least four days a week. See Applicable Tariff Sheet Nos. 8.109-8.110 for requirements.

3. Participation Requirements

FPL-installed equipment is connected to eligible customer's central electric air conditioners-allowing FPL to control these loads. See Applicable Tariff Sheet Nos. 8.109-8.110 for requirements.

4. Incentives

Participants in the On Call program receive a monthly credit on their electric bill, as specified in Tariff Sheet No. 8.109. The credit amount depends on the number of air conditioning units and tonnage enrolled in the program.

5. Incentive Processing:

Participant bill credits will commence upon the installation and completion of required verification of the load control equipment. See applicable Tariff Sheet Nos. 8.109-8.110

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery ("ECCR") True-Up and Projection filings. Program achievements will be reported in FPL's Demand-Side Management ("DSM") Annual Report.

7. Disclaimers

See applicable Tariff Sheet Nos. 8.109-8.110

Commercial/Industrial Demand Reduction (CDR) Program Standards

1. Program Overview

The Commercial/Industrial Demand Reduction (CDR) program is designed to allow FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. Participating customers receive monthly bill credits based on the amount of kW they are willing to have interrupted. Participation in the program is governed by the FPL Commercial/Industrial Demand Reduction Rider and Agreement. Each customer enrollment is unique, determined by the specific amount of kW the customer agrees to have interrupted. Once a completed agreement is executed, contractors install equipment at the customer's premises that allow FPL to remotely interrupt the applicable load.

2. Eligibility Requirements

The program is available to FPL business customers who meet the requirements outlined in the CDR Rider (Tariff Sheet Nos. 8.680 – 8.685).

3. Participation Requirements

See the CDR Rider (Tariff Sheet Nos. 8.680 – 8.685) for program requirements.

4. Incentives

Participants in CDR program receive a monthly credit on their electric bill, as specified in Tariff Sheet Nos. 8.680 – 8.685.

5. Incentive Processing:

Participant bill credits will commence upon the installation and completion of required verification and testing of the load control equipment. See Tariff Sheet Nos. 8.680 – 8.685.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery ("ECCR") True-Up and Projection filings. Program achievements will be reported in FPL's Demand-Side Management ("DSM") Annual Report.

7. Disclaimers

See Tariff Sheet Nos. 8.680 – 8.685

Commercial/Industrial Load Control (CILC) Program Standards (CLOSED)

(Closed to New Participants)

1. Program Overview

The Commercial/Industrial Load Control (CILC) program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. This initiative helps maintain system reliability and efficiency by shedding large commercial and industrial customer loads as referenced in the CILC agreement. The program is governed by the requirements in FPL CILC Tariff Sheet Nos. 8.650 – 8.659 and applicable Agreement. The program was closed to new participants as of December 31, 2000, and is only available to existing participants who had entered into a CILC agreement as of March 19, 1996.

2. Eligibility Requirements

The CILC program was closed to new participants as of December 31, 2000. It remains available only to existing CILC customers who entered into a CILC agreement as of March 19, 1996, and continue to meet the requirements outlined in the CILC Tariff (Tariff Sheet Nos: 8.650 – 8.659). Customers are responsible for providing appropriate contact information to FPL for communication of load management event alerts and program notifications.

3. Participation Requirements

- The program is closed to new participants.
- Existing participants shall be responsible for providing appropriate contact information to FPL for communication of load management event alerts and program notifications.
- See Tariff Sheet Nos, 8.650 – 8.659 for program requirements.

4. Incentives

See Tariff Sheet Nos, 8.650 – 8.659.

5. Incentive Processing:

See Tariff Sheet Nos, 8.650 – 8.659.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery ("ECCR") True-Up and Projection filings. Program achievements will be reported in FPL's Demand-Side Management ("DSM") Annual Report.

7. Disclaimers

See Tariff Sheet Nos, 8.650 – 8.659.

Business Heating Ventilation & Air Conditioning (HVAC) Program Standards

1. Program Overview

The Business Heating, Ventilating & Air Conditioning (HVAC) Program is designed to encourage commercial and industrial customers to install high-efficiency electric HVAC systems and aims to help these customers reduce their overall heating and cooling costs. The primary types of eligible systems include chillers and split/package Direct Expansion (DX) systems. The program also encourages the installation of Variable Frequency Drives (VFD) on HVAC pumps to enhance system efficiency.

2. Eligibility Requirements

- The customer must have an active FPL business account.
- The HVAC system must be for new construction or retrofit installations.

3. Participation Requirements

3.1 Equipment/Materials Requirements

- The equipment must be new (*i.e.*, cannot be refurbished, previously installed, or used) unless pre-approved by FPL.
- The HVAC system must be part of the facility's primary HVAC system.
- The equipment must exceed Florida Building Code requirements as specified by FPL.
- The equipment must operate during FPL's seasonal summer on-peak periods (3:00 p.m. to 6:00 p.m. ET weekdays from June 1 through September 30).

3.1.1 Requirements for Chillers

- The chiller must be certified by the manufacturer to AHRI Standards 550/590 Current Edition.
- The chilled water must be rated at a leaving temperature of 44°F.
- The chilled water must be rated at an entering temperature of 54°F.
- Water-cooled condensers must be rated at return temperatures of 85°F with a flow rate of 3.0 gpm per ton.
- Air-cooled condensers must be rated at an ambient air temperature of 95°F.

3.1.2 Requirements for DX Systems

- The equipment must be used to air condition a facility or process load.
- The DX system must not be used as a backup or emergency unit that is not part of the normal operational sequence.
- The equipment must exceed Florida Building Code SEER2 or EER Requirement / ASHRAE 90.1 Standards Current Edition.
- The equipment must be AHRI or AHRI/ISO certified.
- For any special class/size of HVAC equipment not AHRI/ISO certified or for any HVAC equipment model numbers with minor (non-energy) variations from AHRI/ISO listings, manufacturer verified specifications shall be provided.

3.1.3 Requirements for Variable Frequency Drives (VFD) on HVAC Pumps

- The VFD shall meet ANSI/AHRI Standard 1210.
- The VFD must regulate motor speed by adjusting the frequency and voltage of the electrical power supplied to the motor.
- The VFD cannot be mechanically integrated into the motor and electric commutated motor (EC motor) controller.

4. Incentives

4.1 Rebate Amount for Chillers

The rebate amount for qualifying chillers is calculated based on a maximum of \$145 per Summer kW reduction.

4.2 Rebate Amount for DX Systems

System Capacity	Minimum Efficiency	Rebate Amount
Less than 5.42 tons	SEER2: 14.78	\$200 per unit
Equal to 5.42 tons and less than 11.25 tons	EER: 11.98	\$400 per unit
Equal to 11.25 tons and less than 20 tons	EER: 11.77	\$800 per unit
Equal to 20 tons and less than 63.33 tons	EER: 10.70	\$820 per summer kW reduction
Equal to 63.33 tons and greater	EER: 10.38	\$820 per summer kW reduction

4.3 Rebate Amount for VFDs

The rebate amount is calculated based on a maximum of \$1,600 per summer kW reduction.

5. Incentives Processing

Incentive payments will be processed by providing a direct payment to the customer or designated payee after 45 days of receiving completed documentation and confirming eligibility and participation requirements are met, including receipt of the following documentation:

- One of the following providing specifications for the HVAC equipment:
 - Mechanical Schedules
 - Manufacturer Specification Sheets
 - Schedule of Values
- The AHRI Certificate verifying the efficiency certification of the installed HVAC system
- Original invoice or purchase order, which must contain the model number and quantity of units
- Pictures of the units installed to confirm proper installation
- The installing contractor's license (if applicable)
- A completed and signed rebate form.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings. Additionally, the program achievements will be reported in the Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of a rebate by FPL under the Program shall not be considered or relied upon by the customer to be confirmation that: (i) The customer has selected the proper HVAC system; and/or (ii) any of the underlying work performed by the contractor was done properly pursuant to the manufacturer's recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements.

FPL does not participate in or approve the selection of the HVAC system and does not manage or provide oversight of the work performed by the contractor selected by the customer. It is the sole responsibility of the customer to investigate and select an HVAC system that is appropriate for their specific application, perform their own due diligence in selecting the contractor, manage the contractor they select to perform the work, and take the necessary precautions they deem prudent to ensure the equipment, materials, and work meet their expectations.

FPL does not provide any supervision, control, or instructions to the contractor regarding the means and methods for performing any work that might be eligible for a rebate. This is entirely the responsibility of the contractor and the customer to manage, inspect, and accept the work performed by the contractor. FPL provides no guarantee or warranty regarding the amount of energy savings to be expected, the equipment, or the work provided by the contractor.

FPL Business Lighting Program Standards

1. Program Overview

The Business Lighting Program encourages customers to install high-efficiency lighting systems by providing incentives for the installation of qualifying lighting fixtures. Customers enroll in the program by submitting project details, including the number and size of qualifying lighting fixtures installed, and FPL provides the rebate through a direct payment to the customer. This program is delivered primarily through customer advisors and paid digital and online advertising. FPL also promotes the program through trade publications.

2. Eligibility Requirements

2.1 Customer Eligibility Requirements:

- The customer must have an active FPL business account.
- The customer must select LED lighting fixtures that meet all equipment specifications.

2.2 Lighting Fixture Specifications:

- The fixtures must replace existing less efficient interior lighting with a permanent LED fixture (including interior spaces in parking garages). The lighting fixture will not qualify if it is required by code.
- The fixtures must be ceiling mounted, fully integrated and hardwired, including Low, Medium, and High Bay fixtures.
- The fixtures must be new (i.e., cannot be refurbished, previously installed, or used).
- The fixtures must be listed on the Design Lights Consortium (DLC) or ENERGY STAR® website.
- The fixtures must operate during FPL’s seasonal summer on-peak periods (3:00 p.m. to 6:00 p.m. ET weekdays from June 1 through September 30).

3. Participation Requirements

- Customers must submit detailed project information, including the number and size of qualifying lighting fixtures installed.
- Customers must ensure that the installed lighting equipment meets the program's specifications.
- The customer must allow reasonable access for FPL representatives to inspect the lighting installation to verify compliance with program requirements.

4. Incentives

Fixture	Rebate (per Fixture)
LED Linear	\$10
LED (0-140 Watts)	\$20
LED (greater than 140 Watts)	\$40

5. Incentive Processing:

- Rebates are processed upon confirmation of the completed installation and submission of all required documentation.
- For the sole purpose of ensuring program compliance in order to issue the rebate, FPL reserves the right to verify any installation and will be the sole determiner of whether the requirements of these Program Standards have been met. Customer must allow access for this purpose.
- Incentive payments will be made as a direct payment to the customer or designated payee after 45 days of receipt of completed documentation and confirming eligibility and participation requirements are met.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings. Additionally, program achievements, including the number of projects completed and total energy savings achieved, will be reported in the Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of a rebate by FPL under the Program shall not be considered or relied upon by the customer to be confirmation that: (i) The customer has selected the proper lighting system; and/or (ii) any of the underlying work performed by the contractor was done properly pursuant to the manufacturer's recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements.

FPL does not participate in or approve the selection of the lighting system and does not manage or provide oversight of the work performed by the contractor selected by the customer. It is the sole responsibility of the customer to investigate and select a lighting system that is appropriate for their specific application, perform their own due diligence in selecting the contractor, manage the contractor they select to perform the work, and take the necessary precautions they deem prudent to ensure the equipment, materials, and work meet their expectations.

FPL does not provide any supervision, control, or instructions to the contractor regarding the means and methods for performing any work that might be eligible for a rebate. This is entirely the responsibility of the contractor and likewise the sole responsibility of the customer to manage and inspect the work performed by the contractor. FPL provides no guarantee or warranty regarding the amount of energy savings to be expected, the equipment, or the work provided by the contractor.

FPL Business Custom Incentive Program Standards

1. Program Overview

The Business Custom Incentive (BCI) Program helps business customers save energy by providing customized rebates for the installation of unique high-efficiency technologies not covered by other FPL Demand-Side Management (DSM) programs. This program encourages customers to install unique high-efficiency technologies and is primarily promoted through customer advisors as they become aware of potential projects. FPL will evaluate the energy and demand savings of the project and determine any potential rebate based on the program standards.

2. Eligibility Requirements

2.1 Customer Eligibility Requirements:

- The customer must have an active FPL business account.
- The customer must operate the equipment during FPL's seasonal summer on-peak periods (3:00 p.m. to 6:00 p.m. ET weekdays from June 1 through September 30).
- The customer must reduce their facility's electrical demand coincident with FPL's seasonal summer system peak by a minimum of 25 kW.

2.2 Project Requirements:

- The project must not be covered by any other FPL program.
- The project must be permanent (*i.e.*, not an operational, controls, or maintenance improvement) as determined by FPL.
- The equipment must be new (*i.e.*, cannot be refurbished, previously installed, or used) unless pre-approved by FPL.
- The equipment must not have been installed prior to the date of written acceptance of the customer's proposal by FPL.
- The equipment must not be installed later than one year after the acceptance date, unless pre-approved by FPL.
- The project must not adversely impact FPL's system reliability, equipment, or safety.
- The project must pass RIM or TRC and Participants test and not involve fuel switching.
- The project must not be based exclusively on a change or improvement to the customer's electrical equipment such as electrical wiring, transformers, electric distribution equipment, substation equipment, or transmission facilities.
- The project must be formally approved by FPL before installation.
- The project must be accessible for post-installation verification and performance monitoring for one year.

3. Participation Requirements

- Customers must submit detailed project proposals, including equipment specifications, energy and demand savings projections, verifiable cost information, and any other information that demonstrate compliance with program requirements.
- Customers must allow reasonable access for FPL representatives to inspect the equipment

installation and verify compliance with program requirements.

- The customer must cooperate with FPL's post-installation verification and performance monitoring for a period of one year following installation.

4. Incentives

4.1 Rebate Amount:

- The rebate amount is project-specific and based on the following Commission-approved cost-effectiveness testing results:
 - The payback to the customer must be greater than two (2) years.
 - The total rebate cannot exceed 25% of the incremental cost.
 - The total payment cannot exceed \$250,000.

4.2 Potential Adjustments:

- Once the monitoring and verification of the project are completed, the total rebate amount may be adjusted downward if the actual summer coincident peak demand savings is more than 15 percent below that stated in the project proposal. No upward adjustment will be made.
- Any adjustment will be based on the cost-effectiveness testing utilizing the actual savings and the same resource assumptions in effect at the time of FPL's approval of the customer's formal proposal.

5. Incentive Processing:

- Payment will be made upon satisfactory completion of the project installation, monitoring, and verification work, and all other Program Standards and contract requirements.

6. Reporting Requirements

Program costs will be reported to the Commission in FPL's Energy Conservation Cost Recovery (ECCR) True-Up and Projection filings. Additionally, program achievements, including the number of projects completed and total energy savings achieved, will be reported in the Demand-Side Management (DSM) Annual Report.

7. Disclaimers

The issuance of a rebate by FPL under the Program shall not be considered or relied upon by the customer to be confirmation that: (i) the customer has selected the proper equipment or conservation measure; and/or (ii) that any of the underlying work performed by the customer or a third party was done properly pursuant to the manufacturer recommendations and specifications, building codes, other applicable laws, industry standards, or individual contract requirements.

FPL does not participate in or approve the selection of the equipment, conservation measure, or third-party installer. FPL does not install the conservation measure for the customer and does not manage, supervise, control, or provide any oversight of the work performed for such installation by the customer or any third-party selected by the customer. It is the sole responsibility of the customer to

investigate and select the equipment and/or conservation measure that is appropriate for their specific application, manage any third party they select to perform the work, and to take the necessary precautions they deem prudent to ensure the equipment and work is proper and meets their expectations. FPL provides no guaranty or warranty regarding the amount of energy saving, the equipment, and/or the work performed by the customer or third party.

APPENDIX B – PROGRAM-LEVEL COST-EFFECTIVENESS ANALYSES

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	2.64 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	3.4043 kW
(3) kW LINE LOSS PERCENTAGE	5.283657933 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	2.40 kWh ****
(5) kWh LINE LOSS PERCENTAGE	4.193444662 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.02 kWh ****

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.36996
(5) K FACTOR FOR T & D.....	1.30645

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	8.10 %
* (11) UTILITY AFUDC RATE.....	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.3465858 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/kW
(6) BASE YEAR DISTRIBUTION COST	0 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.86790512 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	0 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.00795207 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.499 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	1.365
(2) TRC TEST.....	3.160
(3) PARTICIPANT TEST	Infinite

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	715	160	0	875	0	0	0	0	0	
2026	1,012	485	0	1,497	0	0	0	0	0	
2027	1,305	817	0	2,122	0	0	0	0	0	
2028	1,600	1,157	0	2,757	0	0	0	0	0	
2029	1,898	1,504	0	3,402	0	0	0	0	0	
2030	2,035	1,859	0	3,894	0	0	0	0	0	
2031	2,170	2,220	0	4,389	0	0	0	0	0	
2032	2,311	2,586	0	4,897	0	0	0	0	0	
2033	2,457	2,959	0	5,415	0	0	0	0	0	
2034	2,604	3,336	0	5,941	0	0	0	0	0	
2035	1,658	3,336	0	4,994	1	0	0	0	0	
2036	1,376	3,336	0	4,713	1	0	0	0	0	
2037	1,109	3,336	0	4,445	1	0	0	0	0	
2038	846	3,336	0	4,182	1	0	0	0	0	
2039	591	3,336	0	3,927	1	0	0	0	0	
2040	593	3,336	0	3,930	1	0	0	0	0	
2041	602	3,336	0	3,939	1	0	0	0	0	
2042	615	3,336	0	3,952	1	0	0	0	0	
2043	623	3,336	0	3,959	1	0	0	0	0	
2044	629	3,336	0	3,966	1	0	0	0	0	
2045	1,745	3,336	0	5,081	1	0	0	0	0	
2046	2,171	3,336	0	5,507	1	0	0	0	0	
2047	2,584	3,336	0	5,921	1	0	0	0	0	
2048	3,004	3,336	0	6,340	1	0	0	0	0	
2049	3,426	3,336	0	6,763	1	0	0	0	0	
2050	3,604	3,336	0	6,940	1	0	0	0	0	
2051	3,774	3,336	0	7,111	1	0	0	0	0	
2052	3,951	3,336	0	7,287	1	0	0	0	0	
2053	4,132	3,336	0	7,468	1	0	0	0	0	
2054	4,312	3,336	0	7,648	1	0	0	0	0	
2055	2,743	3,336	0	6,079	1	0	0	0	0	
2056	2,268	3,336	0	5,605	1	0	0	0	0	
2057	1,821	3,336	0	5,157	1	0	0	0	0	
2058	1,386	3,336	0	4,723	1	0	0	0	0	
2059	968	3,336	0	4,305	1	0	0	0	0	
2060	972	3,336	0	4,309	1	0	0	0	0	
2061	987	3,336	0	4,323	1	0	0	0	0	
2062	1,008	3,336	0	4,345	1	0	0	0	0	
2063	1,020	3,336	0	4,357	1	0	0	0	0	
2064	1,031	3,336	0	4,368	1	0	0	0	0	
2065	2,859	3,336	0	6,195	1	0	0	0	0	
2066	3,557	3,336	0	6,894	1	0	0	0	0	
2067	4,235	3,336	0	7,571	1	0	0	0	0	
2068	4,922	3,336	0	8,259	1	0	0	0	0	
2069	5,614	3,336	0	8,951	1	0	0	0	0	
2070	5,905	3,336	0	9,242	1	0	0	0	0	
2071	6,185	3,336	0	9,521	1	0	0	0	0	
2072	6,474	3,336	0	9,810	1	0	0	0	0	
2073	6,770	3,336	0	10,106	1	0	0	0	0	
2074	7,065	3,336	0	10,402	1	0	0	0	0	
2075	5,500	3,336	0	8,836	1	0	0	0	0	
2076	5,640	3,336	0	8,977	1	0	0	0	0	
2077	5,738	3,336	0	9,074	1	0	0	0	0	
2078	5,791	3,336	0	9,128	1	0	0	0	0	
2079	5,809	3,336	0	9,145	1	0	0	0	0	
2080	5,826	3,336	0	9,163	1	0	0	0	0	
2081	5,844	3,336	0	9,180	1	0	0	0	0	
2082	5,862	3,336	0	9,198	1	0	0	0	0	
NOM	173,254	177,232	0	350,486	41	0	0	0	0	
NPV	19,980	26,261	0	46,241	4	0	0	0	0	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:	
Column (1) used for:	Utility Cost Customer Equipment Supply Costs
Column (3) used for:	Customer O&M Cost Generator Fixed O&M T&D Fixed O&M Generator Variable O&M
Column (6) used for:	Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	156,636	2,221	0	9,896	1,847	2,629	56	3,124	1,678	0	21,451	21,451	21,451	156,183
2036	152,220	2,159	0	9,617	3,664	2,576	55	3,124	(233)	0	20,961	19,391	40,842	153,059
2037	147,282	2,089	0	9,305	5,276	2,523	54	3,124	(1,951)	0	20,419	17,475	58,318	149,936
2038	142,529	2,021	0	9,004	6,714	2,471	53	3,124	(3,490)	0	19,896	15,752	74,070	146,812
2039	137,949	1,956	0	8,715	7,989	2,418	52	3,124	(4,864)	0	19,390	14,202	88,272	143,688
2040	133,528	1,893	0	8,436	9,115	2,366	51	3,124	(6,085)	0	18,899	12,806	101,078	140,565
2041	129,255	1,833	0	8,166	10,102	2,313	49	3,124	(7,163)	0	18,424	11,548	112,626	137,441
2042	125,118	1,774	0	7,904	10,961	2,261	48	3,124	(8,112)	0	17,961	10,415	123,042	134,317
2043	121,057	1,717	0	7,648	11,801	2,208	47	3,124	(9,038)	0	17,506	9,391	132,433	131,194
2044	117,007	1,659	0	7,392	12,640	2,155	46	3,124	(9,964)	0	17,052	8,463	140,896	128,070
2045	112,957	1,602	0	7,136	13,480	2,103	45	3,124	(10,891)	0	16,598	7,621	148,516	124,946
2046	108,907	1,544	0	6,880	14,319	2,050	44	3,124	(11,817)	0	16,145	6,857	155,373	121,823
2047	104,857	1,487	0	6,624	15,159	1,998	43	3,124	(12,744)	0	15,691	6,165	161,538	118,699
2048	100,807	1,429	0	6,369	15,999	1,945	42	3,124	(13,670)	0	15,237	5,538	167,077	115,575
2049	96,756	1,372	0	6,113	16,838	1,893	40	3,124	(14,597)	0	14,783	4,971	172,048	112,452
2050	92,706	1,315	0	5,857	17,678	1,840	39	3,124	(15,523)	0	14,329	4,458	176,505	109,328
2051	88,656	1,257	0	5,601	18,517	1,787	38	3,124	(16,450)	0	13,875	3,993	180,499	106,204
2052	84,606	1,200	0	5,345	19,357	1,735	37	3,124	(17,376)	0	13,421	3,573	184,072	103,081
2053	80,556	1,142	0	5,089	20,197	1,682	36	3,124	(18,302)	0	12,968	3,194	187,266	99,957
2054	76,506	1,085	0	4,833	21,036	1,630	35	3,124	(19,229)	0	12,514	2,851	190,117	96,833
2055	72,454	1,033	0	4,603	21,887	1,577	34	3,124	(20,155)	0	12,099	2,550	192,667	93,710
2056	70,000	993	0	4,422	20,358	1,525	33	3,124	(18,691)	0	11,763	2,294	194,961	90,586
2057	67,544	958	0	4,267	19,638	1,472	31	3,124	(18,023)	0	11,467	2,069	197,030	87,462
2058	65,088	923	0	4,112	18,918	1,419	30	3,124	(17,356)	0	11,171	1,864	198,894	84,339
2059	62,631	888	0	3,957	18,198	1,367	29	3,124	(16,688)	0	10,874	1,679	200,573	81,215
2060	60,175	853	0	3,802	17,478	1,314	28	3,124	(16,021)	0	10,578	1,511	202,083	78,091
2061	57,719	818	0	3,646	16,757	1,262	27	3,124	(15,353)	0	10,282	1,358	203,442	74,968
2062	55,263	784	0	3,491	16,037	1,209	26	3,124	(14,686)	0	9,985	1,220	204,662	71,844
2063	52,807	749	0	3,336	15,317	1,157	25	3,124	(14,018)	0	9,689	1,096	205,758	68,721
2064	50,351	714	0	3,181	14,597	1,104	24	3,124	(13,351)	0	9,392	983	206,740	65,597
2065	47,895	679	0	3,026	13,877	1,051	22	3,124	(12,683)	0	9,096	880	207,621	62,473
2066	45,438	644	0	2,871	13,156	999	21	3,124	(12,015)	0	8,800	788	208,408	59,350
2067	42,982	610	0	2,715	12,436	946	20	3,124	(11,348)	0	8,503	704	209,113	56,226
2068	40,526	575	0	2,560	11,716	894	19	3,124	(10,680)	0	8,207	629	209,741	53,102
2069	38,070	540	0	2,405	10,996	841	18	3,124	(10,013)	0	7,911	561	210,302	49,979
2070	35,614	505	0	2,250	10,276	789	17	3,124	(9,345)	0	7,614	499	210,801	46,855
2071	33,158	470	0	2,095	9,555	736	16	3,124	(8,678)	0	7,318	444	211,245	43,731
2072	30,702	435	0	1,940	8,835	683	15	3,124	(8,010)	0	7,021	394	211,639	40,608
2073	28,246	401	0	1,784	8,115	631	13	3,124	(7,343)	0	6,725	349	211,989	37,484
2074	25,789	366	0	1,629	7,395	578	12	3,124	(6,675)	0	6,429	309	212,297	34,360
2075	23,333	331	0	1,474	6,675	526	11	3,124	(6,008)	0	6,132	272	212,570	31,237
2076	20,877	296	0	1,319	5,954	526	11	3,124	(5,340)	0	5,890	242	212,812	31,237
2077	18,421	261	0	1,164	5,234	526	11	3,124	(4,673)	0	5,647	215	213,027	31,237
2078	15,965	226	0	1,009	4,514	526	11	3,124	(4,005)	0	5,404	190	213,217	31,237
2079	13,509	192	0	853	3,794	526	11	3,124	(3,338)	0	5,162	168	213,385	31,237
2080	11,053	157	0	698	3,073	526	11	3,124	(2,670)	0	4,919	148	213,533	31,237
2081	8,596	122	0	543	2,353	526	11	3,124	(2,003)	0	4,676	130	213,663	31,237
2082	6,140	87	0	388	1,633	526	11	3,124	(1,335)	0	4,434	114	213,777	31,237
2083	3,684	52	0	233	913	526	11	3,124	(668)	0	4,191	100	213,877	31,237
2084	1,228	17	0	78	193	526	11	3,124	0	0	3,948	87	213,964	31,237

IN SERVICE COST (\$000)	156,183
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	5,286	5,286	3,124	3,124	3,124	3,124	1,678	24,495	0	0	0	1,678	4,029
2036	7.22%	10,176	15,462	3,124	6,247	3,124	6,247	(233)	24,495	0	0	0	(233)	3,796
2037	6.68%	9,412	24,874	3,124	9,371	3,124	9,371	(1,951)	24,495	0	0	0	(1,951)	1,845
2038	6.18%	8,707	33,582	3,124	12,495	3,124	12,495	(3,490)	24,495	0	0	0	(3,490)	(1,646)
2039	5.71%	8,053	41,635	3,124	15,618	3,124	15,618	(4,864)	24,495	0	0	0	(4,864)	(6,510)
2040	5.29%	7,450	49,085	3,124	18,742	3,124	18,742	(6,085)	24,495	0	0	0	(6,085)	(12,594)
2041	4.89%	6,890	55,975	3,124	21,866	3,124	21,866	(7,163)	24,495	0	0	0	(7,163)	(19,758)
2042	4.52%	6,374	62,349	3,124	24,989	3,124	24,989	(8,112)	24,495	0	0	0	(8,112)	(27,869)
2043	4.46%	6,290	68,639	3,124	28,113	3,124	28,113	(9,038)	24,495	0	0	0	(9,038)	(36,908)
2044	4.46%	6,288	74,927	3,124	31,237	3,124	31,237	(9,964)	24,495	0	0	0	(9,964)	(46,872)
2045	4.46%	6,290	81,217	3,124	34,360	3,124	34,360	(10,891)	24,495	0	0	0	(10,891)	(57,763)
2046	4.46%	6,288	87,505	3,124	37,484	3,124	37,484	(11,817)	24,495	0	0	0	(11,817)	(69,580)
2047	4.46%	6,290	93,795	3,124	40,608	3,124	40,608	(12,744)	24,495	0	0	0	(12,744)	(82,324)
2048	4.46%	6,288	100,083	3,124	43,731	3,124	43,731	(13,670)	24,495	0	0	0	(13,670)	(95,994)
2049	4.46%	6,290	106,373	3,124	46,855	3,124	46,855	(14,597)	24,495	0	0	0	(14,597)	(110,591)
2050	4.46%	6,288	112,662	3,124	49,979	3,124	49,979	(15,523)	24,495	0	0	0	(15,523)	(126,114)
2051	4.46%	6,290	118,951	3,124	53,102	3,124	53,102	(16,450)	24,495	0	0	0	(16,450)	(142,564)
2052	4.46%	6,288	125,240	3,124	56,226	3,124	56,226	(17,376)	24,495	0	0	0	(17,376)	(159,940)
2053	4.46%	6,290	131,529	3,124	59,350	3,124	59,350	(18,302)	24,495	0	0	0	(18,302)	(178,242)
2054	4.46%	6,288	137,818	3,124	62,473	3,124	62,473	(19,229)	24,495	0	0	0	(19,229)	(197,411)
2055	2.23%	3,145	140,963	3,124	65,597	3,124	65,597	(19,358)	24,495	0	0	0	(19,358)	(216,829)
2056	0.00%	0	140,963	3,124	68,721	3,124	68,721	(18,691)	24,495	0	0	0	(18,691)	(235,520)
2057	0.00%	0	140,963	3,124	71,844	3,124	71,844	(18,023)	24,495	0	0	0	(18,023)	(253,543)
2058	0.00%	0	140,963	3,124	74,968	3,124	74,968	(17,356)	24,495	0	0	0	(17,356)	(270,899)
2059	0.00%	0	140,963	3,124	78,091	3,124	78,091	(16,688)	24,495	0	0	0	(16,688)	(287,587)
2060	0.00%	0	140,963	3,124	81,215	3,124	81,215	(16,021)	24,495	0	0	0	(16,021)	(303,607)
2061	0.00%	0	140,963	3,124	84,339	3,124	84,339	(15,353)	24,495	0	0	0	(15,353)	(318,961)
2062	0.00%	0	140,963	3,124	87,462	3,124	87,462	(14,686)	24,495	0	0	0	(14,686)	(333,646)
2063	0.00%	0	140,963	3,124	90,586	3,124	90,586	(14,018)	24,495	0	0	0	(14,018)	(347,664)
2064	0.00%	0	140,963	3,124	93,710	3,124	93,710	(13,351)	24,495	0	0	0	(13,351)	(361,015)
2065	0.00%	0	140,963	3,124	96,833	3,124	96,833	(12,683)	24,495	0	0	0	(12,683)	(373,698)
2066	0.00%	0	140,963	3,124	99,957	3,124	99,957	(12,015)	24,495	0	0	0	(12,015)	(385,713)
2067	0.00%	0	140,963	3,124	103,081	3,124	103,081	(11,348)	24,495	0	0	0	(11,348)	(397,061)
2068	0.00%	0	140,963	3,124	106,204	3,124	106,204	(10,680)	24,495	0	0	0	(10,680)	(407,742)
2069	0.00%	0	140,963	3,124	109,328	3,124	109,328	(10,013)	24,495	0	0	0	(10,013)	(417,755)
2070	0.00%	0	140,963	3,124	112,452	3,124	112,452	(9,345)	24,495	0	0	0	(9,345)	(427,100)
2071	0.00%	0	140,963	3,124	115,575	3,124	115,575	(8,678)	24,495	0	0	0	(8,678)	(435,778)
2072	0.00%	0	140,963	3,124	118,699	3,124	118,699	(8,010)	24,495	0	0	0	(8,010)	(443,788)
2073	0.00%	0	140,963	3,124	121,823	3,124	121,823	(7,343)	24,495	0	0	0	(7,343)	(451,131)
2074	0.00%	0	140,963	3,124	124,946	3,124	124,946	(6,675)	24,495	0	0	0	(6,675)	(457,806)
2075	0.00%	0	140,963	3,124	128,070	3,124	128,070	(6,008)	24,495	0	0	0	(6,008)	(463,814)
2076	0.00%	0	140,963	3,124	131,194	3,124	131,194	(5,340)	24,495	0	0	0	(5,340)	(469,154)
2077	0.00%	0	140,963	3,124	134,317	3,124	134,317	(4,673)	24,495	0	0	0	(4,673)	(473,827)
2078	0.00%	0	140,963	3,124	137,441	3,124	137,441	(4,005)	24,495	0	0	0	(4,005)	(477,832)
2079	0.00%	0	140,963	3,124	140,565	3,124	140,565	(3,338)	24,495	0	0	0	(3,338)	(481,170)
2080	0.00%	0	140,963	3,124	143,688	3,124	143,688	(2,670)	24,495	0	0	0	(2,670)	(483,840)
2081	0.00%	0	140,963	3,124	146,812	3,124	146,812	(2,003)	24,495	0	0	0	(2,003)	(485,842)
2082	0.00%	0	140,963	3,124	149,936	3,124	149,936	(1,335)	24,495	0	0	0	(1,335)	(487,177)
2083	0.00%	0	140,963	3,124	153,059	3,124	153,059	(668)	24,495	0	0	0	(668)	(487,845)
2084	0.00%	0	140,963	3,124	156,183	3,124	156,183	0	24,495	0	0	0	0	(487,845)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	2,351
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	24,495
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2035	3.75%	5,286	1,678	153,059	3,124	4,029	158,534	154,738	156,636
2036	7.22%	10,176	(233)	149,936	6,247	3,796	154,738	149,702	152,220
2037	6.68%	9,412	(1,951)	146,812	9,371	1,845	149,702	144,861	147,282
2038	6.18%	8,707	(3,490)	143,688	12,495	(1,646)	144,861	140,198	142,529
2039	5.71%	8,053	(4,864)	140,565	15,618	(6,510)	140,198	135,701	137,949
2040	5.29%	7,450	(6,085)	137,441	18,742	(12,594)	135,701	131,356	133,528
2041	4.89%	6,890	(7,163)	134,317	21,866	(19,758)	131,356	127,154	129,255
2042	4.52%	6,374	(8,112)	131,194	24,989	(27,869)	127,154	123,082	125,118
2043	4.46%	6,290	(9,038)	128,070	28,113	(36,908)	123,082	119,032	121,057
2044	4.46%	6,288	(9,964)	124,946	31,237	(46,872)	119,032	114,982	117,007
2045	4.46%	6,290	(10,891)	121,823	34,360	(57,763)	114,982	110,932	112,957
2046	4.46%	6,288	(11,817)	118,699	37,484	(69,580)	110,932	106,882	108,907
2047	4.46%	6,290	(12,744)	115,575	40,608	(82,324)	106,882	102,832	104,857
2048	4.46%	6,288	(13,670)	112,452	43,731	(95,994)	102,832	98,782	100,807
2049	4.46%	6,290	(14,597)	109,328	46,855	(110,591)	98,782	94,731	96,756
2050	4.46%	6,288	(15,523)	106,204	49,979	(126,114)	94,731	90,681	92,706
2051	4.46%	6,290	(16,450)	103,081	53,102	(142,564)	90,681	86,631	88,656
2052	4.46%	6,288	(17,376)	99,957	56,226	(159,940)	86,631	82,581	84,606
2053	4.46%	6,290	(18,302)	96,833	59,350	(178,242)	82,581	78,531	80,556
2054	4.46%	6,288	(19,229)	93,710	62,473	(197,471)	78,531	74,481	76,506
2055	2.23%	3,145	(19,358)	90,586	65,597	(216,829)	74,481	71,228	72,854
2056	0.00%	0	(18,691)	87,462	68,721	(235,520)	71,228	68,772	70,000
2057	0.00%	0	(18,023)	84,339	71,844	(253,543)	68,772	66,316	67,544
2058	0.00%	0	(17,356)	81,215	74,968	(270,899)	66,316	63,859	65,088
2059	0.00%	0	(16,688)	78,091	78,091	(287,587)	63,859	61,403	62,631
2060	0.00%	0	(16,021)	74,968	81,215	(303,607)	61,403	58,947	60,175
2061	0.00%	0	(15,353)	71,844	84,339	(318,961)	58,947	56,491	57,719
2062	0.00%	0	(14,686)	68,721	87,462	(333,646)	56,491	54,035	55,263
2063	0.00%	0	(14,018)	65,597	90,586	(347,664)	54,035	51,579	52,807
2064	0.00%	0	(13,351)	62,473	93,710	(361,015)	51,579	49,123	50,351
2065	0.00%	0	(12,683)	59,350	96,833	(373,698)	49,123	46,667	47,895
2066	0.00%	0	(12,015)	56,226	99,957	(385,713)	46,667	44,210	45,438
2067	0.00%	0	(11,348)	53,102	103,081	(397,061)	44,210	41,754	42,982
2068	0.00%	0	(10,680)	49,979	106,204	(407,742)	41,754	39,298	40,526
2069	0.00%	0	(10,013)	46,855	109,328	(417,755)	39,298	36,842	38,070
2070	0.00%	0	(9,345)	43,731	112,452	(427,100)	36,842	34,386	35,614
2071	0.00%	0	(8,678)	40,608	115,575	(435,778)	34,386	31,930	33,158
2072	0.00%	0	(8,010)	37,484	118,699	(443,788)	31,930	29,474	30,702
2073	0.00%	0	(7,343)	34,360	121,823	(451,131)	29,474	27,017	28,246
2074	0.00%	0	(6,675)	31,237	124,946	(457,806)	27,017	24,561	25,789
2075	0.00%	0	(6,008)	28,113	128,070	(463,814)	24,561	22,105	23,333
2076	0.00%	0	(5,340)	24,989	131,194	(469,154)	22,105	19,649	20,877
2077	0.00%	0	(4,673)	21,866	134,317	(473,827)	19,649	17,193	18,421
2078	0.00%	0	(4,005)	18,742	137,441	(477,832)	17,193	14,737	15,965
2079	0.00%	0	(3,338)	15,618	140,565	(481,170)	14,737	12,281	13,509
2080	0.00%	0	(2,670)	12,495	143,688	(483,840)	12,281	9,825	11,053
2081	0.00%	0	(2,003)	9,371	146,812	(485,842)	9,825	7,368	8,596
2082	0.00%	0	(1,335)	6,247	149,936	(487,177)	7,368	4,912	6,140
2083	0.00%	0	(668)	3,124	153,059	(487,845)	4,912	2,456	3,684
2084	0.00%	0	0	0	156,183	(487,845)	2,456	0	1,228

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(2) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	124,573	124,573	124,573
EQUITY AFUDC	24,495		
DEBT AFUDC	7,115	7,115	
CPI			16,389
IIC Basis Reduction (Solar)			
TOTAL	156,183	131,688	140,963

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	3,492	3,492	2.97	4.08	2.97	0.00	1.00	1.00
2026	7,072	7,072	3.41	4.22	3.41	0.00	1.00	1.00
2027	10,737	10,737	3.37	3.79	3.37	0.00	1.00	1.00
2028	14,484	14,484	3.51	3.97	3.51	0.00	1.00	1.00
2029	18,309	18,309	3.59	4.12	3.59	0.00	1.00	1.00
2030	22,208	22,208	3.29	3.86	3.29	0.00	1.00	1.00
2031	26,175	26,175	3.07	3.84	3.07	0.00	1.00	1.00
2032	30,206	30,206	2.95	3.77	2.95	0.00	1.00	1.00
2033	34,294	34,294	3.33	3.96	3.33	6.88	1.00	1.00
2034	38,435	38,435	3.53	4.20	3.53	6.98	1.00	1.00
2035	38,435	38,435	3.86	4.38	3.86	7.13	1.00	1.00
2036	38,435	38,435	4.00	4.51	4.00	6.98	1.00	1.00
2037	38,435	38,435	4.20	4.66	4.20	7.15	1.00	1.00
2038	38,435	38,435	4.53	5.09	4.53	7.22	1.00	1.00
2039	38,435	38,435	4.72	5.25	4.72	7.16	1.00	1.00
2040	38,435	38,435	5.06	5.54	5.06	7.38	1.00	1.00
2041	38,435	38,435	5.39	5.95	5.39	7.51	1.00	1.00
2042	38,435	38,435	5.49	6.22	5.49	7.59	1.00	1.00
2043	38,435	38,435	5.72	6.05	5.72	7.82	1.00	1.00
2044	38,435	38,435	6.11	6.59	6.11	8.08	1.00	1.00
2045	38,435	38,435	6.50	7.14	6.50	8.49	1.00	1.00
2046	38,435	38,435	6.71	7.25	6.71	8.36	1.00	1.00
2047	38,435	38,435	7.07	7.31	7.07	8.85	1.00	1.00
2048	38,435	38,435	7.41	7.81	7.41	9.24	1.00	1.00
2049	38,435	38,435	7.89	8.28	7.89	9.55	1.00	1.00
2050	38,435	38,435	8.54	9.15	8.54	10.09	1.00	1.00
2051	38,435	38,435	8.49	9.06	8.49	10.16	1.00	1.00
2052	38,435	38,435	8.54	9.07	8.54	10.08	1.00	1.00
2053	38,435	38,435	8.58	9.02	8.58	10.06	1.00	1.00
2054	38,435	38,435	8.61	8.90	8.61	9.85	1.00	1.00
2055	38,435	38,435	8.57	8.99	8.57	9.91	1.00	1.00
2056	38,435	38,435	8.54	8.92	8.54	9.73	1.00	1.00
2057	38,435	38,435	8.59	8.79	8.59	9.80	1.00	1.00
2058	38,435	38,435	8.51	8.67	8.51	9.59	1.00	1.00
2059	38,435	38,435	8.55	8.81	8.55	9.63	1.00	1.00
2060	38,435	38,435	8.59	8.79	8.59	9.54	1.00	1.00
2061	38,435	38,435	8.43	8.56	8.43	9.45	1.00	1.00
2062	38,435	38,435	8.42	8.75	8.42	9.27	1.00	1.00
2063	38,435	38,435	8.49	8.81	8.49	9.73	1.00	1.00
2064	38,435	38,435	8.47	8.45	8.47	9.62	1.00	1.00
2065	38,435	38,435	8.37	8.61	8.37	9.50	1.00	1.00
2066	38,435	38,435	8.32	8.52	8.32	9.49	1.00	1.00
2067	38,435	38,435	8.33	8.51	8.33	9.47	1.00	1.00
2068	38,435	38,435	8.39	8.39	8.39	9.42	1.00	1.00
2069	38,435	38,435	8.39	8.39	8.39	9.50	1.00	1.00
2070	38,435	38,435	8.39	8.39	8.39	9.30	1.00	1.00
2071	38,435	38,435	8.39	8.39	8.39	9.26	1.00	1.00
2072	38,435	38,435	8.39	8.39	8.39	9.22	1.00	1.00
2073	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2074	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2075	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2076	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2077	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2078	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2079	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2080	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2081	38,435	38,435	8.39	8.39	8.39	9.18	1.00	1.00
2082	38,435	38,435	8.39	8.39	8.39	9.18	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: **2025 DSM Plan - Residential On-Call (ROC)**

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	21,451	2,088	80	48419	53116	18922
2036	20,961	2,141	88	51101	56026	18265
2037	20,419	2,194	91	53076	58163	17618
2038	19,896	2,249	98	55853	61281	16815
2039	19,390	2,305	104	58144	63173	16770
2040	18,899	2,363	108	60499	66011	15859
2041	18,424	2,422	117	64711	70551	15122
2042	17,961	2,482	118	64507	70474	14594
2043	17,506	2,545	121	66633	72625	14179
2044	17,052	2,608	127	70114	76912	12989
2045	16,598	2,673	132	75099	81754	12748
2046	16,145	2,740	138	75270	82416	11877
2047	15,691	2,809	142	79706	87189	11158
2048	15,237	2,879	144	82559	90020	10799
2049	14,783	2,951	151	86806	95258	9432
2050	14,329	3,025	156	91979	101785	7704
2051	13,875	3,100	160	93220	102435	7920
2052	13,421	3,178	162	91064	100490	7335
2053	12,968	3,257	170	92484	102659	6220
2054	12,514	3,339	176	91748	101581	6196
2055	12,099	3,422	181	91697	102243	5156
2056	11,763	3,508	185	89954	100338	5072
2057	11,467	3,595	192	91777	102221	4811
2058	11,171	3,685	199	90655	101133	4577
2059	10,874	3,777	202	90035	100449	4439
2060	10,578	3,872	207	88940	99497	4100
2061	10,282	3,969	210	87220	97454	4225
2062	9,985	4,068	217	87365	96646	4989
2063	9,689	4,169	223	91746	101529	4298
2064	9,392	4,274	231	90529	101444	2982
2065	9,096	4,381	234	89399	99061	4049
2066	8,800	4,490	240	88940	98945	3524
2067	8,503	4,602	246	89409	98727	4033
2068	8,207	4,717	252	88690	98266	3600
2069	7,911	4,835	258	89618	99095	3527
2070	7,614	4,956	265	86843	96992	2687
2071	7,318	5,080	271	86332	96578	2424
2072	7,021	5,207	278	85821	96164	2164
2073	6,725	5,337	285	85310	95751	1907
2074	6,429	5,471	292	85310	95751	1751
2075	6,132	5,608	300	85310	95751	1599
2076	5,890	5,748	307	85310	95751	1504
2077	5,647	5,891	315	85310	95751	1413
2078	5,404	6,039	323	85310	95751	1325
2079	5,162	6,190	331	85310	95751	1241
2080	4,919	6,344	339	85310	95751	1162
2081	4,676	6,503	347	85310	95751	1086
2082	4,434	6,666	356	85310	95751	1015
NOM	564,710	189,752	9,867	3,911,064	4,338,210	337,183
NPV	83,996.94	14,615.70	711	361,431	397,617	63,138

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential On-Call (ROC)

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	1	0
2027	0	0	0	0	0	0	1	1
2028	0	0	0	0	0	0	1	1
2029	0	0	0	0	0	0	2	1
2030	0	0	0	0	0	0	2	2
2031	0	0	0	0	0	0	2	2
2032	0	0	0	0	0	0	3	2
2033	0	0	0	0	0	0	3	2
2034	0	0	0	0	0	0	4	3
2035	0	0	0	0	0	0	4	3
2036	0	0	0	0	0	0	4	4
2037	0	0	0	0	0	0	4	4
2038	0	0	0	0	0	0	5	4
2039	0	0	0	0	0	0	5	4
2040	0	0	0	0	0	0	5	4
2041	0	0	0	0	0	0	6	5
2042	0	0	0	0	0	0	6	5
2043	0	0	0	0	0	0	6	5
2044	0	0	0	0	0	0	6	5
2045	0	0	0	0	0	0	7	6
2046	0	0	0	0	0	0	7	6
2047	0	0	0	0	0	0	7	6
2048	0	0	0	0	0	0	7	7
2049	0	0	0	0	0	0	8	7
2050	0	0	0	0	0	0	9	8
2051	0	0	0	0	0	0	9	8
2052	0	0	0	0	0	0	9	8
2053	0	0	0	0	0	0	8	8
2054	0	0	0	0	0	0	8	8
2055	0	0	0	0	0	0	8	8
2056	0	0	0	0	0	0	8	8
2057	0	0	0	0	0	0	8	8
2058	0	0	0	0	0	0	8	8
2059	0	0	0	0	0	0	8	8
2060	0	0	0	0	0	0	8	8
2061	0	0	0	0	0	0	8	7
2062	0	0	0	0	0	0	8	7
2063	0	0	0	0	0	0	8	8
2064	0	0	0	0	0	0	8	8
2065	0	0	0	0	0	0	8	7
2066	0	0	0	0	0	0	8	7
2067	0	0	0	0	0	0	8	7
2068	0	0	0	0	0	0	8	7
2069	0	0	0	0	0	0	8	7
2070	0	0	0	0	0	0	8	7
2071	0	0	0	0	0	0	8	7
2072	0	0	0	0	0	0	8	7
2073	0	0	0	0	0	0	8	7
2074	0	0	0	0	0	0	8	7
2075	0	0	0	0	0	0	8	7
2076	0	0	0	0	0	0	8	7
2077	0	0	0	0	0	0	8	7
2078	0	0	0	0	0	0	8	7
2079	0	0	0	0	0	0	8	7
2080	0	0	0	0	0	0	8	7
2081	0	0	0	0	0	0	8	7
2082	0	0	0	0	0	0	8	7
NOM	0	0.00	0	0	0	0	370	337
NPV	0	0	0	0	0	0	42	36

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	3	3	0	0	(0)
2036	3	3	0	0	(0)
2037	3	3	0	0	(0)
2038	3	4	0	0	(0)
2039	3	4	0	0	(0)
2040	3	4	0	0	(0)
2041	4	4	0	0	(0)
2042	3	4	0	0	(0)
2043	3	4	0	0	(0)
2044	4	4	0	0	(0)
2045	4	4	0	0	(0)
2046	4	4	0	0	(0)
2047	4	4	0	0	(0)
2048	4	4	0	0	(0)
2049	4	4	0	0	(0)
2050	4	4	0	0	(0)
2051	4	4	0	0	(0)
2052	4	4	0	0	(0)
2053	4	4	0	0	(0)
2054	4	4	0	0	(0)
2055	4	4	0	0	(0)
2056	4	4	0	0	(0)
2057	4	4	0	0	(0)
2058	4	4	0	0	(0)
2059	4	4	0	0	(0)
2060	4	4	0	0	(0)
2061	4	4	0	0	(0)
2062	4	4	0	0	(0)
2063	4	4	0	0	(0)
2064	4	4	0	0	(0)
2065	4	4	0	0	(0)
2066	4	4	0	0	(0)
2067	4	4	0	0	(0)
2068	4	4	0	0	(0)
2069	4	4	0	0	(0)
2070	4	4	0	0	(0)
2071	4	4	0	0	(0)
2072	4	4	0	0	(0)
2073	4	4	0	0	(0)
2074	4	4	0	0	(0)
2075	4	4	0	0	(0)
2076	4	4	0	0	(0)
2077	4	4	0	0	(0)
2078	4	4	0	0	(0)
2079	4	4	0	0	(0)
2080	4	4	0	0	(0)
2081	4	4	0	0	(0)
2082	4	4	0	0	(0)
NOM	180	202	0	0	(22)
NPV	18	20	0	0	(2)

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	715	0	0	715	0	0	0	0	0	(715)	(612)
2026	0	1,012	0	0	1,012	0	0	0	0	0	(1,012)	(1,413)
2027	0	1,305	0	0	1,305	0	0	0	0	0	(1,304)	(2,368)
2028	0	1,600	0	0	1,600	0	0	0	0	0	(1,600)	(3,452)
2029	0	1,898	0	0	1,898	0	0	0	0	0	(1,897)	(4,642)
2030	0	2,035	0	0	2,035	0	0	0	0	0	(2,035)	(5,821)
2031	0	2,170	0	0	2,170	0	0	1	0	1	(2,169)	(6,985)
2032	0	2,311	0	0	2,311	0	0	1	0	1	(2,310)	(8,132)
2033	0	2,457	0	0	2,457	0	0	1	0	1	(2,456)	(9,259)
2034	0	2,604	0	0	2,604	0	0	1	0	1	(2,603)	(10,365)
2035	0	1,658	0	0	1,658	18,922	0	1	(0)	18,923	17,265	(3,581)
2036	0	1,376	0	0	1,376	18,265	0	1	(0)	18,265	16,889	2,558
2037	0	1,109	0	0	1,109	17,618	0	1	(0)	17,618	16,510	8,110
2038	0	846	0	0	846	16,815	0	1	(0)	16,816	15,970	13,078
2039	0	591	0	0	591	16,770	0	1	(0)	16,770	16,179	17,734
2040	0	593	0	0	593	15,859	0	1	(0)	15,860	15,266	21,798
2041	0	602	0	0	602	15,122	0	1	(0)	15,123	14,520	25,374
2042	0	615	0	0	615	14,594	0	1	(0)	14,595	13,980	28,560
2043	0	623	0	0	623	14,179	0	1	(0)	14,179	13,556	31,417
2044	0	629	0	0	629	12,989	0	1	(0)	12,990	12,360	33,827
2045	0	1,745	0	0	1,745	12,748	0	1	(0)	12,749	11,004	35,812
2046	0	2,171	0	0	2,171	11,877	0	1	(0)	11,877	9,706	37,432
2047	0	2,584	0	0	2,584	11,158	0	1	(0)	11,158	8,574	38,756
2048	0	3,004	0	0	3,004	10,799	0	1	(0)	10,799	7,795	39,869
2049	0	3,426	0	0	3,426	9,432	0	1	(0)	9,432	6,006	40,663
2050	0	3,604	0	0	3,604	7,704	0	1	(0)	7,705	4,101	41,164
2051	0	3,774	0	0	3,774	7,920	0	1	(0)	7,921	4,147	41,633
2052	0	3,951	0	0	3,951	7,335	0	1	(0)	7,335	3,385	41,987
2053	0	4,132	0	0	4,132	6,220	0	1	(0)	6,220	2,089	42,189
2054	0	4,312	0	0	4,312	6,196	0	1	(0)	6,196	1,884	42,358
2055	0	2,743	0	0	2,743	5,156	0	1	(0)	5,156	2,413	42,558
2056	0	2,268	0	0	2,268	5,072	0	1	(0)	5,072	2,804	42,772
2057	0	1,821	0	0	1,821	4,811	0	1	(0)	4,811	2,990	42,984
2058	0	1,386	0	0	1,386	4,577	0	1	(0)	4,577	3,191	43,194
2059	0	968	0	0	968	4,439	0	1	(0)	4,439	3,471	43,404
2060	0	972	0	0	972	4,100	0	1	(0)	4,100	3,128	43,580
2061	0	987	0	0	987	4,225	0	0	(0)	4,225	3,238	43,748
2062	0	1,008	0	0	1,008	4,989	0	1	(0)	4,990	3,981	43,939
2063	0	1,020	0	0	1,020	4,298	0	1	(0)	4,298	3,278	44,085
2064	0	1,031	0	0	1,031	2,982	0	0	(0)	2,982	1,950	44,165
2065	0	2,859	0	0	2,859	4,049	0	1	(0)	4,049	1,190	44,210
2066	0	3,557	0	0	3,557	3,524	0	1	(0)	3,524	(33)	44,209
2067	0	4,235	0	0	4,235	4,033	0	0	(0)	4,033	(201)	44,202
2068	0	4,922	0	0	4,922	3,600	0	0	(0)	3,600	(1,322)	44,163
2069	0	5,614	0	0	5,614	3,527	0	0	(0)	3,527	(2,088)	44,104
2070	0	5,905	0	0	5,905	2,687	0	0	(0)	2,687	(3,219)	44,021
2071	0	6,185	0	0	6,185	2,424	0	0	(0)	2,423	(3,761)	43,932
2072	0	6,474	0	0	6,474	2,164	0	0	(0)	2,163	(4,310)	43,837
2073	0	6,770	0	0	6,770	1,907	0	0	(0)	1,907	(4,863)	43,738
2074	0	7,065	0	0	7,065	1,751	0	0	(0)	1,751	(5,314)	43,637
2075	0	5,500	0	0	5,500	1,599	0	0	(0)	1,599	(3,901)	43,569
2076	0	5,640	0	0	5,640	1,504	0	0	(0)	1,504	(4,137)	43,502
2077	0	5,738	0	0	5,738	1,413	0	0	(0)	1,412	(4,326)	43,438
2078	0	5,791	0	0	5,791	1,325	0	0	(0)	1,325	(4,467)	43,376
2079	0	5,809	0	0	5,809	1,241	0	0	(0)	1,241	(4,568)	43,318
2080	0	5,826	0	0	5,826	1,162	0	0	(0)	1,161	(4,665)	43,262
2081	0	5,844	0	0	5,844	1,086	0	0	(0)	1,086	(4,758)	43,210
2082	0	5,862	0	0	5,862	1,015	0	0	(0)	1,014	(4,848)	43,161
NOM	0	173,254	0	0	173,254	337,183.10	0	32	(22)	337,193	163,939	
NPV	0	19,980	0	0	19,980	63,138	0	6	(2)	63,141.57	43,161	

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

8.10 %
3.16

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	160	0	160	0	0	0	0	160	137
2026	0	0	485	0	485	0	0	0	0	485	521
2027	0	0	817	0	817	0	0	0	0	817	1,119
2028	0	0	1,157	0	1,157	0	0	0	0	1,157	1,903
2029	0	0	1,504	0	1,505	0	0	0	0	1,505	2,847
2030	0	0	1,859	0	1,859	0	0	0	0	1,859	3,925
2031	0	0	2,220	0	2,220	0	0	0	0	2,220	5,116
2032	0	0	2,586	0	2,587	0	0	0	0	2,587	6,399
2033	1	0	2,959	0	2,959	0	0	0	0	2,959	7,758
2034	1	0	3,336	0	3,337	0	0	0	0	3,337	9,175
2035	1	0	3,336	0	3,337	0	0	0	0	3,337	10,487
2036	1	0	3,336	0	3,337	0	0	0	0	3,337	11,700
2037	1	0	3,336	0	3,337	0	0	0	0	3,337	12,822
2038	1	0	3,336	0	3,337	0	0	0	0	3,337	13,860
2039	1	0	3,336	0	3,337	0	0	0	0	3,337	14,820
2040	1	0	3,336	0	3,337	0	0	0	0	3,337	15,709
2041	1	0	3,336	0	3,337	0	0	0	0	3,337	16,531
2042	1	0	3,336	0	3,337	0	0	0	0	3,337	17,291
2043	1	0	3,336	0	3,337	0	0	0	0	3,337	17,995
2044	1	0	3,336	0	3,337	0	0	0	0	3,337	18,645
2045	1	0	3,336	0	3,337	0	0	0	0	3,337	19,247
2046	1	0	3,336	0	3,337	0	0	0	0	3,337	19,804
2047	1	0	3,336	0	3,337	0	0	0	0	3,337	20,319
2048	1	0	3,336	0	3,337	0	0	0	0	3,337	20,796
2049	1	0	3,336	0	3,337	0	0	0	0	3,337	21,237
2050	1	0	3,336	0	3,337	0	0	0	0	3,337	21,645
2051	1	0	3,336	0	3,337	0	0	0	0	3,337	22,022
2052	1	0	3,336	0	3,337	0	0	0	0	3,337	22,371
2053	1	0	3,336	0	3,337	0	0	0	0	3,337	22,694
2054	1	0	3,336	0	3,337	0	0	0	0	3,337	22,993
2055	1	0	3,336	0	3,337	0	0	0	0	3,337	23,270
2056	1	0	3,336	0	3,337	0	0	0	0	3,337	23,525
2057	1	0	3,336	0	3,337	0	0	0	0	3,337	23,762
2058	1	0	3,336	0	3,337	0	0	0	0	3,337	23,981
2059	1	0	3,336	0	3,337	0	0	0	0	3,337	24,183
2060	1	0	3,336	0	3,338	0	0	0	0	3,338	24,370
2061	1	0	3,336	0	3,338	0	0	0	0	3,338	24,544
2062	1	0	3,336	0	3,338	0	0	0	0	3,338	24,704
2063	1	0	3,336	0	3,338	0	0	0	0	3,338	24,852
2064	1	0	3,336	0	3,338	0	0	0	0	3,338	24,990
2065	1	0	3,336	0	3,338	0	0	0	0	3,338	25,116
2066	1	0	3,336	0	3,338	0	0	0	0	3,338	25,234
2067	1	0	3,336	0	3,338	0	0	0	0	3,338	25,342
2068	1	0	3,336	0	3,338	0	0	0	0	3,338	25,443
2069	1	0	3,336	0	3,338	0	0	0	0	3,338	25,536
2070	1	0	3,336	0	3,338	0	0	0	0	3,338	25,622
2071	1	0	3,336	0	3,338	0	0	0	0	3,338	25,701
2072	1	0	3,336	0	3,338	0	0	0	0	3,338	25,775
2073	1	0	3,336	0	3,338	0	0	0	0	3,338	25,843
2074	1	0	3,336	0	3,338	0	0	0	0	3,338	25,906
2075	1	0	3,336	0	3,338	0	0	0	0	3,338	25,964
2076	1	0	3,336	0	3,338	0	0	0	0	3,338	26,018
2077	1	0	3,336	0	3,338	0	0	0	0	3,338	26,068
2078	1	0	3,336	0	3,338	0	0	0	0	3,338	26,114
2079	1	0	3,336	0	3,338	0	0	0	0	3,338	26,157
2080	2	0	3,336	0	3,338	0	0	0	0	3,338	26,196
2081	2	0	3,336	0	3,338	0	0	0	0	3,338	26,233
2082	2	0	3,336	0	3,338	0	0	0	0	3,338	26,267
NOM	54	0	177,232	0	177,287	0	0	0	0	177,287	
NPV	6	0	26,261	0	26,267	0	0	0	0	26,267	

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

2035
 8.10 %
 Infinite

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential On-Call (ROC)

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	715	160	0	0	875	0	0	0	0	(875)	(749)	
2026	0	1,012	485	0	0	1,497	0	0	0	0	(1,496)	(1,934)	
2027	0	1,305	817	0	0	2,122	0	0	0	0	(2,122)	(3,488)	
2028	0	1,600	1,157	0	0	2,757	0	0	0	0	(2,757)	(5,356)	
2029	0	1,898	1,504	0	0	3,402	0	0	0	0	(3,402)	(7,488)	
2030	0	2,035	1,859	0	0	3,894	0	0	0	0	(3,894)	(9,746)	
2031	0	2,170	2,220	0	0	4,390	1	0	0	1	(4,389)	(12,100)	
2032	0	2,311	2,586	0	0	4,898	1	0	0	1	(4,897)	(14,531)	
2033	0	2,457	2,959	0	0	5,416	1	0	0	1	(5,415)	(17,017)	
2034	0	2,604	3,336	0	0	5,941	1	0	0	1	(5,940)	(19,540)	
2035	0	1,658	3,336	1	0	4,995	18,923	0	0	(0)	18,923	(14,067)	
2036	0	1,376	3,336	1	0	4,713	18,265	0	0	(0)	18,265	(9,141)	
2037	0	1,109	3,336	1	0	4,446	17,619	0	0	(0)	17,618	(4,712)	
2038	0	846	3,336	1	0	4,183	16,816	0	0	(0)	16,816	(782)	
2039	0	591	3,336	1	0	3,928	16,771	0	0	(0)	16,770	2,914	
2040	0	593	3,336	1	0	3,930	15,860	0	0	(0)	15,860	6,090	
2041	0	602	3,336	1	0	3,939	15,123	0	0	(0)	15,123	8,844	
2042	0	615	3,336	1	0	3,952	14,596	0	0	(0)	14,595	11,269	
2043	0	623	3,336	1	0	3,960	14,180	0	0	(0)	14,179	13,423	
2044	0	629	3,336	1	0	3,966	12,990	0	0	(0)	12,990	15,183	
2045	0	1,745	3,336	1	0	5,082	12,749	0	0	(0)	12,749	16,566	
2046	0	2,171	3,336	1	0	5,508	11,878	0	0	(0)	11,877	17,629	
2047	0	2,584	3,336	1	0	5,921	11,158	0	0	(0)	11,158	18,437	
2048	0	3,004	3,336	1	0	6,341	10,800	0	0	(0)	10,799	19,074	
2049	0	3,426	3,336	1	0	6,763	9,433	0	0	(0)	9,432	19,427	
2050	0	3,604	3,336	1	0	6,941	7,705	0	0	(0)	7,705	19,520	
2051	0	3,774	3,336	1	0	7,111	7,921	0	0	(0)	7,921	19,612	
2052	0	3,951	3,336	1	0	7,288	7,336	0	0	(0)	7,335	19,617	
2053	0	4,132	3,336	1	0	7,469	6,221	0	0	(0)	6,220	19,496	
2054	0	4,312	3,336	1	0	7,649	6,196	0	0	(0)	6,196	19,366	
2055	0	2,743	3,336	1	0	6,080	5,157	0	0	(0)	5,156	19,289	
2056	0	2,268	3,336	1	0	5,605	5,073	0	0	(0)	5,072	19,248	
2057	0	1,821	3,336	1	0	5,158	4,811	0	0	(0)	4,811	19,224	
2058	0	1,386	3,336	1	0	4,724	4,578	0	0	(0)	4,577	19,214	
2059	0	968	3,336	1	0	4,305	4,440	0	0	(0)	4,439	19,222	
2060	0	972	3,336	1	0	4,310	4,100	0	0	(0)	4,100	19,210	
2061	0	987	3,336	1	0	4,324	4,226	0	0	(0)	4,225	19,205	
2062	0	1,008	3,336	1	0	4,346	4,990	0	0	(0)	4,990	19,236	
2063	0	1,020	3,336	1	0	4,358	4,299	0	0	(0)	4,298	19,234	
2064	0	1,031	3,336	1	0	4,369	2,982	0	0	(0)	2,982	19,177	
2065	0	2,859	3,336	1	0	6,196	4,049	0	0	(0)	4,049	19,095	
2066	0	3,557	3,336	1	0	6,895	3,525	0	0	(0)	3,524	18,976	
2067	0	4,235	3,336	1	0	7,572	4,034	0	0	(0)	4,033	18,861	
2068	0	4,922	3,336	1	0	8,260	3,601	0	0	(0)	3,600	18,721	
2069	0	5,614	3,336	1	0	8,952	3,527	0	0	(0)	3,527	18,570	
2070	0	5,905	3,336	1	0	9,243	2,687	0	0	(0)	2,687	18,401	
2071	0	6,185	3,336	1	0	9,522	2,424	0	0	(0)	2,423	18,232	
2072	0	6,474	3,336	1	0	9,811	2,164	0	0	(0)	2,163	18,063	
2073	0	6,770	3,336	1	0	10,107	1,907	0	0	(0)	1,907	17,896	
2074	0	7,065	3,336	1	0	10,403	1,751	0	0	(0)	1,751	17,733	
2075	0	5,500	3,336	1	0	8,837	1,599	0	0	(0)	1,599	17,606	
2076	0	5,640	3,336	1	0	8,978	1,504	0	0	(0)	1,504	17,486	
2077	0	5,738	3,336	1	0	9,075	1,413	0	0	(0)	1,412	17,371	
2078	0	5,791	3,336	1	0	9,129	1,325	0	0	(0)	1,325	17,263	
2079	0	5,809	3,336	1	0	9,147	1,242	0	0	(0)	1,241	17,162	
2080	0	5,826	3,336	1	0	9,164	1,162	0	0	(0)	1,161	17,067	
2081	0	5,844	3,336	1	0	9,182	1,086	0	0	(0)	1,086	16,979	
2082	0	5,862	3,336	1	0	9,200	1,015	0	0	(0)	1,014	16,896	
NOM	0	173,254	177,232	41	0	350,527	337,215.28	0.00	0.00	(22.26)	337,193	(13,334)	
NPV	0	19,980	26,261	4	0	46,246	63,144	0	0	(2)	63,142	16,896	

Discount Rate :
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.10 %
 1.37

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	2.17 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	2.7906 kW
(3) kW LINE LOSS PERCENTAGE	5.283657933 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	2.41 kWh ****
(5) kWh LINE LOSS PERCENTAGE	4.193444662 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.02 kWh ****

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.36996
(5) K FACTOR FOR T & D.....	1.30645

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	8.10 %
* (11) UTILITY AFUDC RATE.....	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.3465858 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/kW
(6) BASE YEAR DISTRIBUTION COST	0 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.86790512 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	0 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.00795207 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.499 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	1.202
(2) TRC TEST	2.701
(3) PARTICIPANT TEST	Infinite

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	61	14	0	75	0	0	0	0	0	
2026	127	50	0	178	0	0	0	0	0	
2027	220	108	0	328	0	0	0	0	0	
2028	296	180	0	476	0	0	0	0	0	
2029	379	260	0	639	0	0	0	0	0	
2030	457	347	0	804	0	0	0	0	0	
2031	534	443	0	977	0	0	0	0	0	
2032	611	549	0	1,160	0	0	0	0	0	
2033	698	665	0	1,364	0	0	0	0	0	
2034	797	793	0	1,590	0	0	0	0	0	
2035	486	793	0	1,279	0	0	0	0	0	
2036	404	793	0	1,198	0	0	0	0	0	
2037	323	793	0	1,116	0	0	0	0	0	
2038	237	793	0	1,030	0	0	0	0	0	
2039	146	793	0	940	0	0	0	0	0	
2040	146	793	0	940	0	0	0	0	0	
2041	149	793	0	943	0	0	0	0	0	
2042	152	793	0	945	0	0	0	0	0	
2043	154	793	0	947	0	0	0	0	0	
2044	156	793	0	949	0	0	0	0	0	
2045	248	793	0	1,041	0	0	0	0	0	
2046	344	793	0	1,137	0	0	0	0	0	
2047	483	793	0	1,276	0	0	0	0	0	
2048	593	793	0	1,386	0	0	0	0	0	
2049	714	793	0	1,508	0	0	0	0	0	
2050	830	793	0	1,623	0	0	0	0	0	
2051	944	793	0	1,738	0	0	0	0	0	
2052	1,055	793	0	1,849	0	0	0	0	0	
2053	1,180	793	0	1,973	0	0	0	0	0	
2054	1,320	793	0	2,113	0	0	0	0	0	
2055	805	793	0	1,599	0	0	0	0	0	
2056	667	793	0	1,460	0	0	0	0	0	
2057	530	793	0	1,324	0	0	0	0	0	
2058	388	793	0	1,182	0	0	0	0	0	
2059	240	793	0	1,033	0	0	0	0	0	
2060	240	793	0	1,033	0	0	0	0	0	
2061	245	793	0	1,038	0	0	0	0	0	
2062	249	793	0	1,042	0	0	0	0	0	
2063	252	793	0	1,045	0	0	0	0	0	
2064	255	793	0	1,049	0	0	0	0	0	
2065	406	793	0	1,199	0	0	0	0	0	
2066	564	793	0	1,357	0	0	0	0	0	
2067	791	793	0	1,584	0	0	0	0	0	
2068	972	793	0	1,765	0	0	0	0	0	
2069	1,170	793	0	1,964	0	0	0	0	0	
2070	1,360	793	0	2,153	0	0	0	0	0	
2071	1,547	793	0	2,341	0	0	0	0	0	
2072	1,729	793	0	2,522	0	0	0	0	0	
2073	1,933	793	0	2,727	0	0	0	0	0	
2074	2,163	793	0	2,956	0	0	0	0	0	
2075	1,675	793	0	2,468	0	0	0	0	0	
2076	1,772	793	0	2,566	0	0	0	0	0	
2077	1,840	793	0	2,633	0	0	0	0	0	
2078	1,876	793	0	2,669	0	0	0	0	0	
2079	1,881	793	0	2,674	0	0	0	0	0	
2080	1,885	793	0	2,678	0	0	0	0	0	
2081	1,889	793	0	2,682	0	0	0	0	0	
2082	1,893	793	0	2,687	0	0	0	0	0	
NOM	45,464	41,491	0	86,954	10	0	0	0	0	
NPV	4,675	5,832	0	10,507	1	0	0	0	0	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECIATION \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	31,328	444	0	1,979	369	526	11	625	336	0	4,290	4,290	4,290	31,238
2036	30,445	432	0	1,923	733	515	11	625	(47)	0	4,192	3,878	8,169	30,613
2037	29,458	418	0	1,861	1,055	505	11	625	(390)	0	4,084	3,495	11,664	29,988
2038	28,507	404	0	1,801	1,343	494	11	625	(698)	0	3,979	3,151	14,815	29,364
2039	27,591	391	0	1,743	1,598	484	10	625	(973)	0	3,878	2,840	17,655	28,739
2040	26,707	379	0	1,687	1,823	473	10	625	(1,217)	0	3,780	2,561	20,216	28,114
2041	25,852	367	0	1,633	2,020	463	10	625	(1,433)	0	3,685	2,310	22,526	27,489
2042	25,025	355	0	1,581	2,192	452	10	625	(1,622)	0	3,592	2,083	24,609	26,865
2043	24,212	343	0	1,530	2,360	442	9	625	(1,808)	0	3,501	1,878	26,488	26,240
2044	23,402	332	0	1,478	2,528	431	9	625	(1,993)	0	3,411	1,693	28,180	25,615
2045	22,592	320	0	1,427	2,696	421	9	625	(2,178)	0	3,320	1,524	29,705	24,990
2046	21,782	309	0	1,376	2,864	410	9	625	(2,364)	0	3,229	1,371	31,076	24,366
2047	20,972	297	0	1,325	3,032	400	9	625	(2,549)	0	3,138	1,233	32,309	23,741
2048	20,162	286	0	1,274	3,200	389	8	625	(2,734)	0	3,047	1,108	33,417	23,116
2049	19,352	274	0	1,223	3,368	379	8	625	(2,919)	0	2,957	994	34,411	22,491
2050	18,542	263	0	1,171	3,536	368	8	625	(3,105)	0	2,866	892	35,303	21,867
2051	17,732	251	0	1,120	3,704	357	8	625	(3,290)	0	2,775	799	36,101	21,242
2052	16,922	240	0	1,069	3,872	347	7	625	(3,475)	0	2,684	715	36,816	20,617
2053	16,112	228	0	1,018	4,039	336	7	625	(3,661)	0	2,594	639	37,455	19,992
2054	15,302	217	0	967	4,207	326	7	625	(3,846)	0	2,503	570	38,025	19,368
2055	14,572	207	0	921	4,218	315	7	625	(3,872)	0	2,420	510	38,535	18,743
2056	14,001	199	0	884	4,072	305	7	625	(3,738)	0	2,353	459	38,994	18,118
2057	13,509	192	0	853	3,928	294	6	625	(3,605)	0	2,294	414	39,408	17,493
2058	13,018	185	0	822	3,784	284	6	625	(3,471)	0	2,234	373	39,780	16,868
2059	12,527	178	0	791	3,640	273	6	625	(3,338)	0	2,175	336	40,116	16,244
2060	12,036	171	0	760	3,496	263	6	625	(3,204)	0	2,116	302	40,418	15,619
2061	11,544	164	0	729	3,352	252	5	625	(3,071)	0	2,056	272	40,690	14,994
2062	11,053	157	0	698	3,208	242	5	625	(2,937)	0	1,997	244	40,934	14,369
2063	10,562	150	0	667	3,064	231	5	625	(2,804)	0	1,938	219	41,153	13,745
2064	10,071	143	0	636	2,919	221	5	625	(2,670)	0	1,879	197	41,350	13,120
2065	9,579	136	0	605	2,775	210	4	625	(2,537)	0	1,819	176	41,526	12,495
2066	9,088	129	0	574	2,631	200	4	625	(2,403)	0	1,760	158	41,683	11,870
2067	8,597	122	0	543	2,487	189	4	625	(2,270)	0	1,701	141	41,824	11,246
2068	8,106	115	0	512	2,343	179	4	625	(2,136)	0	1,641	126	41,950	10,621
2069	7,614	108	0	481	2,199	168	4	625	(2,003)	0	1,582	112	42,062	9,996
2070	7,123	101	0	450	2,055	158	3	625	(1,869)	0	1,523	100	42,162	9,371
2071	6,632	94	0	419	1,911	147	3	625	(1,736)	0	1,464	89	42,251	8,747
2072	6,141	87	0	388	1,767	137	3	625	(1,602)	0	1,404	79	42,330	8,122
2073	5,649	80	0	357	1,623	126	3	625	(1,469)	0	1,345	70	42,400	7,497
2074	5,158	73	0	326	1,479	116	2	625	(1,335)	0	1,286	62	42,461	6,872
2075	4,667	66	0	295	1,335	105	2	625	(1,202)	0	1,227	54	42,516	6,248
2076	4,176	59	0	264	1,191	105	2	625	(1,068)	0	1,178	48	42,564	6,248
2077	3,684	52	0	233	1,047	105	2	625	(935)	0	1,129	43	42,607	6,248
2078	3,193	45	0	202	903	105	2	625	(801)	0	1,081	38	42,645	6,248
2079	2,702	38	0	171	759	105	2	625	(668)	0	1,032	34	42,679	6,248
2080	2,211	31	0	140	615	105	2	625	(534)	0	984	30	42,708	6,248
2081	1,719	24	0	109	471	105	2	625	(401)	0	935	26	42,734	6,248
2082	1,228	17	0	78	327	105	2	625	(267)	0	887	23	42,757	6,248
2083	737	10	0	47	183	105	2	625	(134)	0	838	20	42,777	6,248
2084	246	3	0	16	39	105	2	625	0	0	790	17	42,795	6,248

IN SERVICE COST (\$000)	31,238
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	1,057	1,057	625	625	625	625	336	4,899	0	0	0	336	806
2036	7.22%	2,035	3,093	625	1,250	625	1,250	(47)	4,899	0	0	0	(47)	759
2037	6.68%	1,882	4,975	625	1,874	625	1,874	(390)	4,899	0	0	0	(390)	369
2038	6.18%	1,742	6,717	625	2,499	625	2,499	(698)	4,899	0	0	0	(698)	(329)
2039	5.71%	1,611	8,327	625	3,124	625	3,124	(973)	4,899	0	0	0	(973)	(1,302)
2040	5.29%	1,490	9,817	625	3,749	625	3,749	(1,217)	4,899	0	0	0	(1,217)	(2,519)
2041	4.89%	1,378	11,195	625	4,373	625	4,373	(1,433)	4,899	0	0	0	(1,433)	(3,952)
2042	4.52%	1,275	12,470	625	4,998	625	4,998	(1,622)	4,899	0	0	0	(1,622)	(5,574)
2043	4.46%	1,258	13,728	625	5,623	625	5,623	(1,808)	4,899	0	0	0	(1,808)	(7,382)
2044	4.46%	1,258	14,986	625	6,248	625	6,248	(1,993)	4,899	0	0	0	(1,993)	(9,375)
2045	4.46%	1,258	16,244	625	6,872	625	6,872	(2,178)	4,899	0	0	0	(2,178)	(11,553)
2046	4.46%	1,258	17,502	625	7,497	625	7,497	(2,364)	4,899	0	0	0	(2,364)	(13,917)
2047	4.46%	1,258	18,760	625	8,122	625	8,122	(2,549)	4,899	0	0	0	(2,549)	(16,466)
2048	4.46%	1,258	20,018	625	8,747	625	8,747	(2,734)	4,899	0	0	0	(2,734)	(19,200)
2049	4.46%	1,258	21,276	625	9,371	625	9,371	(2,919)	4,899	0	0	0	(2,919)	(22,119)
2050	4.46%	1,258	22,533	625	9,996	625	9,996	(3,105)	4,899	0	0	0	(3,105)	(25,224)
2051	4.46%	1,258	23,791	625	10,621	625	10,621	(3,290)	4,899	0	0	0	(3,290)	(28,514)
2052	4.46%	1,258	25,049	625	11,246	625	11,246	(3,475)	4,899	0	0	0	(3,475)	(31,989)
2053	4.46%	1,258	26,307	625	11,870	625	11,870	(3,661)	4,899	0	0	0	(3,661)	(35,650)
2054	4.46%	1,258	27,565	625	12,495	625	12,495	(3,846)	4,899	0	0	0	(3,846)	(39,496)
2055	2.23%	629	28,194	625	13,120	625	13,120	(3,872)	4,899	0	0	0	(3,872)	(43,368)
2056	0.00%	0	28,194	625	13,745	625	13,745	(3,738)	4,899	0	0	0	(3,738)	(47,106)
2057	0.00%	0	28,194	625	14,369	625	14,369	(3,605)	4,899	0	0	0	(3,605)	(50,711)
2058	0.00%	0	28,194	625	14,994	625	14,994	(3,471)	4,899	0	0	0	(3,471)	(54,182)
2059	0.00%	0	28,194	625	15,619	625	15,619	(3,338)	4,899	0	0	0	(3,338)	(57,520)
2060	0.00%	0	28,194	625	16,244	625	16,244	(3,204)	4,899	0	0	0	(3,204)	(60,724)
2061	0.00%	0	28,194	625	16,868	625	16,868	(3,071)	4,899	0	0	0	(3,071)	(63,795)
2062	0.00%	0	28,194	625	17,493	625	17,493	(2,937)	4,899	0	0	0	(2,937)	(66,732)
2063	0.00%	0	28,194	625	18,118	625	18,118	(2,804)	4,899	0	0	0	(2,804)	(69,536)
2064	0.00%	0	28,194	625	18,743	625	18,743	(2,670)	4,899	0	0	0	(2,670)	(72,206)
2065	0.00%	0	28,194	625	19,368	625	19,368	(2,537)	4,899	0	0	0	(2,537)	(74,743)
2066	0.00%	0	28,194	625	19,992	625	19,992	(2,403)	4,899	0	0	0	(2,403)	(77,146)
2067	0.00%	0	28,194	625	20,617	625	20,617	(2,270)	4,899	0	0	0	(2,270)	(79,416)
2068	0.00%	0	28,194	625	21,242	625	21,242	(2,136)	4,899	0	0	0	(2,136)	(81,552)
2069	0.00%	0	28,194	625	21,867	625	21,867	(2,003)	4,899	0	0	0	(2,003)	(83,554)
2070	0.00%	0	28,194	625	22,491	625	22,491	(1,869)	4,899	0	0	0	(1,869)	(85,424)
2071	0.00%	0	28,194	625	23,116	625	23,116	(1,736)	4,899	0	0	0	(1,736)	(87,159)
2072	0.00%	0	28,194	625	23,741	625	23,741	(1,602)	4,899	0	0	0	(1,602)	(88,761)
2073	0.00%	0	28,194	625	24,366	625	24,366	(1,469)	4,899	0	0	0	(1,469)	(90,230)
2074	0.00%	0	28,194	625	24,990	625	24,990	(1,335)	4,899	0	0	0	(1,335)	(91,565)
2075	0.00%	0	28,194	625	25,615	625	25,615	(1,202)	4,899	0	0	0	(1,202)	(92,767)
2076	0.00%	0	28,194	625	26,240	625	26,240	(1,068)	4,899	0	0	0	(1,068)	(93,835)
2077	0.00%	0	28,194	625	26,865	625	26,865	(935)	4,899	0	0	0	(935)	(94,769)
2078	0.00%	0	28,194	625	27,489	625	27,489	(801)	4,899	0	0	0	(801)	(95,570)
2079	0.00%	0	28,194	625	28,114	625	28,114	(668)	4,899	0	0	0	(668)	(96,238)
2080	0.00%	0	28,194	625	28,739	625	28,739	(534)	4,899	0	0	0	(534)	(96,772)
2081	0.00%	0	28,194	625	29,364	625	29,364	(401)	4,899	0	0	0	(401)	(97,173)
2082	0.00%	0	28,194	625	29,988	625	29,988	(267)	4,899	0	0	0	(267)	(97,440)
2083	0.00%	0	28,194	625	30,613	625	30,613	(134)	4,899	0	0	0	(134)	(97,573)
2084	0.00%	0	28,194	625	31,238	625	31,238	0	4,899	0	0	0	0	(97,573)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	470
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4,899
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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)
2035	3.75%	1,057	336	30,613	625	806	31,708	30,949	31,328
2036	7.22%	2,035	(47)	29,988	1,250	759	30,949	29,942	30,445
2037	6.68%	1,882	(390)	29,364	1,874	369	29,942	28,973	29,458
2038	6.18%	1,742	(698)	28,739	2,499	(329)	28,973	28,041	28,507
2039	5.71%	1,611	(973)	28,114	3,124	(1,302)	28,041	27,141	27,591
2040	5.29%	1,490	(1,217)	27,489	3,749	(2,519)	27,141	26,272	26,707
2041	4.89%	1,378	(1,433)	26,865	4,373	(3,952)	26,272	25,432	25,852
2042	4.52%	1,275	(1,622)	26,240	4,998	(5,574)	25,432	24,617	25,025
2043	4.46%	1,258	(1,808)	25,615	5,623	(7,382)	24,617	23,807	24,212
2044	4.46%	1,258	(1,993)	24,990	6,248	(9,375)	23,807	22,997	23,402
2045	4.46%	1,258	(2,178)	24,366	6,872	(11,553)	22,997	22,187	22,592
2046	4.46%	1,258	(2,364)	23,741	7,497	(13,917)	22,187	21,377	21,782
2047	4.46%	1,258	(2,549)	23,116	8,122	(16,466)	21,377	20,567	20,972
2048	4.46%	1,258	(2,734)	22,491	8,747	(19,200)	20,567	19,757	20,162
2049	4.46%	1,258	(2,919)	21,867	9,371	(22,119)	19,757	18,947	19,352
2050	4.46%	1,258	(3,105)	21,242	9,996	(25,224)	18,947	18,137	18,542
2051	4.46%	1,258	(3,290)	20,617	10,621	(28,514)	18,137	17,327	17,732
2052	4.46%	1,258	(3,475)	19,992	11,246	(31,989)	17,327	16,517	16,922
2053	4.46%	1,258	(3,661)	19,368	11,870	(35,650)	16,517	15,707	16,112
2054	4.46%	1,258	(3,846)	18,743	12,495	(39,496)	15,707	14,897	15,302
2055	2.23%	629	(3,872)	18,118	13,120	(43,368)	14,897	14,246	14,572
2056	0.00%	0	(3,738)	17,493	13,745	(47,106)	14,246	13,755	14,001
2057	0.00%	0	(3,605)	16,868	14,369	(50,711)	13,755	13,264	13,509
2058	0.00%	0	(3,471)	16,244	14,994	(54,182)	13,264	12,772	13,018
2059	0.00%	0	(3,338)	15,619	15,619	(57,520)	12,772	12,281	12,527
2060	0.00%	0	(3,204)	14,994	16,244	(60,724)	12,281	11,790	12,036
2061	0.00%	0	(3,071)	14,369	16,868	(63,795)	11,790	11,299	11,544
2062	0.00%	0	(2,937)	13,745	17,493	(66,732)	11,299	10,807	11,053
2063	0.00%	0	(2,804)	13,120	18,118	(69,536)	10,807	10,316	10,562
2064	0.00%	0	(2,670)	12,495	18,743	(72,206)	10,316	9,825	10,071
2065	0.00%	0	(2,537)	11,870	19,368	(74,743)	9,825	9,334	9,579
2066	0.00%	0	(2,403)	11,246	19,992	(77,146)	9,334	8,842	9,088
2067	0.00%	0	(2,270)	10,621	20,617	(79,416)	8,842	8,351	8,597
2068	0.00%	0	(2,136)	9,996	21,242	(81,552)	8,351	7,860	8,106
2069	0.00%	0	(2,003)	9,371	21,867	(83,554)	7,860	7,369	7,614
2070	0.00%	0	(1,869)	8,747	22,491	(85,424)	7,369	6,877	7,123
2071	0.00%	0	(1,736)	8,122	23,116	(87,159)	6,877	6,386	6,632
2072	0.00%	0	(1,602)	7,497	23,741	(88,761)	6,386	5,895	6,141
2073	0.00%	0	(1,469)	6,872	24,366	(90,230)	5,895	5,404	5,649
2074	0.00%	0	(1,335)	6,248	24,990	(91,565)	5,404	4,912	5,158
2075	0.00%	0	(1,202)	5,623	25,615	(92,767)	4,912	4,421	4,667
2076	0.00%	0	(1,068)	4,998	26,240	(93,835)	4,421	3,930	4,176
2077	0.00%	0	(935)	4,373	26,865	(94,769)	3,930	3,439	3,684
2078	0.00%	0	(801)	3,749	27,489	(95,570)	3,439	2,947	3,193
2079	0.00%	0	(668)	3,124	28,114	(96,238)	2,947	2,456	2,702
2080	0.00%	0	(534)	2,499	28,739	(96,772)	2,456	1,965	2,211
2081	0.00%	0	(401)	1,874	29,364	(97,173)	1,965	1,474	1,719
2082	0.00%	0	(267)	1,250	29,988	(97,440)	1,474	982	1,228
2083	0.00%	0	(134)	625	30,613	(97,573)	982	491	737
2084	0.00%	0	0	0	31,238	(97,573)	491	0	246

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(8) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	24,916	24,916	24,916
EQUITY AFUDC	4,899		
DEBT AFUDC	1,423	1,423	
CPI			3,278
IIC Basis Reduction (Solar)			
TOTAL	31,238	26,339	28,194

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	300	300	2.97	4.08	2.97	0.00	1.00	1.00
2026	800	800	3.41	4.22	3.41	0.00	1.00	1.00
2027	1,550	1,550	3.37	3.79	3.37	0.00	1.00	1.00
2028	2,375	2,375	3.51	3.97	3.51	0.00	1.00	1.00
2029	3,283	3,283	3.59	4.12	3.59	0.00	1.00	1.00
2030	4,281	4,281	3.29	3.86	3.29	0.00	1.00	1.00
2031	5,379	5,379	3.07	3.84	3.07	0.00	1.00	1.00
2032	6,587	6,587	2.95	3.77	2.95	0.00	1.00	1.00
2033	7,916	7,916	3.33	3.96	3.33	6.88	1.00	1.00
2034	9,378	9,378	3.53	4.20	3.53	6.98	1.00	1.00
2035	9,378	9,378	3.86	4.38	3.86	7.13	1.00	1.00
2036	9,378	9,378	4.00	4.51	4.00	6.98	1.00	1.00
2037	9,378	9,378	4.20	4.66	4.20	7.15	1.00	1.00
2038	9,378	9,378	4.53	5.09	4.53	7.22	1.00	1.00
2039	9,378	9,378	4.72	5.25	4.72	7.16	1.00	1.00
2040	9,378	9,378	5.06	5.54	5.06	7.38	1.00	1.00
2041	9,378	9,378	5.39	5.95	5.39	7.51	1.00	1.00
2042	9,378	9,378	5.49	6.22	5.49	7.59	1.00	1.00
2043	9,378	9,378	5.72	6.05	5.72	7.82	1.00	1.00
2044	9,378	9,378	6.11	6.59	6.11	8.08	1.00	1.00
2045	9,378	9,378	6.50	7.14	6.50	8.49	1.00	1.00
2046	9,378	9,378	6.71	7.25	6.71	8.36	1.00	1.00
2047	9,378	9,378	7.07	7.31	7.07	8.85	1.00	1.00
2048	9,378	9,378	7.41	7.81	7.41	9.24	1.00	1.00
2049	9,378	9,378	7.89	8.28	7.89	9.55	1.00	1.00
2050	9,378	9,378	8.54	9.15	8.54	10.09	1.00	1.00
2051	9,378	9,378	8.49	9.06	8.49	10.16	1.00	1.00
2052	9,378	9,378	8.54	9.07	8.54	10.08	1.00	1.00
2053	9,378	9,378	8.58	9.02	8.58	10.06	1.00	1.00
2054	9,378	9,378	8.61	8.90	8.61	9.85	1.00	1.00
2055	9,378	9,378	8.57	8.99	8.57	9.91	1.00	1.00
2056	9,378	9,378	8.54	8.92	8.54	9.73	1.00	1.00
2057	9,378	9,378	8.59	8.79	8.59	9.80	1.00	1.00
2058	9,378	9,378	8.51	8.67	8.51	9.59	1.00	1.00
2059	9,378	9,378	8.55	8.81	8.55	9.63	1.00	1.00
2060	9,378	9,378	8.59	8.79	8.59	9.54	1.00	1.00
2061	9,378	9,378	8.43	8.56	8.43	9.45	1.00	1.00
2062	9,378	9,378	8.42	8.75	8.42	9.27	1.00	1.00
2063	9,378	9,378	8.49	8.81	8.49	9.73	1.00	1.00
2064	9,378	9,378	8.47	8.45	8.47	9.62	1.00	1.00
2065	9,378	9,378	8.37	8.61	8.37	9.50	1.00	1.00
2066	9,378	9,378	8.32	8.52	8.32	9.49	1.00	1.00
2067	9,378	9,378	8.33	8.51	8.33	9.47	1.00	1.00
2068	9,378	9,378	8.39	8.39	8.39	9.42	1.00	1.00
2069	9,378	9,378	8.39	8.39	8.39	9.50	1.00	1.00
2070	9,378	9,378	8.39	8.39	8.39	9.30	1.00	1.00
2071	9,378	9,378	8.39	8.39	8.39	9.26	1.00	1.00
2072	9,378	9,378	8.39	8.39	8.39	9.22	1.00	1.00
2073	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2074	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2075	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2076	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2077	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2078	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2079	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2080	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2081	9,378	9,378	8.39	8.39	8.39	9.18	1.00	1.00
2082	9,378	9,378	8.39	8.39	8.39	9.18	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: 2025 DSM Plan - HVAC On-Bill

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	4,290	418	16	9684	10624	3785
2036	4,192	428	18	10221	11206	3653
2037	4,084	439	18	10616	11633	3524
2038	3,979	450	20	11171	12257	3363
2039	3,878	461	21	11629	12635	3354
2040	3,780	473	22	12100	13203	3172
2041	3,685	484	23	12943	14111	3025
2042	3,592	497	24	12902	14095	2919
2043	3,501	509	24	13327	14526	2836
2044	3,411	522	25	14023	15383	2598
2045	3,320	535	26	15020	16352	2550
2046	3,229	548	28	15055	16484	2375
2047	3,138	562	28	15942	17439	2232
2048	3,047	576	29	16513	18005	2160
2049	2,957	590	30	17362	19052	1886
2050	2,866	605	31	18397	20358	1541
2051	2,775	620	32	18645	20488	1584
2052	2,684	636	32	18213	20099	1467
2053	2,594	651	34	18498	20533	1244
2054	2,503	668	35	18350	20317	1239
2055	2,420	684	36	18340	20449	1031
2056	2,353	702	37	17991	20068	1014
2057	2,294	719	38	18356	20445	962
2058	2,234	737	40	18132	20228	915
2059	2,175	756	40	18008	20091	888
2060	2,116	774	41	17789	19900	820
2061	2,056	794	42	17445	19492	845
2062	1,997	814	43	17474	19330	998
2063	1,938	834	45	18350	20307	860
2064	1,879	855	46	18107	20290	596
2065	1,819	876	47	17881	19813	810
2066	1,760	898	48	17789	19790	705
2067	1,701	921	49	17883	19746	807
2068	1,641	944	50	17739	19654	720
2069	1,582	967	52	17924	19820	705
2070	1,523	991	53	17369	19399	537
2071	1,464	1,016	54	17267	19316	485
2072	1,404	1,041	56	17165	19234	433
2073	1,345	1,068	57	17063	19151	381
2074	1,286	1,094	58	17063	19151	350
2075	1,227	1,122	60	17063	19151	320
2076	1,178	1,150	61	17063	19151	301
2077	1,129	1,178	63	17063	19151	283
2078	1,081	1,208	65	17063	19151	265
2079	1,032	1,238	66	17063	19151	248
2080	984	1,269	68	17063	19151	232
2081	935	1,301	69	17063	19151	217
2082	887	1,333	71	17063	19151	203
NOM	112,947	37,952	1,974	782,246	867,679	67,440
NPV	16,800.11	2,923.26	142	72,289	79,527	12,628

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - HVAC On-Bill

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	1	0
2033	0	0	0	0	0	0	1	1
2034	0	0	0	0	0	0	1	1
2035	0	0	0	0	0	0	1	1
2036	0	0	0	0	0	0	1	1
2037	0	0	0	0	0	0	1	1
2038	0	0	0	0	0	0	1	1
2039	0	0	0	0	0	0	1	1
2040	0	0	0	0	0	0	1	1
2041	0	0	0	0	0	0	1	1
2042	0	0	0	0	0	0	1	1
2043	0	0	0	0	0	0	1	1
2044	0	0	0	0	0	0	2	1
2045	0	0	0	0	0	0	2	1
2046	0	0	0	0	0	0	2	1
2047	0	0	0	0	0	0	2	2
2048	0	0	0	0	0	0	2	2
2049	0	0	0	0	0	0	2	2
2050	0	0	0	0	0	0	2	2
2051	0	0	0	0	0	0	2	2
2052	0	0	0	0	0	0	2	2
2053	0	0	0	0	0	0	2	2
2054	0	0	0	0	0	0	2	2
2055	0	0	0	0	0	0	2	2
2056	0	0	0	0	0	0	2	2
2057	0	0	0	0	0	0	2	2
2058	0	0	0	0	0	0	2	2
2059	0	0	0	0	0	0	2	2
2060	0	0	0	0	0	0	2	2
2061	0	0	0	0	0	0	2	2
2062	0	0	0	0	0	0	2	2
2063	0	0	0	0	0	0	2	2
2064	0	0	0	0	0	0	2	2
2065	0	0	0	0	0	0	2	2
2066	0	0	0	0	0	0	2	2
2067	0	0	0	0	0	0	2	2
2068	0	0	0	0	0	0	2	2
2069	0	0	0	0	0	0	2	2
2070	0	0	0	0	0	0	2	2
2071	0	0	0	0	0	0	2	2
2072	0	0	0	0	0	0	2	2
2073	0	0	0	0	0	0	2	2
2074	0	0	0	0	0	0	2	2
2075	0	0	0	0	0	0	2	2
2076	0	0	0	0	0	0	2	2
2077	0	0	0	0	0	0	2	2
2078	0	0	0	0	0	0	2	2
2079	0	0	0	0	0	0	2	2
2080	0	0	0	0	0	0	2	2
2081	0	0	0	0	0	0	2	2
2082	0	0	0	0	0	0	2	2
NOM	0	0.00	0	0	0	0	90	82
NPV	0	0	0	0	0	0	10	8

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	1	1	0	0	(0)
2036	1	1	0	0	(0)
2037	1	1	0	0	(0)
2038	1	1	0	0	(0)
2039	1	1	0	0	(0)
2040	1	1	0	0	(0)
2041	1	1	0	0	(0)
2042	1	1	0	0	(0)
2043	1	1	0	0	(0)
2044	1	1	0	0	(0)
2045	1	1	0	0	(0)
2046	1	1	0	0	(0)
2047	1	1	0	0	(0)
2048	1	1	0	0	(0)
2049	1	1	0	0	(0)
2050	1	1	0	0	(0)
2051	1	1	0	0	(0)
2052	1	1	0	0	(0)
2053	1	1	0	0	(0)
2054	1	1	0	0	(0)
2055	1	1	0	0	(0)
2056	1	1	0	0	(0)
2057	1	1	0	0	(0)
2058	1	1	0	0	(0)
2059	1	1	0	0	(0)
2060	1	1	0	0	(0)
2061	1	1	0	0	(0)
2062	1	1	0	0	(0)
2063	1	1	0	0	(0)
2064	1	1	0	0	(0)
2065	1	1	0	0	(0)
2066	1	1	0	0	(0)
2067	1	1	0	0	(0)
2068	1	1	0	0	(0)
2069	1	1	0	0	(0)
2070	1	1	0	0	(0)
2071	1	1	0	0	(0)
2072	1	1	0	0	(0)
2073	1	1	0	0	(0)
2074	1	1	0	0	(0)
2075	1	1	0	0	(0)
2076	1	1	0	0	(0)
2077	1	1	0	0	(0)
2078	1	1	0	0	(0)
2079	1	1	0	0	(0)
2080	1	1	0	0	(0)
2081	1	1	0	0	(0)
2082	1	1	0	0	(0)
NOM	36	40	0	0	(4)
NPV	4	4	0	0	(0)

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	61	0	0	61	0	0	0	0	0	(61)	(53)
2026	0	127	0	0	127	0	0	0	0	0	(127)	(153)
2027	0	220	0	0	220	0	0	0	0	0	(220)	(315)
2028	0	296	0	0	296	0	0	0	0	0	(296)	(515)
2029	0	379	0	0	379	0	0	0	0	0	(379)	(753)
2030	0	457	0	0	457	0	0	0	0	0	(457)	(1,018)
2031	0	534	0	0	534	0	0	0	0	0	(534)	(1,304)
2032	0	611	0	0	611	0	0	0	0	0	(611)	(1,608)
2033	0	698	0	0	698	0	0	0	0	0	(698)	(1,928)
2034	0	797	0	0	797	0	0	0	0	0	(796)	(2,267)
2035	0	486	0	0	486	3,785	0	0	(0)	3,785	3,299	(971)
2036	0	404	0	0	404	3,653	0	0	(0)	3,653	3,249	210
2037	0	323	0	0	323	3,524	0	0	(0)	3,524	3,201	1,287
2038	0	237	0	0	237	3,363	0	0	(0)	3,363	3,126	2,259
2039	0	146	0	0	146	3,354	0	0	(0)	3,354	3,208	3,183
2040	0	146	0	0	146	3,172	0	0	(0)	3,172	3,026	3,988
2041	0	149	0	0	149	3,025	0	0	(0)	3,025	2,875	4,696
2042	0	152	0	0	152	2,919	0	0	(0)	2,919	2,767	5,327
2043	0	154	0	0	154	2,836	0	0	(0)	2,836	2,682	5,892
2044	0	156	0	0	156	2,598	0	0	(0)	2,598	2,442	6,368
2045	0	248	0	0	248	2,550	0	0	(0)	2,550	2,302	6,784
2046	0	344	0	0	344	2,375	0	0	(0)	2,376	2,032	7,123
2047	0	483	0	0	483	2,232	0	0	(0)	2,232	1,749	7,393
2048	0	593	0	0	593	2,160	0	0	(0)	2,160	1,567	7,617
2049	0	714	0	0	714	1,886	0	0	(0)	1,887	1,172	7,771
2050	0	830	0	0	830	1,541	0	0	(0)	1,541	711	7,858
2051	0	944	0	0	944	1,584	0	0	(0)	1,584	640	7,931
2052	0	1,055	0	0	1,055	1,467	0	0	(0)	1,467	412	7,974
2053	0	1,180	0	0	1,180	1,244	0	0	(0)	1,244	64	7,980
2054	0	1,320	0	0	1,320	1,239	0	0	(0)	1,239	(81)	7,973
2055	0	805	0	0	805	1,031	0	0	(0)	1,031	226	7,992
2056	0	667	0	0	667	1,014	0	0	(0)	1,015	348	8,018
2057	0	530	0	0	530	962	0	0	(0)	962	432	8,049
2058	0	388	0	0	388	915	0	0	(0)	915	527	8,083
2059	0	240	0	0	240	888	0	0	(0)	888	648	8,123
2060	0	240	0	0	240	820	0	0	(0)	820	580	8,155
2061	0	245	0	0	245	845	0	0	(0)	845	600	8,186
2062	0	249	0	0	249	998	0	0	(0)	998	749	8,222
2063	0	252	0	0	252	860	0	0	(0)	860	608	8,249
2064	0	255	0	0	255	596	0	0	(0)	596	341	8,263
2065	0	406	0	0	406	810	0	0	(0)	810	404	8,279
2066	0	564	0	0	564	705	0	0	(0)	705	141	8,284
2067	0	791	0	0	791	807	0	0	(0)	807	16	8,284
2068	0	972	0	0	972	720	0	0	(0)	720	(252)	8,277
2069	0	1,170	0	0	1,170	705	0	0	(0)	705	(465)	8,264
2070	0	1,360	0	0	1,360	537	0	0	(0)	537	(823)	8,243
2071	0	1,547	0	0	1,547	485	0	0	(0)	485	(1,062)	8,217
2072	0	1,729	0	0	1,729	433	0	0	(0)	433	(1,296)	8,189
2073	0	1,933	0	0	1,933	381	0	0	(0)	381	(1,552)	8,157
2074	0	2,163	0	0	2,163	350	0	0	(0)	350	(1,813)	8,123
2075	0	1,675	0	0	1,675	320	0	0	(0)	320	(1,355)	8,099
2076	0	1,772	0	0	1,772	301	0	0	(0)	301	(1,472)	8,075
2077	0	1,840	0	0	1,840	283	0	0	(0)	282	(1,557)	8,052
2078	0	1,876	0	0	1,876	265	0	0	(0)	265	(1,611)	8,030
2079	0	1,881	0	0	1,881	248	0	0	(0)	248	(1,632)	8,009
2080	0	1,885	0	0	1,885	232	0	0	(0)	232	(1,652)	7,989
2081	0	1,889	0	0	1,889	217	0	0	(0)	217	(1,672)	7,971
2082	0	1,893	0	0	1,893	203	0	0	(0)	203	(1,691)	7,954
NOM	0	45,464	0	0	45,464	67,439.51	0	8	(4)	67,443	21,979	
NPV	0	4,675	0	0	4,675	12,628	0	1	(0)	12,629.02	7,954	

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

8.10 %
2.70

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	14	0	14	0	0	0	0	14	12
2026	0	0	50	0	50	0	0	0	0	50	52
2027	0	0	108	0	108	0	0	0	0	108	131
2028	0	0	180	0	180	0	0	0	0	180	253
2029	0	0	260	0	260	0	0	0	0	260	415
2030	0	0	347	0	347	0	0	0	0	347	617
2031	0	0	443	0	443	0	0	0	0	443	854
2032	0	0	549	0	549	0	0	0	0	549	1,127
2033	0	0	665	0	665	0	0	0	0	665	1,432
2034	0	0	793	0	794	0	0	0	0	794	1,770
2035	0	0	793	0	794	0	0	0	0	794	2,081
2036	0	0	793	0	794	0	0	0	0	794	2,370
2037	0	0	793	0	794	0	0	0	0	794	2,637
2038	0	0	793	0	794	0	0	0	0	794	2,883
2039	0	0	793	0	794	0	0	0	0	794	3,112
2040	0	0	793	0	794	0	0	0	0	794	3,323
2041	0	0	793	0	794	0	0	0	0	794	3,519
2042	0	0	793	0	794	0	0	0	0	794	3,699
2043	0	0	793	0	794	0	0	0	0	794	3,867
2044	0	0	793	0	794	0	0	0	0	794	4,021
2045	0	0	793	0	794	0	0	0	0	794	4,164
2046	0	0	793	0	794	0	0	0	0	794	4,297
2047	0	0	793	0	794	0	0	0	0	794	4,419
2048	0	0	793	0	794	0	0	0	0	794	4,533
2049	0	0	793	0	794	0	0	0	0	794	4,638
2050	0	0	793	0	794	0	0	0	0	794	4,735
2051	0	0	793	0	794	0	0	0	0	794	4,824
2052	0	0	793	0	794	0	0	0	0	794	4,907
2053	0	0	793	0	794	0	0	0	0	794	4,984
2054	0	0	793	0	794	0	0	0	0	794	5,055
2055	0	0	793	0	794	0	0	0	0	794	5,121
2056	0	0	793	0	794	0	0	0	0	794	5,182
2057	0	0	793	0	794	0	0	0	0	794	5,238
2058	0	0	793	0	794	0	0	0	0	794	5,290
2059	0	0	793	0	794	0	0	0	0	794	5,338
2060	0	0	793	0	794	0	0	0	0	794	5,383
2061	0	0	793	0	794	0	0	0	0	794	5,424
2062	0	0	793	0	794	0	0	0	0	794	5,462
2063	0	0	793	0	794	0	0	0	0	794	5,497
2064	0	0	793	0	794	0	0	0	0	794	5,530
2065	0	0	793	0	794	0	0	0	0	794	5,560
2066	0	0	793	0	794	0	0	0	0	794	5,588
2067	0	0	793	0	794	0	0	0	0	794	5,614
2068	0	0	793	0	794	0	0	0	0	794	5,638
2069	0	0	793	0	794	0	0	0	0	794	5,660
2070	0	0	793	0	794	0	0	0	0	794	5,680
2071	0	0	793	0	794	0	0	0	0	794	5,699
2072	0	0	793	0	794	0	0	0	0	794	5,717
2073	0	0	793	0	794	0	0	0	0	794	5,733
2074	0	0	793	0	794	0	0	0	0	794	5,748
2075	0	0	793	0	794	0	0	0	0	794	5,762
2076	0	0	793	0	794	0	0	0	0	794	5,775
2077	0	0	793	0	794	0	0	0	0	794	5,786
2078	0	0	793	0	794	0	0	0	0	794	5,797
2079	0	0	793	0	794	0	0	0	0	794	5,808
2080	0	0	793	0	794	0	0	0	0	794	5,817
2081	0	0	793	0	794	0	0	0	0	794	5,826
2082	0	0	793	0	794	0	0	0	0	794	5,834
NOM	13	0	41,491	0	41,504	0	0	0	0	41,504	
NPV	1	0	5,832	0	5,834	0	0	0	0	5,834	

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

2035
 8.10 %
Infinite

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - HVAC On-Bill

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	61	14	0	0	75	0	0	0	0	(75)	(64)	
2026	0	127	50	0	0	178	0	0	0	0	(178)	(205)	
2027	0	220	108	0	0	328	0	0	0	0	(328)	(445)	
2028	0	296	180	0	0	476	0	0	0	0	(476)	(768)	
2029	0	379	260	0	0	639	0	0	0	0	(639)	(1,169)	
2030	0	457	347	0	0	804	0	0	0	0	(804)	(1,635)	
2031	0	534	443	0	0	978	0	0	0	0	(977)	(2,159)	
2032	0	611	549	0	0	1,160	0	0	0	0	(1,160)	(2,735)	
2033	0	698	665	0	0	1,364	0	0	0	0	(1,364)	(3,361)	
2034	0	797	793	0	0	1,590	0	0	0	0	(1,590)	(4,036)	
2035	0	486	793	0	0	1,280	3,785	0	(0)	3,785	2,505	(3,052)	
2036	0	404	793	0	0	1,198	3,653	0	(0)	3,653	2,455	(2,159)	
2037	0	323	793	0	0	1,116	3,524	0	(0)	3,524	2,408	(1,350)	
2038	0	237	793	0	0	1,031	3,363	0	(0)	3,363	2,333	(624)	
2039	0	146	793	0	0	940	3,354	0	(0)	3,354	2,414	71	
2040	0	146	793	0	0	940	3,172	0	(0)	3,172	2,232	665	
2041	0	149	793	0	0	943	3,025	0	(0)	3,025	2,082	1,178	
2042	0	152	793	0	0	946	2,919	0	(0)	2,919	1,974	1,628	
2043	0	154	793	0	0	947	2,836	0	(0)	2,836	1,889	2,026	
2044	0	156	793	0	0	949	2,598	0	(0)	2,598	1,649	2,347	
2045	0	248	793	0	0	1,041	2,550	0	(0)	2,550	1,509	2,619	
2046	0	344	793	0	0	1,138	2,376	0	(0)	2,376	1,238	2,826	
2047	0	483	793	0	0	1,276	2,232	0	(0)	2,232	955	2,974	
2048	0	593	793	0	0	1,387	2,160	0	(0)	2,160	773	3,084	
2049	0	714	793	0	0	1,508	1,887	0	(0)	1,887	379	3,134	
2050	0	830	793	0	0	1,624	1,541	0	(0)	1,541	(83)	3,124	
2051	0	944	793	0	0	1,738	1,584	0	(0)	1,584	(153)	3,107	
2052	0	1,055	793	0	0	1,849	1,467	0	(0)	1,467	(382)	3,067	
2053	0	1,180	793	0	0	1,973	1,244	0	(0)	1,244	(729)	2,996	
2054	0	1,320	793	0	0	2,113	1,239	0	(0)	1,239	(874)	2,918	
2055	0	805	793	0	0	1,599	1,031	0	(0)	1,031	(568)	2,871	
2056	0	667	793	0	0	1,460	1,015	0	(0)	1,015	(446)	2,837	
2057	0	530	793	0	0	1,324	962	0	(0)	962	(362)	2,811	
2058	0	388	793	0	0	1,182	916	0	(0)	915	(266)	2,794	
2059	0	240	793	0	0	1,033	888	0	(0)	888	(145)	2,785	
2060	0	240	793	0	0	1,033	820	0	(0)	820	(213)	2,773	
2061	0	245	793	0	0	1,038	845	0	(0)	845	(193)	2,763	
2062	0	249	793	0	0	1,043	998	0	(0)	998	(45)	2,761	
2063	0	252	793	0	0	1,045	860	0	(0)	860	(185)	2,752	
2064	0	255	793	0	0	1,049	596	0	(0)	596	(453)	2,734	
2065	0	406	793	0	0	1,199	810	0	(0)	810	(390)	2,719	
2066	0	564	793	0	0	1,357	705	0	(0)	705	(652)	2,696	
2067	0	791	793	0	0	1,585	807	0	(0)	807	(778)	2,671	
2068	0	972	793	0	0	1,765	720	0	(0)	720	(1,045)	2,639	
2069	0	1,170	793	0	0	1,964	705	0	(0)	705	(1,259)	2,604	
2070	0	1,360	793	0	0	2,154	537	0	(0)	537	(1,616)	2,563	
2071	0	1,547	793	0	0	2,341	485	0	(0)	485	(1,856)	2,518	
2072	0	1,729	793	0	0	2,523	433	0	(0)	433	(2,090)	2,472	
2073	0	1,933	793	0	0	2,727	381	0	(0)	381	(2,346)	2,424	
2074	0	2,163	793	0	0	2,956	350	0	(0)	350	(2,606)	2,375	
2075	0	1,675	793	0	0	2,468	320	0	(0)	320	(2,148)	2,338	
2076	0	1,772	793	0	0	2,566	301	0	(0)	301	(2,265)	2,301	
2077	0	1,840	793	0	0	2,633	283	0	(0)	282	(2,351)	2,266	
2078	0	1,876	793	0	0	2,669	265	0	(0)	265	(2,404)	2,233	
2079	0	1,881	793	0	0	2,674	248	0	(0)	248	(2,426)	2,202	
2080	0	1,885	793	0	0	2,678	232	0	(0)	232	(2,446)	2,173	
2081	0	1,889	793	0	0	2,683	217	0	(0)	217	(2,466)	2,146	
2082	0	1,893	793	0	0	2,687	203	0	(0)	203	(2,484)	2,121	
NOM	0	45,464	41,491	10	0	86,964	67,447.21	0.00	0.00	(4.45)	67,443	(19,522)	
NPV	0	4,675	5,832	1	0	10,508	12,629	0	0	(0)	12,629	2,121	

Discount Rate :
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.10 %
1.20

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.15 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.19 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	705.59 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.434
(2) TRC TEST	2.696
(3) PARTICIPANT TEST	10.18

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	918	4,000	0	4,918	792	0	2,641	0	2,641	
2026	950	4,040	0	4,990	2,583	0	2,734	0	2,734	
2027	984	4,080	0	5,064	4,493	0	2,830	0	2,830	
2028	1,018	4,121	0	5,140	6,392	0	2,930	0	2,930	
2029	1,054	4,163	0	5,217	8,331	0	3,033	0	3,033	
2030	1,091	4,204	0	5,296	10,743	0	3,140	0	3,140	
2031	1,130	4,246	0	5,376	13,077	0	3,251	0	3,251	
2032	1,170	4,289	0	5,458	15,559	0	3,365	0	3,365	
2033	1,211	4,332	0	5,543	18,039	0	3,484	0	3,484	
2034	1,254	4,375	0	5,629	20,650	0	3,607	0	3,607	
2035	0	0	0	0	22,327	0	0	0	0	
2036	0	0	0	0	22,818	0	0	0	0	
2037	0	0	0	0	23,323	0	0	0	0	
2038	0	0	0	0	23,910	0	0	0	0	
2039	0	0	0	0	24,529	0	0	0	0	
2040	0	0	0	0	25,038	0	0	0	0	
2041	0	0	0	0	25,559	0	0	0	0	
2042	0	0	0	0	26,071	0	0	0	0	
2043	1,432	4,000	0	5,432	26,580	0	4,119	0	4,119	
2044	1,482	4,040	0	5,522	27,227	0	4,264	0	4,264	
2045	1,534	4,080	0	5,615	27,941	0	4,414	0	4,414	
2046	1,588	4,121	0	5,710	28,545	0	4,570	0	4,570	
2047	1,644	4,163	0	5,807	29,140	0	4,731	0	4,731	
2048	1,702	4,204	0	5,906	29,669	0	4,897	0	4,897	
2049	1,762	4,246	0	6,008	30,256	0	5,070	0	5,070	
2050	1,824	4,289	0	6,113	30,818	0	5,249	0	5,249	
2051	1,889	4,332	0	6,220	31,259	0	5,434	0	5,434	
2052	1,955	4,375	0	6,330	31,919	0	5,625	0	5,625	
2053	0	0	0	0	32,420	0	0	0	0	
2054	0	0	0	0	32,927	0	0	0	0	
2055	0	0	0	0	33,440	0	0	0	0	
2056	0	0	0	0	33,959	0	0	0	0	
2057	0	0	0	0	34,484	0	0	0	0	
2058	0	0	0	0	35,016	0	0	0	0	
2059	0	0	0	0	35,555	0	0	0	0	
2060	0	0	0	0	36,100	0	0	0	0	
2061	2,233	4,000	0	6,233	36,652	0	6,424	0	6,424	
2062	2,311	4,040	0	6,352	37,211	0	6,650	0	6,650	
2063	2,393	4,080	0	6,473	37,924	0	6,884	0	6,884	
2064	2,477	4,121	0	6,599	38,647	0	7,127	0	7,127	
2065	2,565	4,163	0	6,727	39,369	0	7,378	0	7,378	
2066	2,655	4,204	0	6,859	40,086	0	7,638	0	7,638	
2067	2,749	4,246	0	6,995	40,806	0	7,908	0	7,908	
2068	2,845	4,289	0	7,134	41,532	0	8,186	0	8,186	
2069	2,946	4,332	0	7,277	42,268	0	8,475	0	8,475	
2070	3,050	4,375	0	7,424	43,012	0	8,774	0	8,774	
2071	0	0	0	0	43,765	0	0	0	0	
2072	0	0	0	0	44,538	0	0	0	0	
2073	0	0	0	0	45,318	0	0	0	0	
2074	0	0	0	0	46,116	0	0	0	0	
2075	0	0	0	0	46,932	0	0	0	0	
2076	0	0	0	0	47,768	0	0	0	0	
2077	0	0	0	0	48,625	0	0	0	0	
2078	0	0	0	0	49,503	0	0	0	0	
2079	3,482	4,000	0	7,482	50,405	0	10,019	0	10,019	
2080	3,605	4,040	0	7,645	51,330	0	10,372	0	10,372	
2081	3,732	4,080	0	7,813	52,280	0	10,737	0	10,737	
2082	3,864	4,121	0	7,985	53,258	0	11,116	0	11,116	
NOM	68,500	141,792	0	210,291	1,838,833	0	197,075	0	197,075	
NPV	10,150	33,778	0	43,928	200,282	0	29,200	0	29,200	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	46,945	666	0	2,966	554	788	17	936	503	0	6,429	6,429	6,429	46,809
2036	45,621	647	0	2,882	1,098	772	17	936	(70)	0	6,282	5,812	12,241	45,873
2037	44,141	626	0	2,789	1,581	756	16	936	(585)	0	6,120	5,237	17,478	44,937
2038	42,717	606	0	2,699	2,012	741	16	936	(1,046)	0	5,963	4,721	22,199	44,001
2039	41,344	586	0	2,612	2,394	725	16	936	(1,458)	0	5,811	4,256	26,456	43,064
2040	40,019	567	0	2,528	2,732	709	15	936	(1,824)	0	5,664	3,838	30,294	42,128
2041	38,739	549	0	2,447	3,028	693	15	936	(2,147)	0	5,522	3,461	33,755	41,192
2042	37,499	532	0	2,369	3,285	678	14	936	(2,431)	0	5,383	3,122	36,876	40,256
2043	36,282	514	0	2,292	3,537	662	14	936	(2,709)	0	5,247	2,815	39,691	39,320
2044	35,068	497	0	2,215	3,788	646	14	936	(2,986)	0	5,111	2,536	42,227	38,383
2045	33,854	480	0	2,139	4,040	630	13	936	(3,264)	0	4,975	2,284	44,511	37,447
2046	32,640	463	0	2,062	4,292	614	13	936	(3,542)	0	4,839	2,055	46,566	36,511
2047	31,426	446	0	1,985	4,543	599	13	936	(3,819)	0	4,703	1,848	48,414	35,575
2048	30,212	428	0	1,909	4,795	583	12	936	(4,097)	0	4,567	1,660	50,074	34,639
2049	28,999	411	0	1,832	5,047	567	12	936	(4,375)	0	4,431	1,490	51,564	33,703
2050	27,785	394	0	1,755	5,298	551	12	936	(4,652)	0	4,295	1,336	52,900	32,766
2051	26,571	377	0	1,679	5,550	536	11	936	(4,930)	0	4,159	1,197	54,097	31,830
2052	25,357	360	0	1,602	5,801	520	11	936	(5,208)	0	4,022	1,071	55,168	30,894
2053	24,143	342	0	1,525	6,053	504	11	936	(5,485)	0	3,886	957	56,125	29,958
2054	22,929	325	0	1,449	6,305	488	10	936	(5,763)	0	3,750	855	56,979	29,022
2055	21,835	310	0	1,379	6,320	473	10	936	(5,802)	0	3,626	764	57,744	28,085
2056	20,979	297	0	1,325	6,102	457	10	936	(5,602)	0	3,526	687	58,431	27,149
2057	20,243	287	0	1,279	5,886	441	9	936	(5,402)	0	3,437	620	59,051	26,213
2058	19,507	277	0	1,232	5,670	425	9	936	(5,202)	0	3,348	559	59,610	25,277
2059	18,771	266	0	1,186	5,454	410	9	936	(5,002)	0	3,259	503	60,113	24,341
2060	18,035	256	0	1,139	5,238	394	8	936	(4,801)	0	3,170	453	60,566	23,405
2061	17,299	245	0	1,093	5,022	378	8	936	(4,601)	0	3,081	407	60,973	22,468
2062	16,563	235	0	1,046	4,806	362	8	936	(4,401)	0	2,993	366	61,339	21,532
2063	15,827	224	0	1,000	4,591	347	7	936	(4,201)	0	2,904	328	61,667	20,596
2064	15,090	214	0	953	4,375	331	7	936	(4,001)	0	2,815	294	61,961	19,660
2065	14,354	204	0	907	4,159	315	7	936	(3,801)	0	2,726	264	62,225	18,724
2066	13,618	193	0	860	3,943	299	6	936	(3,601)	0	2,637	236	62,461	17,787
2067	12,882	183	0	814	3,727	284	6	936	(3,401)	0	2,549	211	62,672	16,851
2068	12,146	172	0	767	3,511	268	6	936	(3,201)	0	2,460	188	62,861	15,915
2069	11,410	162	0	721	3,295	252	5	936	(3,001)	0	2,371	168	63,029	14,979
2070	10,674	151	0	674	3,080	236	5	936	(2,801)	0	2,282	150	63,179	14,043
2071	9,938	141	0	628	2,864	221	5	936	(2,601)	0	2,193	133	63,312	13,107
2072	9,201	130	0	581	2,648	205	4	936	(2,401)	0	2,104	118	63,430	12,170
2073	8,465	120	0	535	2,432	189	4	936	(2,201)	0	2,016	105	63,534	11,234
2074	7,729	110	0	488	2,216	173	4	936	(2,001)	0	1,927	93	63,627	10,298
2075	6,993	99	0	442	2,000	158	3	936	(1,801)	0	1,838	82	63,709	9,362
2076	6,257	89	0	395	1,785	158	3	936	(1,600)	0	1,765	73	63,781	9,362
2077	5,521	78	0	349	1,569	158	3	936	(1,400)	0	1,692	64	63,845	9,362
2078	4,785	68	0	302	1,353	158	3	936	(1,200)	0	1,620	57	63,902	9,362
2079	4,049	57	0	256	1,137	158	3	936	(1,000)	0	1,547	50	63,953	9,362
2080	3,313	47	0	209	921	158	3	936	(800)	0	1,474	44	63,997	9,362
2081	2,576	37	0	163	705	158	3	936	(600)	0	1,402	39	64,036	9,362
2082	1,840	26	0	116	489	158	3	936	(400)	0	1,329	34	64,070	9,362
2083	1,104	16	0	70	274	158	3	936	(200)	0	1,256	30	64,100	9,362
2084	368	5	0	23	58	158	3	936	0	0	1,183	26	64,126	9,362

IN SERVICE COST (\$000)	46,809
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	1,584	1,584	936	936	936	936	503	7,341	0	0	0	503	1,208
2036	7.22%	3,050	4,634	936	1,872	936	1,872	(70)	7,341	0	0	0	(70)	1,138
2037	6.68%	2,821	7,455	936	2,809	936	2,809	(585)	7,341	0	0	0	(585)	553
2038	6.18%	2,610	10,065	936	3,745	936	3,745	(1,046)	7,341	0	0	0	(1,046)	(493)
2039	5.71%	2,414	12,478	936	4,681	936	4,681	(1,458)	7,341	0	0	0	(1,458)	(1,951)
2040	5.29%	2,233	14,711	936	5,617	936	5,617	(1,824)	7,341	0	0	0	(1,824)	(3,775)
2041	4.89%	2,065	16,776	936	6,553	936	6,553	(2,147)	7,341	0	0	0	(2,147)	(5,922)
2042	4.52%	1,910	18,686	936	7,489	936	7,489	(2,431)	7,341	0	0	0	(2,431)	(8,353)
2043	4.46%	1,885	20,572	936	8,426	936	8,426	(2,709)	7,341	0	0	0	(2,709)	(11,061)
2044	4.46%	1,885	22,456	936	9,362	936	9,362	(2,986)	7,341	0	0	0	(2,986)	(14,048)
2045	4.46%	1,885	24,341	936	10,298	936	10,298	(3,264)	7,341	0	0	0	(3,264)	(17,312)
2046	4.46%	1,885	26,226	936	11,234	936	11,234	(3,542)	7,341	0	0	0	(3,542)	(20,854)
2047	4.46%	1,885	28,111	936	12,170	936	12,170	(3,819)	7,341	0	0	0	(3,819)	(24,673)
2048	4.46%	1,885	29,996	936	13,107	936	13,107	(4,097)	7,341	0	0	0	(4,097)	(28,770)
2049	4.46%	1,885	31,881	936	14,043	936	14,043	(4,375)	7,341	0	0	0	(4,375)	(33,145)
2050	4.46%	1,885	33,765	936	14,979	936	14,979	(4,652)	7,341	0	0	0	(4,652)	(37,797)
2051	4.46%	1,885	35,650	936	15,915	936	15,915	(4,930)	7,341	0	0	0	(4,930)	(42,727)
2052	4.46%	1,885	37,535	936	16,851	936	16,851	(5,208)	7,341	0	0	0	(5,208)	(47,935)
2053	4.46%	1,885	39,420	936	17,787	936	17,787	(5,485)	7,341	0	0	0	(5,485)	(53,420)
2054	4.46%	1,885	41,305	936	18,724	936	18,724	(5,763)	7,341	0	0	0	(5,763)	(59,183)
2055	2.23%	943	42,247	936	19,660	936	19,660	(5,802)	7,341	0	0	0	(5,802)	(64,985)
2056	0.00%	0	42,247	936	20,596	936	20,596	(5,602)	7,341	0	0	0	(5,602)	(70,587)
2057	0.00%	0	42,247	936	21,532	936	21,532	(5,402)	7,341	0	0	0	(5,402)	(75,988)
2058	0.00%	0	42,247	936	22,468	936	22,468	(5,202)	7,341	0	0	0	(5,202)	(81,190)
2059	0.00%	0	42,247	936	23,405	936	23,405	(5,002)	7,341	0	0	0	(5,002)	(86,192)
2060	0.00%	0	42,247	936	24,341	936	24,341	(4,801)	7,341	0	0	0	(4,801)	(90,993)
2061	0.00%	0	42,247	936	25,277	936	25,277	(4,601)	7,341	0	0	0	(4,601)	(95,595)
2062	0.00%	0	42,247	936	26,213	936	26,213	(4,401)	7,341	0	0	0	(4,401)	(99,996)
2063	0.00%	0	42,247	936	27,149	936	27,149	(4,201)	7,341	0	0	0	(4,201)	(104,197)
2064	0.00%	0	42,247	936	28,085	936	28,085	(4,001)	7,341	0	0	0	(4,001)	(108,198)
2065	0.00%	0	42,247	936	29,022	936	29,022	(3,801)	7,341	0	0	0	(3,801)	(112,000)
2066	0.00%	0	42,247	936	29,958	936	29,958	(3,601)	7,341	0	0	0	(3,601)	(115,601)
2067	0.00%	0	42,247	936	30,894	936	30,894	(3,401)	7,341	0	0	0	(3,401)	(119,002)
2068	0.00%	0	42,247	936	31,830	936	31,830	(3,201)	7,341	0	0	0	(3,201)	(122,203)
2069	0.00%	0	42,247	936	32,766	936	32,766	(3,001)	7,341	0	0	0	(3,001)	(125,204)
2070	0.00%	0	42,247	936	33,703	936	33,703	(2,801)	7,341	0	0	0	(2,801)	(128,005)
2071	0.00%	0	42,247	936	34,639	936	34,639	(2,601)	7,341	0	0	0	(2,601)	(130,605)
2072	0.00%	0	42,247	936	35,575	936	35,575	(2,401)	7,341	0	0	0	(2,401)	(133,006)
2073	0.00%	0	42,247	936	36,511	936	36,511	(2,201)	7,341	0	0	0	(2,201)	(135,207)
2074	0.00%	0	42,247	936	37,447	936	37,447	(2,001)	7,341	0	0	0	(2,001)	(137,207)
2075	0.00%	0	42,247	936	38,383	936	38,383	(1,801)	7,341	0	0	0	(1,801)	(139,008)
2076	0.00%	0	42,247	936	39,320	936	39,320	(1,600)	7,341	0	0	0	(1,600)	(140,609)
2077	0.00%	0	42,247	936	40,256	936	40,256	(1,400)	7,341	0	0	0	(1,400)	(142,009)
2078	0.00%	0	42,247	936	41,192	936	41,192	(1,200)	7,341	0	0	0	(1,200)	(143,209)
2079	0.00%	0	42,247	936	42,128	936	42,128	(1,000)	7,341	0	0	0	(1,000)	(144,210)
2080	0.00%	0	42,247	936	43,064	936	43,064	(800)	7,341	0	0	0	(800)	(145,010)
2081	0.00%	0	42,247	936	44,001	936	44,001	(600)	7,341	0	0	0	(600)	(145,610)
2082	0.00%	0	42,247	936	44,937	936	44,937	(400)	7,341	0	0	0	(400)	(146,010)
2083	0.00%	0	42,247	936	45,873	936	45,873	(200)	7,341	0	0	0	(200)	(146,210)
2084	0.00%	0	42,247	936	46,809	936	46,809	0	7,341	0	0	0	0	(146,210)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	705
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7,341
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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)
2035	3.75%	1,584	503	45,873	936	1,208	47,514	46,376	46,945
2036	7.22%	3,050	(70)	44,937	1,872	1,138	46,376	44,867	45,621
2037	6.68%	2,821	(585)	44,001	2,809	553	44,867	43,416	44,141
2038	6.18%	2,610	(1,046)	43,064	3,745	(493)	43,416	42,018	42,717
2039	5.71%	2,414	(1,458)	42,128	4,681	(1,951)	42,018	40,670	41,344
2040	5.29%	2,233	(1,824)	41,192	5,617	(3,775)	40,670	39,368	40,019
2041	4.89%	2,065	(2,147)	40,256	6,553	(5,922)	39,368	38,109	38,739
2042	4.52%	1,910	(2,431)	39,320	7,489	(8,353)	38,109	36,889	37,499
2043	4.46%	1,885	(2,709)	38,383	8,426	(11,061)	36,889	35,675	36,282
2044	4.46%	1,885	(2,986)	37,447	9,362	(14,048)	35,675	34,461	35,068
2045	4.46%	1,885	(3,264)	36,511	10,298	(17,312)	34,461	33,247	33,854
2046	4.46%	1,885	(3,542)	35,575	11,234	(20,854)	33,247	32,033	32,640
2047	4.46%	1,885	(3,819)	34,639	12,170	(24,673)	32,033	30,819	31,426
2048	4.46%	1,885	(4,097)	33,703	13,107	(28,770)	30,819	29,605	30,212
2049	4.46%	1,885	(4,375)	32,766	14,043	(33,145)	29,605	28,392	28,999
2050	4.46%	1,885	(4,652)	31,830	14,979	(37,797)	28,392	27,178	27,785
2051	4.46%	1,885	(4,930)	30,894	15,915	(42,727)	27,178	25,964	26,571
2052	4.46%	1,885	(5,208)	29,958	16,851	(47,935)	25,964	24,750	25,357
2053	4.46%	1,885	(5,485)	29,022	17,787	(53,420)	24,750	23,536	24,143
2054	4.46%	1,885	(5,763)	28,085	18,724	(59,183)	23,536	22,322	22,929
2055	2.23%	943	(5,802)	27,149	19,660	(64,985)	22,322	21,347	21,835
2056	0.00%	0	(5,602)	26,213	20,596	(70,587)	21,347	20,611	20,979
2057	0.00%	0	(5,402)	25,277	21,532	(75,988)	20,611	19,875	20,243
2058	0.00%	0	(5,202)	24,341	22,468	(81,190)	19,875	19,139	19,507
2059	0.00%	0	(5,002)	23,405	23,405	(86,192)	19,139	18,403	18,771
2060	0.00%	0	(4,801)	22,468	24,341	(90,993)	18,403	17,667	18,035
2061	0.00%	0	(4,601)	21,532	25,277	(95,595)	17,667	16,931	17,299
2062	0.00%	0	(4,401)	20,596	26,213	(99,996)	16,931	16,195	16,563
2063	0.00%	0	(4,201)	19,660	27,149	(104,197)	16,195	15,459	15,827
2064	0.00%	0	(4,001)	18,724	28,085	(108,198)	15,459	14,722	15,090
2065	0.00%	0	(3,801)	17,787	29,022	(112,000)	14,722	13,986	14,354
2066	0.00%	0	(3,601)	16,851	29,958	(115,601)	13,986	13,250	13,618
2067	0.00%	0	(3,401)	15,915	30,894	(119,002)	13,250	12,514	12,882
2068	0.00%	0	(3,201)	14,979	31,830	(122,203)	12,514	11,778	12,146
2069	0.00%	0	(3,001)	14,043	32,766	(125,204)	11,778	11,042	11,410
2070	0.00%	0	(2,801)	13,107	33,703	(128,005)	11,042	10,306	10,674
2071	0.00%	0	(2,601)	12,170	34,639	(130,605)	10,306	9,570	9,938
2072	0.00%	0	(2,401)	11,234	35,575	(133,006)	9,570	8,833	9,201
2073	0.00%	0	(2,201)	10,298	36,511	(135,207)	8,833	8,097	8,465
2074	0.00%	0	(2,001)	9,362	37,447	(137,207)	8,097	7,361	7,729
2075	0.00%	0	(1,801)	8,426	38,383	(139,008)	7,361	6,625	6,993
2076	0.00%	0	(1,600)	7,489	39,320	(140,609)	6,625	5,889	6,257
2077	0.00%	0	(1,400)	6,553	40,256	(142,009)	5,889	5,153	5,521
2078	0.00%	0	(1,200)	5,617	41,192	(143,209)	5,153	4,417	4,785
2079	0.00%	0	(1,000)	4,681	42,128	(144,210)	4,417	3,681	4,049
2080	0.00%	0	(800)	3,745	43,064	(145,010)	3,681	2,944	3,313
2081	0.00%	0	(600)	2,809	44,001	(145,610)	2,944	2,208	2,576
2082	0.00%	0	(400)	1,872	44,937	(146,010)	2,208	1,472	1,840
2083	0.00%	0	(200)	936	45,873	(146,210)	1,472	736	1,104
2084	0.00%	0	0	0	46,809	(146,210)	736	0	368

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

(8)	(8a)*	(8b)*	(9)	(9a)*	(9b)*	(9c)*	(9d)*	(9e)*	(10)	(11)		
NO. YEARS BEFORE IN-SERVICE	CUMULATIVE SPENDING WITH AFUDC (\$/kW)	DEBT AFUDC (\$/kW)	YEARLY TOTAL AFUDC (\$/kW)	CUMULATIVE TOTAL AFUDC (\$/kW)	CONSTRUCTION PERIOD INTEREST (\$/kW)	CUMULATIVE CPI (\$/kW)	DEFERRED TAXES (\$/kW)	CUMULATIVE DEFERRED TAXES (\$/kW)	INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	CUMULATIVE YEAR-END BOOK VALUE (\$/kW)		
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2030	-5	205.19	2.87	12.76	7.20	7.20	1.10	1.10	423.13	423.13		
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	405.38	828.51		
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	230.69	1,059.20	
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	37,335	37,335	37,335
EQUITY AFUDC	7,341		
DEBT AFUDC	2,132	2,132	
CPI			4,912
IIC Basis Reduction (Solar)			
TOTAL	46,809	39,468	42,247

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	20,000	20,000	2.97	3.12	3.29	0.00	1.00	1.00
2026	40,200	40,200	3.41	3.56	3.84	0.00	1.00	1.00
2027	60,602	60,602	3.37	3.52	3.82	0.00	1.00	1.00
2028	81,208	81,208	3.51	3.61	3.92	0.00	1.00	1.00
2029	102,020	102,020	3.59	3.67	4.11	0.00	1.00	1.00
2030	123,040	123,040	3.29	3.31	3.79	0.00	1.00	1.00
2031	144,271	144,271	3.07	2.98	3.61	0.00	1.00	1.00
2032	165,713	165,713	2.95	2.84	3.54	0.00	1.00	1.00
2033	187,371	187,371	3.33	3.26	3.79	6.88	1.00	1.00
2034	209,244	209,244	3.53	3.48	4.04	6.98	1.00	1.00
2035	209,244	209,244	3.86	3.85	4.42	7.13	1.00	1.00
2036	209,244	209,244	4.00	3.98	4.51	6.98	1.00	1.00
2037	209,244	209,244	4.20	4.20	4.70	7.15	1.00	1.00
2038	209,244	209,244	4.53	4.58	5.05	7.22	1.00	1.00
2039	209,244	209,244	4.72	4.74	5.21	7.16	1.00	1.00
2040	209,244	209,244	5.06	5.08	5.54	7.38	1.00	1.00
2041	209,244	209,244	5.39	5.38	5.81	7.51	1.00	1.00
2042	209,244	209,244	5.49	5.51	5.93	7.59	1.00	1.00
2043	209,244	209,244	5.72	5.74	6.18	7.82	1.00	1.00
2044	209,244	209,244	6.11	6.16	6.61	8.08	1.00	1.00
2045	209,244	209,244	6.50	6.55	7.02	8.49	1.00	1.00
2046	209,244	209,244	6.71	6.77	7.26	8.36	1.00	1.00
2047	209,244	209,244	7.07	7.12	7.61	8.85	1.00	1.00
2048	209,244	209,244	7.41	7.46	7.99	9.24	1.00	1.00
2049	209,244	209,244	7.89	7.96	8.49	9.55	1.00	1.00
2050	209,244	209,244	8.54	8.64	9.23	10.09	1.00	1.00
2051	209,244	209,244	8.49	8.58	9.13	10.16	1.00	1.00
2052	209,244	209,244	8.54	8.63	9.14	10.08	1.00	1.00
2053	209,244	209,244	8.58	8.67	9.22	10.06	1.00	1.00
2054	209,244	209,244	8.61	8.71	9.19	9.85	1.00	1.00
2055	209,244	209,244	8.57	8.64	9.11	9.91	1.00	1.00
2056	209,244	209,244	8.54	8.64	9.08	9.73	1.00	1.00
2057	209,244	209,244	8.59	8.71	9.21	9.80	1.00	1.00
2058	209,244	209,244	8.51	8.59	9.03	9.59	1.00	1.00
2059	209,244	209,244	8.55	8.64	9.10	9.63	1.00	1.00
2060	209,244	209,244	8.59	8.70	9.13	9.54	1.00	1.00
2061	209,244	209,244	8.43	8.54	8.97	9.45	1.00	1.00
2062	209,244	209,244	8.42	8.52	8.97	9.27	1.00	1.00
2063	209,244	209,244	8.49	8.64	9.15	9.73	1.00	1.00
2064	209,244	209,244	8.47	8.60	9.03	9.62	1.00	1.00
2065	209,244	209,244	8.37	8.49	8.92	9.50	1.00	1.00
2066	209,244	209,244	8.32	8.44	8.92	9.49	1.00	1.00
2067	209,244	209,244	8.33	8.47	8.92	9.47	1.00	1.00
2068	209,244	209,244	8.39	8.52	8.62	9.42	1.00	1.00
2069	209,244	209,244	8.39	8.52	8.62	9.50	1.00	1.00
2070	209,244	209,244	8.39	8.52	8.62	9.30	1.00	1.00
2071	209,244	209,244	8.39	8.52	8.62	9.26	1.00	1.00
2072	209,244	209,244	8.39	8.52	8.62	9.22	1.00	1.00
2073	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2074	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2075	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2076	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2077	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2078	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2079	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2080	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2081	209,244	209,244	8.39	8.52	8.62	9.18	1.00	1.00
2082	209,244	209,244	8.39	8.52	8.62	9.18	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: 2025 DSM Plan - Residential Air Conditioning

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	6,429	626	24	14512	15919	5671
2036	6,282	642	26	15315	16791	5474
2037	6,120	658	27	15907	17432	5280
2038	5,963	674	29	16740	18366	5040
2039	5,811	691	31	17426	18933	5026
2040	5,664	708	32	18132	19784	4753
2041	5,522	726	35	19394	21144	4532
2042	5,383	744	35	19333	21121	4374
2043	5,247	763	36	19970	21766	4250
2044	5,111	782	38	21014	23051	3893
2045	4,975	801	40	22508	24502	3821
2046	4,839	821	41	22559	24701	3560
2047	4,703	842	42	23888	26131	3344
2048	4,567	863	43	24744	26980	3237
2049	4,431	884	45	26016	28549	2827
2050	4,295	907	47	27567	30506	2309
2051	4,159	929	48	27939	30700	2374
2052	4,022	952	49	27292	30118	2198
2053	3,886	976	51	27718	30767	1864
2054	3,750	1,001	53	27498	30445	1857
2055	3,626	1,026	54	27482	30643	1545
2056	3,526	1,051	56	26960	30072	1520
2057	3,437	1,078	58	27506	30636	1442
2058	3,348	1,104	60	27170	30310	1372
2059	3,259	1,132	60	26984	30105	1330
2060	3,170	1,160	62	26656	29820	1229
2061	3,081	1,189	63	26140	29208	1266
2062	2,993	1,219	65	26184	28965	1495
2063	2,904	1,250	67	27497	30429	1288
2064	2,815	1,281	69	27132	30403	894
2065	2,726	1,313	70	26793	29689	1213
2066	2,637	1,346	72	26656	29655	1056
2067	2,549	1,379	74	26797	29589	1209
2068	2,460	1,414	76	26581	29451	1079
2069	2,371	1,449	77	26859	29700	1057
2070	2,282	1,485	79	26028	29069	805
2071	2,193	1,523	81	25874	28945	726
2072	2,104	1,561	83	25721	28821	648
2073	2,016	1,600	85	25568	28697	572
2074	1,927	1,640	88	25568	28697	525
2075	1,838	1,681	90	25568	28697	479
2076	1,765	1,723	92	25568	28697	451
2077	1,692	1,766	94	25568	28697	423
2078	1,620	1,810	97	25568	28697	397
2079	1,547	1,855	99	25568	28697	372
2080	1,474	1,901	102	25568	28697	348
2081	1,402	1,949	104	25568	28697	326
2082	1,329	1,998	107	25568	28697	304
NOM	169,247	56,870	2,957	1,172,171	1,300,190	101,056
NPV	25,174.43	4,380.42	213	108,323	119,168	18,923

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential Air Conditioning

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	224	0
2026	282	21	302	84	21	105	767	0
2027	567	36	602	170	36	206	1,270	0
2028	854	52	906	257	52	309	1,820	0
2029	1,145	68	1,213	345	69	414	2,392	0
2030	1,439	86	1,525	435	87	522	2,635	0
2031	1,738	105	1,843	527	105	632	2,786	0
2032	2,041	124	2,166	620	125	745	3,065	0
2033	2,350	145	2,495	715	146	861	4,035	0
2034	2,663	167	2,831	812	168	981	4,855	0
2035	2,982	181	3,163	912	182	1,094	5,680	0
2036	2,889	185	3,074	888	187	1,075	5,865	0
2037	2,796	190	2,986	864	191	1,056	6,197	0
2038	2,705	195	2,900	841	196	1,038	6,780	0
2039	2,616	200	2,816	819	201	1,020	7,015	0
2040	2,528	205	2,733	797	206	1,003	7,516	0
2041	2,442	210	2,651	774	211	986	7,941	0
2042	2,357	215	2,572	753	216	969	8,147	0
2043	2,276	220	2,496	731	222	953	8,475	0
2044	2,198	226	2,424	709	227	936	9,122	0
2045	2,123	232	2,355	687	233	920	9,695	0
2046	2,052	237	2,290	665	239	904	10,032	0
2047	1,985	243	2,229	644	245	889	10,533	0
2048	1,922	249	2,171	624	251	875	11,028	0
2049	1,862	256	2,118	604	257	861	11,786	0
2050	1,807	262	2,069	585	264	849	12,807	0
2051	1,755	269	2,023	567	270	837	12,708	0
2052	1,704	275	1,979	550	277	827	12,777	0
2053	1,653	282	1,935	533	284	817	12,837	0
2054	1,602	289	1,891	518	291	809	12,899	0
2055	1,550	296	1,847	504	298	802	12,792	0
2056	1,499	304	1,803	490	306	796	12,810	0
2057	1,448	311	1,760	476	313	790	12,918	0
2058	1,397	319	1,717	463	321	784	12,717	0
2059	1,346	327	1,673	449	329	779	12,803	0
2060	1,295	335	1,631	436	338	774	12,902	0
2061	1,244	344	1,588	422	346	768	12,661	0
2062	1,194	352	1,546	409	355	764	12,624	0
2063	1,144	361	1,505	396	363	759	12,831	0
2064	1,095	370	1,466	382	373	755	12,758	0
2065	1,048	380	1,427	369	382	751	12,583	0
2066	1,001	389	1,390	355	391	747	12,515	0
2067	955	399	1,354	342	401	743	12,562	0
2068	910	409	1,319	328	411	740	12,643	0
2069	866	419	1,285	316	422	737	12,643	0
2070	779	429	1,209	303	432	735	12,643	0
2071	687	440	1,127	290	443	733	12,643	0
2072	597	451	1,048	278	454	732	12,643	0
2073	508	462	971	266	465	731	12,643	0
2074	421	474	895	254	477	731	12,643	0
2075	336	486	822	243	489	732	12,643	0
2076	252	498	750	217	501	718	12,643	0
2077	169	510	680	191	514	705	12,643	0
2078	89	523	612	166	526	693	12,643	0
2079	10	536	547	141	540	681	12,643	0
2080	(0)	550	550	117	553	670	12,643	0
2081	(0)	563	563	93	567	660	12,643	0
2082	0	578	578	69	581	650	12,643	0
NOM	79,175	17,244.30	96,419	26,797	17,352	44,149	568,803	0
NPV	17,903	1,692	19,595	5,603	1,703	7,306	60,269	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	1	0	1
2034	0	0	1	0	1
2035	1	1	1	0	1
2036	1	1	1	0	1
2037	1	1	1	0	1
2038	1	1	1	0	1
2039	1	1	1	0	0
2040	1	1	1	0	0
2041	1	1	1	0	0
2042	1	1	1	0	0
2043	1	1	1	0	0
2044	1	1	1	0	0
2045	1	1	1	0	0
2046	1	1	1	0	0
2047	1	1	1	0	0
2048	1	1	1	0	0
2049	1	1	1	0	0
2050	1	1	1	0	0
2051	1	1	1	0	0
2052	1	1	1	0	0
2053	1	1	1	0	0
2054	1	1	1	0	0
2055	1	1	1	0	0
2056	1	1	1	0	0
2057	1	1	1	0	0
2058	1	1	1	0	0
2059	1	1	1	0	0
2060	1	1	1	0	0
2061	1	1	1	0	0
2062	1	1	1	0	0
2063	1	1	1	0	0
2064	1	1	1	0	0
2065	1	1	1	0	0
2066	1	1	1	0	0
2067	1	1	1	0	0
2068	1	1	1	0	0
2069	1	1	1	0	0
2070	1	1	1	0	0
2071	1	1	1	0	0
2072	1	1	1	0	0
2073	1	1	1	0	0
2074	1	1	1	0	0
2075	1	1	1	0	0
2076	1	1	1	0	0
2077	1	1	1	0	0
2078	1	1	1	0	0
2079	1	1	1	0	0
2080	1	1	1	0	0
2081	1	1	1	0	0
2082	1	1	1	0	0
NOM	54	61	33	0	26
NPV	5	6	5	0	4

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	918	2,641	0	3,559	0	0	224	0	224	(3,335)	(2,854)
2026	0	950	2,734	0	3,684	0	408	767	0	1,174	(2,510)	(4,841)
2027	0	984	2,830	0	3,814	0	808	1,270	0	2,079	(1,735)	(6,111)
2028	0	1,018	2,930	0	3,948	0	1,215	1,820	0	3,035	(914)	(6,731)
2029	0	1,054	3,033	0	4,087	0	1,627	2,392	0	4,020	(68)	(6,773)
2030	0	1,091	3,140	0	4,232	0	2,047	2,635	0	4,682	451	(6,512)
2031	0	1,130	3,251	0	4,381	0	2,475	2,786	0	5,262	881	(6,039)
2032	0	1,170	3,365	0	4,535	0	2,911	3,065	0	5,976	1,441	(5,324)
2033	0	1,211	3,484	0	4,695	0	3,356	4,035	1	7,392	2,697	(4,085)
2034	0	1,254	3,607	0	4,860	0	3,811	4,855	1	8,667	3,806	(2,469)
2035	0	0	0	0	0	5,671	4,257	5,680	1	15,609	15,609	3,664
2036	0	0	0	0	0	5,474	4,149	5,865	1	15,488	15,488	9,294
2037	0	0	0	0	0	5,280	4,042	6,197	1	15,520	15,520	14,513
2038	0	0	0	0	0	5,040	3,938	6,780	1	15,757	15,757	19,415
2039	0	0	0	0	0	5,026	3,836	7,015	0	15,878	15,878	23,984
2040	0	0	0	0	0	4,753	3,736	7,516	0	16,005	16,005	28,245
2041	0	0	0	0	0	4,532	3,637	7,941	0	16,111	16,111	32,213
2042	0	0	0	0	0	4,374	3,541	8,147	0	16,063	16,063	35,873
2043	0	1,432	4,119	0	5,550	4,250	3,449	8,475	0	16,174	10,624	38,112
2044	0	1,482	4,264	0	5,746	3,893	3,360	9,122	0	16,376	10,630	40,185
2045	0	1,534	4,414	0	5,948	3,821	3,275	9,695	0	16,791	10,843	42,141
2046	0	1,588	4,570	0	6,158	3,560	3,194	10,032	0	16,786	10,628	43,915
2047	0	1,644	4,731	0	6,375	3,344	3,117	10,533	0	16,995	10,620	45,554
2048	0	1,702	4,897	0	6,600	3,237	3,046	11,028	0	17,310	10,711	47,084
2049	0	1,762	5,070	0	6,832	2,827	2,979	11,786	0	17,593	10,760	48,506
2050	0	1,824	5,249	0	7,073	2,309	2,918	12,807	0	18,035	10,961	49,845
2051	0	1,889	5,434	0	7,323	2,374	2,861	12,708	0	17,943	10,620	51,046
2052	0	1,955	5,625	0	7,581	2,198	2,806	12,777	0	17,782	10,201	52,113
2053	0	0	0	0	0	1,864	2,752	12,837	0	17,454	17,454	53,802
2054	0	0	0	0	0	1,857	2,700	12,899	0	17,456	17,456	55,365
2055	0	0	0	0	0	1,545	2,649	12,792	0	16,987	16,987	56,772
2056	0	0	0	0	0	1,520	2,599	12,810	0	16,930	16,930	58,069
2057	0	0	0	0	0	1,442	2,550	12,918	0	16,910	16,910	59,268
2058	0	0	0	0	0	1,372	2,501	12,717	0	16,590	16,590	60,355
2059	0	0	0	0	0	1,330	2,452	12,803	0	16,586	16,586	61,362
2060	0	0	0	0	0	1,229	2,404	12,902	0	16,535	16,535	62,290
2061	0	2,233	6,424	0	8,656	1,266	2,356	12,661	0	16,284	7,627	62,685
2062	0	2,311	6,650	0	8,961	1,495	2,310	12,624	0	16,429	7,468	63,044
2063	0	2,393	6,884	0	9,277	1,288	2,264	12,831	0	16,384	7,106	63,360
2064	0	2,477	7,127	0	9,604	894	2,220	12,758	0	15,873	6,268	63,618
2065	0	2,565	7,378	0	9,943	1,213	2,178	12,583	0	15,974	6,032	63,847
2066	0	2,655	7,638	0	10,293	1,056	2,136	12,515	0	15,708	5,415	64,037
2067	0	2,749	7,908	0	10,656	1,209	2,097	12,562	0	15,868	5,212	64,207
2068	0	2,845	8,186	0	11,032	1,079	2,059	12,643	0	15,781	4,749	64,350
2069	0	2,946	8,475	0	11,421	1,057	2,022	12,643	0	15,723	4,302	64,470
2070	0	3,050	8,774	0	11,823	805	1,943	12,643	0	15,392	3,568	64,562
2071	0	0	0	0	0	726	1,861	12,643	0	15,230	15,230	64,925
2072	0	0	0	0	0	648	1,780	12,643	0	15,072	15,072	65,257
2073	0	0	0	0	0	572	1,702	12,643	0	14,917	14,917	65,561
2074	0	0	0	0	0	525	1,627	12,643	0	14,795	14,795	65,840
2075	0	0	0	0	0	479	1,553	12,643	0	14,676	14,676	66,097
2076	0	0	0	0	0	451	1,468	12,643	0	14,562	14,562	66,332
2077	0	0	0	0	0	423	1,385	12,643	0	14,451	14,451	66,548
2078	0	0	0	0	0	397	1,305	12,643	0	14,345	14,345	66,746
2079	0	3,482	10,019	0	13,501	372	1,228	12,643	0	14,243	742	66,755
2080	0	3,605	10,372	0	13,977	348	1,220	12,643	0	14,211	234	66,758
2081	0	3,732	10,737	0	14,469	326	1,223	12,643	0	14,192	(278)	66,755
2082	0	3,864	11,116	0	14,979	304	1,228	12,643	0	14,175	(805)	66,747
NOM	0	68,500	197,075	0	265,575	101,055.98	140,568	568,803	26	810,453	544,878	
NPV	0	10,150	29,200	0	39,350	18,923	26,901	60,269	4	106,096.89	66,747	

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

8.10 %
2.70

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	1,043	0	4,000	0	5,043	2,641	0	0	2,641	2,402	2,056
2026	3,399	0	4,040	0	7,439	2,734	0	0	2,734	4,705	5,781
2027	5,912	0	4,080	0	9,993	2,830	0	0	2,830	7,163	11,027
2028	8,411	0	4,121	0	12,532	2,930	0	0	2,930	9,602	17,534
2029	10,962	0	4,163	0	15,124	3,033	0	0	3,033	12,091	25,113
2030	14,135	0	4,204	0	18,339	3,140	0	0	3,140	15,199	33,927
2031	17,206	0	4,246	0	21,453	3,251	0	0	3,251	18,202	43,691
2032	20,472	0	4,289	0	24,761	3,365	0	0	3,365	21,396	54,309
2033	23,735	0	4,332	0	28,067	3,484	0	0	3,484	24,583	65,596
2034	27,171	0	4,375	0	31,546	3,607	0	0	3,607	27,939	77,462
2035	29,377	0	0	0	29,377	0	0	0	0	29,377	89,005
2036	30,024	0	0	0	30,024	0	0	0	0	30,024	99,918
2037	30,688	0	0	0	30,688	0	0	0	0	30,688	110,238
2038	31,460	0	0	0	31,460	0	0	0	0	31,460	120,024
2039	32,275	0	0	0	32,275	0	0	0	0	32,275	129,313
2040	32,944	0	0	0	32,944	0	0	0	0	32,944	138,083
2041	33,631	0	0	0	33,631	0	0	0	0	33,631	146,366
2042	34,305	0	0	0	34,305	0	0	0	0	34,305	154,183
2043	34,973	0	4,000	0	38,974	4,119	0	0	4,119	34,855	161,529
2044	35,825	0	4,040	0	39,865	4,264	0	0	4,264	35,601	168,472
2045	36,764	0	4,080	0	40,844	4,414	0	0	4,414	36,430	175,043
2046	37,559	0	4,121	0	41,680	4,570	0	0	4,570	37,111	181,237
2047	38,342	0	4,163	0	42,504	4,731	0	0	4,731	37,774	187,068
2048	39,038	0	4,204	0	43,242	4,897	0	0	4,897	38,345	192,545
2049	39,810	0	4,246	0	44,056	5,070	0	0	5,070	38,986	197,696
2050	40,550	0	4,289	0	44,839	5,249	0	0	5,249	39,590	202,535
2051	41,130	0	4,332	0	45,462	5,434	0	0	5,434	40,028	207,061
2052	41,999	0	4,375	0	46,374	5,625	0	0	5,625	40,748	211,324
2053	42,658	0	0	0	42,658	0	0	0	0	42,658	215,452
2054	43,325	0	0	0	43,325	0	0	0	0	43,325	219,331
2055	44,000	0	0	0	44,000	0	0	0	0	44,000	222,975
2056	44,683	0	0	0	44,683	0	0	0	0	44,683	226,398
2057	45,374	0	0	0	45,374	0	0	0	0	45,374	229,614
2058	46,074	0	0	0	46,074	0	0	0	0	46,074	232,635
2059	46,783	0	0	0	46,783	0	0	0	0	46,783	235,473
2060	47,500	0	0	0	47,500	0	0	0	0	47,500	238,139
2061	48,226	0	4,000	0	52,226	6,424	0	0	6,424	45,803	240,517
2062	48,961	0	4,040	0	53,001	6,650	0	0	6,650	46,351	242,743
2063	49,900	0	4,080	0	53,981	6,884	0	0	6,884	47,096	244,835
2064	50,851	0	4,121	0	54,972	7,127	0	0	7,127	47,845	246,802
2065	51,801	0	4,163	0	55,963	7,378	0	0	7,378	48,585	248,649
2066	52,745	0	4,204	0	56,949	7,638	0	0	7,638	49,311	250,384
2067	53,692	0	4,246	0	57,938	7,908	0	0	7,908	50,031	252,012
2068	54,647	0	4,289	0	58,936	8,186	0	0	8,186	50,750	253,540
2069	55,616	0	4,332	0	59,948	8,475	0	0	8,475	51,473	254,973
2070	56,595	0	4,375	0	60,970	8,774	0	0	8,774	52,196	256,318
2071	57,585	0	0	0	57,585	0	0	0	0	57,585	257,691
2072	58,603	0	0	0	58,603	0	0	0	0	58,603	258,983
2073	59,629	0	0	0	59,629	0	0	0	0	59,629	260,199
2074	60,679	0	0	0	60,679	0	0	0	0	60,679	261,344
2075	61,753	0	0	0	61,753	0	0	0	0	61,753	262,422
2076	62,853	0	0	0	62,853	0	0	0	0	62,853	263,437
2077	63,980	0	0	0	63,980	0	0	0	0	63,980	264,393
2078	65,136	0	0	0	65,136	0	0	0	0	65,136	265,293
2079	66,322	0	4,000	0	70,322	10,019	0	0	10,019	60,303	266,064
2080	67,539	0	4,040	0	71,579	10,372	0	0	10,372	61,208	266,788
2081	68,790	0	4,080	0	72,870	10,737	0	0	10,737	62,133	267,468
2082	70,076	0	4,121	0	74,197	11,116	0	0	11,116	63,082	268,107
NOM	2,419,518	0	141,792	0	2,561,309	197,075	0	0	197,075	2,364,234	
NPV	263,529	0	33,778	0	297,307	29,200	0	0	29,200	268,107	

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

2035
 8.10 %
10.18

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Air Conditioning

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	918	4,000	792	0	5,710	224	0	0	0	224	(5,487)	(4,695)
2026	0	950	4,040	2,583	0	7,574	767	408	0	0	1,174	(6,399)	(9,762)
2027	0	984	4,080	4,493	0	9,558	1,270	808	0	0	2,079	(7,479)	(15,240)
2028	0	1,018	4,121	6,392	0	11,532	1,820	1,215	0	0	3,035	(8,497)	(20,997)
2029	0	1,054	4,163	8,331	0	13,548	2,392	1,627	0	0	4,020	(9,528)	(26,970)
2030	0	1,091	4,204	10,743	0	16,038	2,635	2,047	0	0	4,682	(11,356)	(33,555)
2031	0	1,130	4,246	13,077	0	18,453	2,786	2,475	0	0	5,262	(13,191)	(40,631)
2032	0	1,170	4,289	15,559	0	21,017	3,065	2,911	0	0	5,976	(15,041)	(48,096)
2033	0	1,211	4,332	18,039	0	23,581	4,035	3,356	0	1	7,392	(16,189)	(55,529)
2034	0	1,254	4,375	20,650	0	26,278	4,855	3,811	0	1	8,667	(17,611)	(63,009)
2035	0	0	0	22,327	0	22,327	11,351	4,257	0	1	15,609	(6,718)	(65,648)
2036	0	0	0	22,818	0	22,818	11,339	4,149	0	1	15,488	(7,331)	(68,313)
2037	0	0	0	23,323	0	23,323	11,478	4,042	0	1	15,520	(7,803)	(70,937)
2038	0	0	0	23,910	0	23,910	11,819	3,938	0	1	15,757	(8,152)	(73,473)
2039	0	0	0	24,529	0	24,529	12,041	3,836	0	0	15,878	(8,651)	(75,962)
2040	0	0	0	25,038	0	25,038	12,269	3,736	0	0	16,005	(9,033)	(78,367)
2041	0	0	0	25,559	0	25,559	12,474	3,637	0	0	16,111	(9,448)	(80,694)
2042	0	0	0	26,071	0	26,071	12,521	3,541	0	0	16,063	(10,009)	(82,975)
2043	0	1,432	4,000	26,580	0	32,011	12,724	3,449	0	0	16,174	(15,838)	(86,313)
2044	0	1,482	4,040	27,227	0	32,749	13,015	3,360	0	0	16,376	(16,374)	(89,506)
2045	0	1,534	4,080	27,941	0	33,555	13,516	3,275	0	0	16,791	(16,764)	(92,530)
2046	0	1,588	4,121	28,545	0	34,254	13,591	3,194	0	0	16,786	(17,469)	(95,445)
2047	0	1,644	4,163	29,140	0	34,947	13,877	3,117	0	0	16,995	(17,952)	(98,217)
2048	0	1,702	4,204	29,669	0	35,576	14,264	3,046	0	0	17,310	(18,265)	(100,825)
2049	0	1,762	4,246	30,256	0	36,264	14,613	2,979	0	0	17,593	(18,671)	(103,292)
2050	0	1,824	4,289	30,818	0	36,931	15,116	2,918	0	0	18,035	(18,897)	(105,602)
2051	0	1,889	4,332	31,259	0	37,479	15,081	2,861	0	0	17,943	(19,537)	(107,811)
2052	0	1,955	4,375	31,919	0	38,249	14,975	2,806	0	0	17,782	(20,468)	(109,952)
2053	0	0	0	32,420	0	32,420	14,701	2,752	0	0	17,454	(14,966)	(111,401)
2054	0	0	0	32,927	0	32,927	14,756	2,700	0	0	17,456	(15,471)	(112,786)
2055	0	0	0	33,440	0	33,440	14,337	2,649	0	0	16,987	(16,453)	(114,148)
2056	0	0	0	33,959	0	33,959	14,331	2,599	0	0	16,930	(17,029)	(115,453)
2057	0	0	0	34,484	0	34,484	14,360	2,550	0	0	16,910	(17,574)	(116,699)
2058	0	0	0	35,016	0	35,016	14,088	2,501	0	0	16,590	(18,427)	(117,907)
2059	0	0	0	35,555	0	35,555	14,133	2,452	0	0	16,586	(18,969)	(119,058)
2060	0	0	0	36,100	0	36,100	14,131	2,404	0	0	16,535	(19,565)	(120,156)
2061	0	2,233	4,000	36,652	0	42,885	13,927	2,356	0	0	16,284	(26,601)	(121,537)
2062	0	2,311	4,040	37,211	0	43,562	14,119	2,310	0	0	16,429	(27,133)	(122,840)
2063	0	2,393	4,080	37,924	0	44,398	14,119	2,264	0	0	16,384	(28,014)	(124,084)
2064	0	2,477	4,121	38,647	0	45,245	13,652	2,220	0	0	15,873	(29,372)	(125,292)
2065	0	2,565	4,163	39,369	0	46,096	13,796	2,178	0	0	15,974	(30,121)	(126,437)
2066	0	2,655	4,204	40,086	0	46,945	13,571	2,136	0	0	15,708	(31,237)	(127,536)
2067	0	2,749	4,246	40,806	0	47,801	13,771	2,097	0	0	15,868	(31,933)	(128,575)
2068	0	2,845	4,289	41,532	0	48,666	13,722	2,059	0	0	15,781	(32,885)	(129,565)
2069	0	2,946	4,332	42,268	0	49,545	13,700	2,022	0	0	15,723	(33,823)	(130,507)
2070	0	3,050	4,375	43,012	0	50,437	13,448	1,943	0	0	15,392	(35,045)	(131,410)
2071	0	0	0	43,765	0	43,765	13,369	1,861	0	0	15,230	(28,535)	(132,090)
2072	0	0	0	44,538	0	44,538	13,291	1,780	0	0	15,072	(29,466)	(132,740)
2073	0	0	0	45,318	0	45,318	13,214	1,702	0	0	14,917	(30,401)	(133,360)
2074	0	0	0	46,116	0	46,116	13,168	1,627	0	0	14,795	(31,321)	(133,951)
2075	0	0	0	46,932	0	46,932	13,122	1,553	0	0	14,676	(32,257)	(134,514)
2076	0	0	0	47,768	0	47,768	13,093	1,468	0	0	14,562	(33,207)	(135,050)
2077	0	0	0	48,625	0	48,625	13,066	1,385	0	0	14,451	(34,174)	(135,561)
2078	0	0	0	49,503	0	49,503	13,040	1,305	0	0	14,345	(35,158)	(136,047)
2079	0	3,482	4,000	50,405	0	57,887	13,015	1,228	0	0	14,243	(43,644)	(136,605)
2080	0	3,605	4,040	51,330	0	58,975	12,991	1,220	0	0	14,211	(44,764)	(137,134)
2081	0	3,732	4,080	52,280	0	60,093	12,968	1,223	0	0	14,192	(45,901)	(137,636)
2082	0	3,864	4,121	53,258	0	61,243	12,947	1,228	0	0	14,175	(47,068)	(138,113)
NOM	0	68,500	141,792	1,838,833	0	2,049,125	669,858.59	140,568.14	0.00	26.26	810,453	(1,238,672)	
NPV	0	10,150	33,778	200,282	0	244,210	79,191	26,901	0	4	106,097	(138,113)	

Discount Rate : 8.10 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.43

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.33 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.43 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,106.40 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.568
(2) TRC TEST	1.496
(3) PARTICIPANT TEST	4.70

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	930	139	0	1,068	230	0	1,586	0	1,586	
2026	962	140	0	1,103	749	0	1,642	0	1,642	
2027	996	142	0	1,138	1,303	0	1,700	0	1,700	
2028	1,032	143	0	1,174	1,854	0	1,760	0	1,760	
2029	1,068	144	0	1,212	2,417	0	1,822	0	1,822	
2030	1,106	146	0	1,251	3,116	0	1,886	0	1,886	
2031	1,144	147	0	1,292	3,793	0	1,952	0	1,952	
2032	1,185	149	0	1,334	4,514	0	2,021	0	2,021	
2033	1,227	150	0	1,377	5,233	0	2,093	0	2,093	
2034	1,270	152	0	1,422	5,990	0	2,166	0	2,166	
2035	0	0	0	0	6,477	0	0	0	0	
2036	0	0	0	0	6,619	0	0	0	0	
2037	0	0	0	0	6,766	0	0	0	0	
2038	0	0	0	0	6,936	0	0	0	0	
2039	0	0	0	0	7,116	0	0	0	0	
2040	0	0	0	0	7,263	0	0	0	0	
2041	0	0	0	0	7,414	0	0	0	0	
2042	0	0	0	0	7,563	0	0	0	0	
2043	0	0	0	0	7,711	0	0	0	0	
2044	0	0	0	0	7,898	0	0	0	0	
2045	1,523	139	0	1,662	8,105	0	2,599	0	2,599	
2046	1,577	140	0	1,717	8,281	0	2,690	0	2,690	
2047	1,633	142	0	1,774	8,453	0	2,785	0	2,785	
2048	1,690	143	0	1,833	8,607	0	2,884	0	2,884	
2049	1,750	144	0	1,894	8,777	0	2,985	0	2,985	
2050	1,812	146	0	1,957	8,940	0	3,090	0	3,090	
2051	1,875	147	0	2,023	9,068	0	3,199	0	3,199	
2052	1,941	149	0	2,090	9,259	0	3,312	0	3,312	
2053	2,010	150	0	2,160	9,405	0	3,429	0	3,429	
2054	2,081	152	0	2,233	9,552	0	3,550	0	3,550	
2055	0	0	0	0	9,701	0	0	0	0	
2056	0	0	0	0	9,851	0	0	0	0	
2057	0	0	0	0	10,004	0	0	0	0	
2058	0	0	0	0	10,158	0	0	0	0	
2059	0	0	0	0	10,314	0	0	0	0	
2060	0	0	0	0	10,472	0	0	0	0	
2061	0	0	0	0	10,632	0	0	0	0	
2062	0	0	0	0	10,794	0	0	0	0	
2063	0	0	0	0	11,001	0	0	0	0	
2064	0	0	0	0	11,211	0	0	0	0	
2065	2,496	139	0	2,635	11,420	0	4,259	0	4,259	
2066	2,584	140	0	2,724	11,629	0	4,409	0	4,409	
2067	2,675	142	0	2,817	11,837	0	4,564	0	4,564	
2068	2,770	143	0	2,913	12,048	0	4,725	0	4,725	
2069	2,867	144	0	3,012	12,262	0	4,892	0	4,892	
2070	2,968	146	0	3,114	12,477	0	5,064	0	5,064	
2071	3,073	147	0	3,220	12,696	0	5,242	0	5,242	
2072	3,181	149	0	3,330	12,920	0	5,427	0	5,427	
2073	3,294	150	0	3,444	13,146	0	5,619	0	5,619	
2074	3,410	152	0	3,561	13,378	0	5,817	0	5,817	
2075	0	0	0	0	13,615	0	0	0	0	
2076	0	0	0	0	13,857	0	0	0	0	
2077	0	0	0	0	14,106	0	0	0	0	
2078	0	0	0	0	14,360	0	0	0	0	
2079	0	0	0	0	14,622	0	0	0	0	
2080	0	0	0	0	14,890	0	0	0	0	
2081	0	0	0	0	15,166	0	0	0	0	
2082	0	0	0	0	15,450	0	0	0	0	
NOM	58,131	4,355	0	62,486	533,425	0	99,168	0	99,168	
NPV	9,669	1,119	0	10,788	58,100	0	16,495	0	16,495	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: 2025 DSM Plan - Residential New Construction

YEAR	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	19,936	283	0	1,259	235	335	7	398	214	0	2,730	2,730	2,730	19,879
2036	19,374	275	0	1,224	466	328	7	398	(30)	0	2,668	2,468	5,198	19,481
2037	18,746	266	0	1,184	672	321	7	398	(248)	0	2,599	2,224	7,423	19,083
2038	18,141	257	0	1,146	855	314	7	398	(444)	0	2,532	2,005	9,427	18,686
2039	17,558	249	0	1,109	1,017	308	7	398	(619)	0	2,468	1,808	11,235	18,288
2040	16,995	241	0	1,074	1,160	301	6	398	(774)	0	2,405	1,630	12,865	17,891
2041	16,451	233	0	1,039	1,286	294	6	398	(912)	0	2,345	1,470	14,335	17,493
2042	15,925	226	0	1,006	1,395	288	6	398	(1,032)	0	2,286	1,326	15,660	17,096
2043	15,408	218	0	973	1,502	281	6	398	(1,150)	0	2,228	1,195	16,856	16,698
2044	14,892	211	0	941	1,609	274	6	398	(1,268)	0	2,170	1,077	17,933	16,300
2045	14,377	204	0	908	1,716	268	6	398	(1,386)	0	2,113	970	18,903	15,903
2046	13,861	197	0	876	1,823	261	6	398	(1,504)	0	2,055	873	19,776	15,505
2047	13,346	189	0	843	1,929	254	5	398	(1,622)	0	1,997	785	20,560	15,108
2048	12,830	182	0	811	2,036	248	5	398	(1,740)	0	1,939	705	21,265	14,710
2049	12,315	175	0	778	2,143	241	5	398	(1,858)	0	1,882	633	21,898	14,313
2050	11,799	167	0	745	2,250	234	5	398	(1,976)	0	1,824	567	22,465	13,915
2051	11,284	160	0	713	2,357	227	5	398	(2,094)	0	1,766	508	22,973	13,517
2052	10,768	153	0	680	2,464	221	5	398	(2,212)	0	1,708	455	23,428	13,120
2053	10,253	145	0	648	2,571	214	5	398	(2,329)	0	1,650	407	23,835	12,722
2054	9,737	138	0	615	2,677	207	4	398	(2,447)	0	1,593	363	24,198	12,325
2055	9,273	131	0	586	2,684	201	4	398	(2,464)	0	1,540	325	24,522	11,927
2056	8,909	126	0	563	2,591	194	4	398	(2,379)	0	1,497	292	24,814	11,530
2057	8,597	122	0	543	2,500	187	4	398	(2,294)	0	1,459	263	25,077	11,132
2058	8,284	117	0	523	2,408	181	4	398	(2,209)	0	1,422	237	25,315	10,734
2059	7,972	113	0	504	2,316	174	4	398	(2,124)	0	1,384	214	25,528	10,337
2060	7,659	109	0	484	2,225	167	4	398	(2,039)	0	1,346	192	25,721	9,939
2061	7,346	104	0	464	2,133	161	3	398	(1,954)	0	1,309	173	25,894	9,542
2062	7,034	100	0	444	2,041	154	3	398	(1,869)	0	1,271	155	26,049	9,144
2063	6,721	95	0	425	1,950	147	3	398	(1,784)	0	1,233	139	26,188	8,747
2064	6,409	91	0	405	1,858	141	3	398	(1,699)	0	1,195	125	26,313	8,349
2065	6,096	86	0	385	1,766	134	3	398	(1,614)	0	1,158	112	26,425	7,951
2066	5,783	82	0	365	1,675	127	3	398	(1,529)	0	1,120	100	26,526	7,554
2067	5,471	78	0	346	1,583	120	3	398	(1,444)	0	1,082	90	26,615	7,156
2068	5,158	73	0	326	1,491	114	2	398	(1,359)	0	1,045	80	26,695	6,759
2069	4,845	69	0	306	1,400	107	2	398	(1,274)	0	1,007	71	26,767	6,361
2070	4,533	64	0	286	1,308	100	2	398	(1,189)	0	969	64	26,830	5,964
2071	4,220	60	0	267	1,216	94	2	398	(1,104)	0	931	56	26,887	5,566
2072	3,908	55	0	247	1,125	87	2	398	(1,020)	0	894	50	26,937	5,168
2073	3,595	51	0	227	1,033	80	2	398	(935)	0	856	44	26,981	4,771
2074	3,282	47	0	207	941	74	2	398	(850)	0	818	39	27,021	4,373
2075	2,970	42	0	188	850	67	1	398	(765)	0	781	35	27,055	3,976
2076	2,657	38	0	168	758	67	1	398	(680)	0	750	31	27,086	3,976
2077	2,345	33	0	148	666	67	1	398	(595)	0	719	27	27,113	3,976
2078	2,032	29	0	128	575	67	1	398	(510)	0	688	24	27,138	3,976
2079	1,719	24	0	109	483	67	1	398	(425)	0	657	21	27,159	3,976
2080	1,407	20	0	89	391	67	1	398	(340)	0	626	19	27,178	3,976
2081	1,094	16	0	69	300	67	1	398	(255)	0	595	17	27,194	3,976
2082	782	11	0	49	208	67	1	398	(170)	0	564	15	27,209	3,976
2083	469	7	0	30	116	67	1	398	(85)	0	533	13	27,222	3,976
2084	156	2	0	10	25	67	1	398	0	0	503	11	27,233	3,976

IN SERVICE COST (\$000)	19,879
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	673	673	398	398	398	398	214	3,118	0	0	0	214	513
2036	7.22%	1,295	1,968	398	795	398	795	(30)	3,118	0	0	0	(30)	483
2037	6.68%	1,198	3,166	398	1,193	398	1,193	(248)	3,118	0	0	0	(248)	235
2038	6.18%	1,108	4,274	398	1,590	398	1,590	(444)	3,118	0	0	0	(444)	(209)
2039	5.71%	1,025	5,299	398	1,988	398	1,988	(619)	3,118	0	0	0	(619)	(829)
2040	5.29%	948	6,247	398	2,385	398	2,385	(774)	3,118	0	0	0	(774)	(1,603)
2041	4.89%	877	7,124	398	2,783	398	2,783	(912)	3,118	0	0	0	(912)	(2,515)
2042	4.52%	811	7,936	398	3,181	398	3,181	(1,032)	3,118	0	0	0	(1,032)	(3,547)
2043	4.46%	801	8,736	398	3,578	398	3,578	(1,150)	3,118	0	0	0	(1,150)	(4,698)
2044	4.46%	800	9,537	398	3,976	398	3,976	(1,268)	3,118	0	0	0	(1,268)	(5,966)
2045	4.46%	801	10,337	398	4,373	398	4,373	(1,386)	3,118	0	0	0	(1,386)	(7,352)
2046	4.46%	800	11,137	398	4,771	398	4,771	(1,504)	3,118	0	0	0	(1,504)	(8,856)
2047	4.46%	801	11,938	398	5,168	398	5,168	(1,622)	3,118	0	0	0	(1,622)	(10,478)
2048	4.46%	800	12,738	398	5,566	398	5,566	(1,740)	3,118	0	0	0	(1,740)	(12,218)
2049	4.46%	801	13,539	398	5,964	398	5,964	(1,858)	3,118	0	0	0	(1,858)	(14,076)
2050	4.46%	800	14,339	398	6,361	398	6,361	(1,976)	3,118	0	0	0	(1,976)	(16,051)
2051	4.46%	801	15,140	398	6,759	398	6,759	(2,094)	3,118	0	0	0	(2,094)	(18,145)
2052	4.46%	800	15,940	398	7,156	398	7,156	(2,212)	3,118	0	0	0	(2,212)	(20,357)
2053	4.46%	801	16,741	398	7,554	398	7,554	(2,329)	3,118	0	0	0	(2,329)	(22,686)
2054	4.46%	800	17,541	398	7,951	398	7,951	(2,447)	3,118	0	0	0	(2,447)	(25,134)
2055	2.23%	400	17,941	398	8,349	398	8,349	(2,464)	3,118	0	0	0	(2,464)	(27,597)
2056	0.00%	0	17,941	398	8,747	398	8,747	(2,379)	3,118	0	0	0	(2,379)	(29,976)
2057	0.00%	0	17,941	398	9,144	398	9,144	(2,294)	3,118	0	0	0	(2,294)	(32,270)
2058	0.00%	0	17,941	398	9,542	398	9,542	(2,209)	3,118	0	0	0	(2,209)	(34,479)
2059	0.00%	0	17,941	398	9,939	398	9,939	(2,124)	3,118	0	0	0	(2,124)	(36,603)
2060	0.00%	0	17,941	398	10,337	398	10,337	(2,039)	3,118	0	0	0	(2,039)	(38,642)
2061	0.00%	0	17,941	398	10,734	398	10,734	(1,954)	3,118	0	0	0	(1,954)	(40,596)
2062	0.00%	0	17,941	398	11,132	398	11,132	(1,869)	3,118	0	0	0	(1,869)	(42,466)
2063	0.00%	0	17,941	398	11,530	398	11,530	(1,784)	3,118	0	0	0	(1,784)	(44,250)
2064	0.00%	0	17,941	398	11,927	398	11,927	(1,699)	3,118	0	0	0	(1,699)	(45,949)
2065	0.00%	0	17,941	398	12,325	398	12,325	(1,614)	3,118	0	0	0	(1,614)	(47,563)
2066	0.00%	0	17,941	398	12,722	398	12,722	(1,529)	3,118	0	0	0	(1,529)	(49,093)
2067	0.00%	0	17,941	398	13,120	398	13,120	(1,444)	3,118	0	0	0	(1,444)	(50,537)
2068	0.00%	0	17,941	398	13,517	398	13,517	(1,359)	3,118	0	0	0	(1,359)	(51,896)
2069	0.00%	0	17,941	398	13,915	398	13,915	(1,274)	3,118	0	0	0	(1,274)	(53,171)
2070	0.00%	0	17,941	398	14,313	398	14,313	(1,189)	3,118	0	0	0	(1,189)	(54,360)
2071	0.00%	0	17,941	398	14,710	398	14,710	(1,104)	3,118	0	0	0	(1,104)	(55,465)
2072	0.00%	0	17,941	398	15,108	398	15,108	(1,020)	3,118	0	0	0	(1,020)	(56,484)
2073	0.00%	0	17,941	398	15,505	398	15,505	(935)	3,118	0	0	0	(935)	(57,419)
2074	0.00%	0	17,941	398	15,903	398	15,903	(850)	3,118	0	0	0	(850)	(58,268)
2075	0.00%	0	17,941	398	16,300	398	16,300	(765)	3,118	0	0	0	(765)	(59,033)
2076	0.00%	0	17,941	398	16,698	398	16,698	(680)	3,118	0	0	0	(680)	(59,713)
2077	0.00%	0	17,941	398	17,096	398	17,096	(595)	3,118	0	0	0	(595)	(60,307)
2078	0.00%	0	17,941	398	17,493	398	17,493	(510)	3,118	0	0	0	(510)	(60,817)
2079	0.00%	0	17,941	398	17,891	398	17,891	(425)	3,118	0	0	0	(425)	(61,242)
2080	0.00%	0	17,941	398	18,288	398	18,288	(340)	3,118	0	0	0	(340)	(61,582)
2081	0.00%	0	17,941	398	18,686	398	18,686	(255)	3,118	0	0	0	(255)	(61,837)
2082	0.00%	0	17,941	398	19,083	398	19,083	(170)	3,118	0	0	0	(170)	(62,007)
2083	0.00%	0	17,941	398	19,481	398	19,481	(85)	3,118	0	0	0	(85)	(62,092)
2084	0.00%	0	17,941	398	19,879	398	19,879	0	3,118	0	0	0	0	(62,092)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	299
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	3,118
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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)
2035	3.75%	673	214	19,481	398	513	20,178	19,695	19,936
2036	7.22%	1,295	(30)	19,083	795	483	19,695	19,054	19,374
2037	6.68%	1,198	(248)	18,686	1,193	235	19,054	18,438	18,746
2038	6.18%	1,108	(444)	18,288	1,590	(209)	18,438	17,844	18,141
2039	5.71%	1,025	(619)	17,891	1,988	(829)	17,844	17,272	17,558
2040	5.29%	948	(774)	17,493	2,385	(1,603)	17,272	16,719	16,995
2041	4.89%	877	(912)	17,096	2,783	(2,515)	16,719	16,184	16,451
2042	4.52%	811	(1,032)	16,698	3,181	(3,547)	16,184	15,666	15,925
2043	4.46%	801	(1,150)	16,300	3,578	(4,698)	15,666	15,150	15,408
2044	4.46%	800	(1,268)	15,903	3,976	(5,966)	15,150	14,635	14,892
2045	4.46%	801	(1,386)	15,505	4,373	(7,352)	14,635	14,119	14,377
2046	4.46%	800	(1,504)	15,108	4,771	(8,856)	14,119	13,604	13,861
2047	4.46%	801	(1,622)	14,710	5,168	(10,478)	13,604	13,088	13,346
2048	4.46%	800	(1,740)	14,313	5,566	(12,218)	13,088	12,573	12,830
2049	4.46%	801	(1,858)	13,915	5,964	(14,076)	12,573	12,057	12,315
2050	4.46%	800	(1,976)	13,517	6,361	(16,051)	12,057	11,542	11,799
2051	4.46%	801	(2,094)	13,120	6,759	(18,145)	11,542	11,026	11,284
2052	4.46%	800	(2,212)	12,722	7,156	(20,357)	11,026	10,511	10,768
2053	4.46%	801	(2,329)	12,325	7,554	(22,686)	10,511	9,995	10,253
2054	4.46%	800	(2,447)	11,927	7,951	(25,134)	9,995	9,480	9,737
2055	2.23%	400	(2,464)	11,530	8,349	(27,597)	9,480	9,066	9,273
2056	0.00%	0	(2,379)	11,132	8,747	(29,976)	9,066	8,753	8,909
2057	0.00%	0	(2,294)	10,734	9,144	(32,270)	8,753	8,440	8,597
2058	0.00%	0	(2,209)	10,337	9,542	(34,479)	8,440	8,128	8,284
2059	0.00%	0	(2,124)	9,939	9,939	(36,603)	8,128	7,815	7,972
2060	0.00%	0	(2,039)	9,542	10,337	(38,642)	7,815	7,503	7,659
2061	0.00%	0	(1,954)	9,144	10,734	(40,596)	7,503	7,190	7,346
2062	0.00%	0	(1,869)	8,747	11,132	(42,466)	7,190	6,877	7,034
2063	0.00%	0	(1,784)	8,349	11,530	(44,250)	6,877	6,565	6,721
2064	0.00%	0	(1,699)	7,951	11,927	(45,949)	6,565	6,252	6,409
2065	0.00%	0	(1,614)	7,554	12,325	(47,563)	6,252	5,940	6,096
2066	0.00%	0	(1,529)	7,156	12,722	(49,093)	5,940	5,627	5,783
2067	0.00%	0	(1,444)	6,759	13,120	(50,537)	5,627	5,314	5,471
2068	0.00%	0	(1,359)	6,361	13,517	(51,896)	5,314	5,002	5,158
2069	0.00%	0	(1,274)	5,964	13,915	(53,171)	5,002	4,689	4,845
2070	0.00%	0	(1,189)	5,566	14,313	(54,360)	4,689	4,377	4,533
2071	0.00%	0	(1,104)	5,168	14,710	(55,465)	4,377	4,064	4,220
2072	0.00%	0	(1,020)	4,771	15,108	(56,484)	4,064	3,751	3,908
2073	0.00%	0	(935)	4,373	15,505	(57,419)	3,751	3,439	3,595
2074	0.00%	0	(850)	3,976	15,903	(58,268)	3,439	3,126	3,282
2075	0.00%	0	(765)	3,578	16,300	(59,033)	3,126	2,813	2,970
2076	0.00%	0	(680)	3,181	16,698	(59,713)	2,813	2,501	2,657
2077	0.00%	0	(595)	2,783	17,096	(60,307)	2,501	2,188	2,345
2078	0.00%	0	(510)	2,385	17,493	(60,817)	2,188	1,876	2,032
2079	0.00%	0	(425)	1,988	17,891	(61,242)	1,876	1,563	1,719
2080	0.00%	0	(340)	1,590	18,288	(61,582)	1,563	1,250	1,407
2081	0.00%	0	(255)	1,193	18,686	(61,837)	1,250	938	1,094
2082	0.00%	0	(170)	795	19,083	(62,007)	938	625	782
2083	0.00%	0	(85)	398	19,481	(62,092)	625	313	469
2084	0.00%	0	0	0	19,879	(62,092)	313	0	156

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

(8)	(8a)*	(8b)*	(9)	(9a)*	(9b)*	(9c)*	(9d)*	(9e)*	(10)	(11)
CUMULATIVE SPENDING WITH AFUDC (\$/kW)	DEBT AFUDC (\$/kW)	CUMULATIVE DEBT AFUDC (\$/kW)	YEARLY TOTAL AFUDC (\$/kW)	CUMULATIVE TOTAL AFUDC (\$/kW)	CONSTRUCTION PERIOD INTEREST (\$/kW)	CUMULATIVE CPI (\$/kW)	DEFERRED TAXES (\$/kW)	CUMULATIVE DEFERRED TAXES (\$/kW)	INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	205.19	2.87	2.87	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	606.98	8.48	11.35	37.69	20.86	28.06	3.14	4.23	405.38	828.51
2032	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	230.69	1,059.20
2033	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	65.34	1,124.54
2034	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	15,855	15,855	15,855
EQUITY AFUDC	3,118		
DEBT AFUDC	906	906	
CPI			2,086
IIC Basis Reduction (Solar)			
TOTAL	19,879	16,761	17,941

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	3,700	3,700	2.97	3.31	3.11	0.00	1.00	1.00
2026	7,437	7,437	3.41	3.87	3.54	0.00	1.00	1.00
2027	11,211	11,211	3.37	3.85	3.50	0.00	1.00	1.00
2028	15,023	15,023	3.51	3.95	3.59	0.00	1.00	1.00
2029	18,874	18,874	3.59	4.11	3.65	0.00	1.00	1.00
2030	22,762	22,762	3.29	3.83	3.30	0.00	1.00	1.00
2031	26,690	26,690	3.07	3.66	2.97	0.00	1.00	1.00
2032	30,657	30,657	2.95	3.62	2.83	0.00	1.00	1.00
2033	34,664	34,664	3.33	3.84	3.25	6.88	1.00	1.00
2034	38,710	38,710	3.53	4.08	3.47	6.98	1.00	1.00
2035	38,710	38,710	3.86	4.43	3.83	7.13	1.00	1.00
2036	38,710	38,710	4.00	4.52	3.96	6.98	1.00	1.00
2037	38,710	38,710	4.20	4.72	4.18	7.15	1.00	1.00
2038	38,710	38,710	4.53	5.06	4.56	7.22	1.00	1.00
2039	38,710	38,710	4.72	5.24	4.72	7.16	1.00	1.00
2040	38,710	38,710	5.06	5.57	5.06	7.38	1.00	1.00
2041	38,710	38,710	5.39	5.81	5.36	7.51	1.00	1.00
2042	38,710	38,710	5.49	5.95	5.49	7.59	1.00	1.00
2043	38,710	38,710	5.72	6.20	5.72	7.82	1.00	1.00
2044	38,710	38,710	6.11	6.63	6.15	8.08	1.00	1.00
2045	38,710	38,710	6.50	7.04	6.53	8.49	1.00	1.00
2046	38,710	38,710	6.71	7.30	6.76	8.36	1.00	1.00
2047	38,710	38,710	7.07	7.62	7.10	8.85	1.00	1.00
2048	38,710	38,710	7.41	8.01	7.44	9.24	1.00	1.00
2049	38,710	38,710	7.89	8.50	7.94	9.55	1.00	1.00
2050	38,710	38,710	8.54	9.24	8.61	10.09	1.00	1.00
2051	38,710	38,710	8.49	9.16	8.55	10.16	1.00	1.00
2052	38,710	38,710	8.54	9.15	8.60	10.08	1.00	1.00
2053	38,710	38,710	8.58	9.25	8.64	10.06	1.00	1.00
2054	38,710	38,710	8.61	9.22	8.68	9.85	1.00	1.00
2055	38,710	38,710	8.57	9.15	8.62	9.91	1.00	1.00
2056	38,710	38,710	8.54	9.11	8.62	9.73	1.00	1.00
2057	38,710	38,710	8.59	9.24	8.68	9.80	1.00	1.00
2058	38,710	38,710	8.51	9.06	8.57	9.59	1.00	1.00
2059	38,710	38,710	8.55	9.14	8.62	9.63	1.00	1.00
2060	38,710	38,710	8.59	9.16	8.68	9.54	1.00	1.00
2061	38,710	38,710	8.43	9.00	8.51	9.45	1.00	1.00
2062	38,710	38,710	8.42	8.99	8.50	9.27	1.00	1.00
2063	38,710	38,710	8.49	9.15	8.62	9.73	1.00	1.00
2064	38,710	38,710	8.47	9.04	8.58	9.62	1.00	1.00
2065	38,710	38,710	8.37	8.94	8.46	9.50	1.00	1.00
2066	38,710	38,710	8.32	8.93	8.42	9.49	1.00	1.00
2067	38,710	38,710	8.33	8.96	8.44	9.47	1.00	1.00
2068	38,710	38,710	8.39	8.57	8.52	9.42	1.00	1.00
2069	38,710	38,710	8.39	8.57	8.52	9.50	1.00	1.00
2070	38,710	38,710	8.39	8.57	8.52	9.30	1.00	1.00
2071	38,710	38,710	8.39	8.57	8.52	9.26	1.00	1.00
2072	38,710	38,710	8.39	8.57	8.52	9.22	1.00	1.00
2073	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2074	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2075	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2076	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2077	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2078	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2079	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2080	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2081	38,710	38,710	8.39	8.57	8.52	9.18	1.00	1.00
2082	38,710	38,710	8.39	8.57	8.52	9.18	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: 2025 DSM Plan - Residential New Construction

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	2,730	266	10	6163	6760	2408
2036	2,668	272	11	6504	7131	2325
2037	2,599	279	12	6755	7403	2242
2038	2,532	286	12	7109	7800	2140
2039	2,468	293	13	7400	8041	2134
2040	2,405	301	14	7700	8402	2019
2041	2,345	308	15	8236	8979	1925
2042	2,286	316	15	8210	8970	1858
2043	2,228	324	15	8481	9244	1805
2044	2,170	332	16	8924	9789	1653
2045	2,113	340	17	9558	10405	1623
2046	2,055	349	18	9580	10490	1512
2047	1,997	357	18	10145	11097	1420
2048	1,939	366	18	10508	11457	1374
2049	1,882	376	19	11048	12124	1200
2050	1,824	385	20	11707	12955	981
2051	1,766	395	20	11865	13038	1008
2052	1,708	404	21	11590	12790	934
2053	1,650	415	22	11771	13066	792
2054	1,593	425	22	11678	12929	789
2055	1,540	436	23	11671	13013	656
2056	1,497	446	24	11449	12771	646
2057	1,459	458	24	11681	13010	612
2058	1,422	469	25	11538	12872	583
2059	1,384	481	26	11459	12785	565
2060	1,346	493	26	11320	12664	522
2061	1,309	505	27	11101	12404	538
2062	1,271	518	28	11120	12301	635
2063	1,233	531	28	11677	12922	547
2064	1,195	544	29	11522	12912	380
2065	1,158	558	30	11378	12608	515
2066	1,120	571	31	11320	12593	449
2067	1,082	586	31	11380	12566	513
2068	1,045	600	32	11288	12507	458
2069	1,007	615	33	11406	12613	449
2070	969	631	34	11053	12345	342
2071	931	647	35	10988	12292	308
2072	894	663	35	10923	12240	275
2073	856	679	36	10858	12187	243
2074	818	696	37	10858	12187	223
2075	781	714	38	10858	12187	203
2076	750	732	39	10858	12187	191
2077	719	750	40	10858	12187	180
2078	688	769	41	10858	12187	169
2079	657	788	42	10858	12187	158
2080	626	807	43	10858	12187	148
2081	595	828	44	10858	12187	138
2082	564	848	45	10858	12187	129
NOM	71,875	24,151	1,256	497,790	552,156	42,916
NPV	10,690.92	1,860.25	90	46,002	50,608	8,036

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential New Construction

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	70
2026	120	9	128	36	9	45	247	0
2027	241	15	256	72	15	87	414	0
2028	363	22	385	109	22	131	593	0
2029	486	29	515	147	29	176	803	0
2030	611	37	648	185	37	222	920	0
2031	738	44	783	224	45	268	1,052	0
2032	867	53	920	263	53	316	1,215	0
2033	998	62	1,060	304	62	366	1,444	0
2034	1,131	71	1,202	345	71	416	1,727	0
2035	1,266	77	1,343	387	77	464	1,976	0
2036	1,227	79	1,305	377	79	456	2,007	0
2037	1,187	81	1,268	367	81	448	2,090	0
2038	1,149	83	1,232	357	83	441	2,239	0
2039	1,111	85	1,196	348	85	433	2,318	0
2040	1,074	87	1,161	338	87	426	2,455	0
2041	1,037	89	1,126	329	90	419	2,548	0
2042	1,001	91	1,092	320	92	412	2,609	0
2043	967	94	1,060	310	94	405	2,720	0
2044	933	96	1,029	301	97	398	2,909	0
2045	902	98	1,000	292	99	391	3,087	0
2046	872	101	972	283	101	384	3,205	0
2047	843	103	946	274	104	378	3,339	0
2048	816	106	922	265	107	371	3,511	0
2049	791	109	899	256	109	366	3,720	0
2050	767	111	879	248	112	360	4,053	0
2051	745	114	859	241	115	356	4,013	0
2052	723	117	840	233	118	351	4,003	0
2053	702	120	822	227	121	347	4,051	0
2054	680	123	803	220	124	344	4,032	0
2055	658	126	784	214	127	341	3,996	0
2056	637	129	766	208	130	338	3,977	0
2057	615	132	747	202	133	335	4,043	0
2058	593	136	729	197	136	333	3,953	0
2059	572	139	711	191	140	331	3,995	0
2060	550	142	692	185	143	328	3,998	0
2061	528	146	674	179	147	326	3,933	0
2062	507	150	657	174	151	324	3,930	0
2063	486	153	639	168	154	322	4,010	0
2064	465	157	622	162	158	320	3,950	0
2065	445	161	606	157	162	319	3,904	0
2066	425	165	590	151	166	317	3,908	0
2067	406	169	575	145	170	316	3,921	0
2068	387	174	560	139	175	314	3,697	0
2069	368	178	546	134	179	313	3,697	0
2070	331	182	513	129	183	312	3,697	0
2071	292	187	479	123	188	311	3,697	0
2072	254	192	445	118	193	311	3,697	0
2073	216	196	412	113	198	311	3,697	0
2074	179	201	380	108	203	311	3,697	0
2075	143	206	349	103	208	311	3,697	0
2076	107	211	318	92	213	305	3,697	0
2077	72	217	289	81	218	299	3,697	0
2078	38	222	260	71	224	294	3,697	0
2079	4	228	232	60	229	289	3,697	0
2080	(0)	233	233	50	235	285	3,697	0
2081	(0)	239	239	39	241	280	3,697	0
2082	0	245	245	29	247	276	3,697	0
NOM	33,624	7,323.20	40,947	11,380	7,369	18,749	176,344	0
NPV	7,603	719	8,322	2,380	723	3,103	19,689	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	1	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	1	0	0	0
2045	0	1	0	0	0
2046	0	1	0	0	0
2047	0	1	0	0	0
2048	0	1	0	0	0
2049	0	1	0	0	0
2050	0	1	0	0	0
2051	0	1	0	0	0
2052	0	1	0	0	0
2053	0	1	0	0	0
2054	0	1	0	0	0
2055	0	1	0	0	0
2056	0	1	0	0	0
2057	0	1	0	0	0
2058	1	1	0	0	0
2059	0	1	0	0	0
2060	0	1	0	0	0
2061	0	1	0	0	0
2062	0	1	0	0	0
2063	0	1	0	0	0
2064	1	1	0	0	0
2065	0	1	0	0	0
2066	0	1	0	0	0
2067	0	1	0	0	0
2068	0	1	0	0	0
2069	0	1	0	0	0
2070	0	1	0	0	0
2071	0	1	0	0	0
2072	0	1	0	0	0
2073	0	1	0	0	0
2074	0	1	0	0	0
2075	0	1	0	0	0
2076	0	1	0	0	0
2077	0	1	0	0	0
2078	0	1	0	0	0
2079	0	1	0	0	0
2080	0	1	0	0	0
2081	0	1	0	0	0
2082	0	1	0	0	0
NOM	23	26	10	0	7
NPV	2	3	1	0	1

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	930	1,586	0	2,516	0	0	70	0	0	(2,446)	(2,093)
2026	0	962	1,642	0	2,604	0	173	247	0	420	(2,184)	(3,822)
2027	0	996	1,700	0	2,696	0	343	414	0	757	(1,939)	(5,243)
2028	0	1,032	1,760	0	2,791	0	516	593	0	1,108	(1,683)	(6,383)
2029	0	1,068	1,822	0	2,890	0	691	803	0	1,494	(1,396)	(7,258)
2030	0	1,106	1,886	0	2,991	0	869	920	0	1,789	(1,202)	(7,955)
2031	0	1,144	1,952	0	3,097	0	1,051	1,052	0	2,103	(994)	(8,488)
2032	0	1,185	2,021	0	3,206	0	1,236	1,215	0	2,451	(755)	(8,863)
2033	0	1,227	2,093	0	3,319	0	1,425	1,444	0	2,870	(449)	(9,069)
2034	0	1,270	2,166	0	3,436	0	1,619	1,727	0	3,346	(90)	(9,108)
2035	0	0	0	0	0	2,408	1,808	1,976	0	6,192	6,192	(6,674)
2036	0	0	0	0	0	2,325	1,762	2,007	0	6,094	6,094	(4,460)
2037	0	0	0	0	0	2,242	1,716	2,090	0	6,049	6,049	(2,426)
2038	0	0	0	0	0	2,140	1,672	2,239	0	6,052	6,052	(543)
2039	0	0	0	0	0	2,134	1,629	2,318	0	6,081	6,081	1,207
2040	0	0	0	0	0	2,019	1,586	2,455	0	6,060	6,060	2,820
2041	0	0	0	0	0	1,925	1,545	2,548	0	6,017	6,017	4,302
2042	0	0	0	0	0	1,858	1,504	2,609	0	5,971	5,971	5,663
2043	0	0	0	0	0	1,805	1,465	2,720	0	5,989	5,989	6,925
2044	0	0	0	0	0	1,653	1,427	2,909	0	5,989	5,989	8,093
2045	0	1,523	2,599	0	4,122	1,623	1,391	3,087	0	6,101	1,979	8,450
2046	0	1,577	2,690	0	4,268	1,512	1,356	3,205	0	6,073	1,806	8,751
2047	0	1,633	2,785	0	4,418	1,420	1,324	3,339	0	6,083	1,665	9,009
2048	0	1,690	2,884	0	4,574	1,374	1,293	3,511	0	6,179	1,605	9,238
2049	0	1,750	2,985	0	4,735	1,200	1,265	3,720	0	6,186	1,451	9,429
2050	0	1,812	3,090	0	4,902	981	1,239	4,053	0	6,273	1,371	9,597
2051	0	1,875	3,199	0	5,075	1,008	1,215	4,013	0	6,236	1,162	9,728
2052	0	1,941	3,312	0	5,254	934	1,192	4,003	0	6,128	875	9,820
2053	0	2,010	3,429	0	5,439	792	1,169	4,051	0	6,012	573	9,875
2054	0	2,081	3,550	0	5,631	789	1,147	4,032	0	5,967	337	9,906
2055	0	0	0	0	0	656	1,125	3,996	0	5,777	5,777	10,384
2056	0	0	0	0	0	646	1,104	3,977	0	5,727	5,727	10,823
2057	0	0	0	0	0	612	1,083	4,043	0	5,738	5,738	11,229
2058	0	0	0	0	0	583	1,062	3,953	0	5,597	5,597	11,596
2059	0	0	0	0	0	565	1,041	3,995	0	5,602	5,602	11,936
2060	0	0	0	0	0	522	1,021	3,998	0	5,541	5,541	12,247
2061	0	0	0	0	0	538	1,001	3,933	0	5,471	5,471	12,531
2062	0	0	0	0	0	635	981	3,930	0	5,546	5,546	12,798
2063	0	0	0	0	0	547	962	4,010	0	5,518	5,518	13,043
2064	0	0	0	0	0	380	943	3,950	0	5,273	5,273	13,259
2065	0	2,496	4,259	0	6,755	515	925	3,904	0	5,344	(1,411)	13,206
2066	0	2,584	4,409	0	6,993	449	907	3,908	0	5,264	(1,729)	13,145
2067	0	2,675	4,564	0	7,239	513	890	3,921	0	5,325	(1,915)	13,083
2068	0	2,770	4,725	0	7,495	458	874	3,697	0	5,030	(2,465)	13,008
2069	0	2,867	4,892	0	7,759	449	859	3,697	0	5,005	(2,754)	12,932
2070	0	2,968	5,064	0	8,032	342	825	3,697	0	4,865	(3,168)	12,850
2071	0	3,073	5,242	0	8,316	308	790	3,697	0	4,796	(3,520)	12,766
2072	0	3,181	5,427	0	8,609	275	756	3,697	0	4,729	(3,880)	12,681
2073	0	3,294	5,619	0	8,912	243	723	3,697	0	4,663	(4,249)	12,594
2074	0	3,410	5,817	0	9,226	223	691	3,697	0	4,611	(4,615)	12,507
2075	0	0	0	0	0	203	660	3,697	0	4,560	4,560	12,587
2076	0	0	0	0	0	191	623	3,697	0	4,512	4,512	12,659
2077	0	0	0	0	0	180	588	3,697	0	4,465	4,465	12,726
2078	0	0	0	0	0	169	554	3,697	0	4,420	4,420	12,787
2079	0	0	0	0	0	158	521	3,697	0	4,377	4,377	12,843
2080	0	0	0	0	0	148	518	3,697	0	4,363	4,363	12,895
2081	0	0	0	0	0	138	519	3,697	0	4,355	4,355	12,942
2082	0	0	0	0	0	129	521	3,697	0	4,348	4,348	12,987
NOM	0	58,131	99,168	0	157,299	42,915.80	59,696	176,344	7	278,962	121,663	
NPV	0	9,669	16,495	0	26,164	8,036	11,424	19,689	1	39,150.12	12,987	

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

8.10 %
1.50

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	302	0	139	0	441	1,586	0	0	1,586	(1,145)	(980)
2026	986	0	140	0	1,126	1,642	0	0	1,642	(516)	(1,388)
2027	1,715	0	142	0	1,857	1,700	0	0	1,700	157	(1,273)
2028	2,440	0	143	0	2,583	1,760	0	0	1,760	823	(716)
2029	3,180	0	144	0	3,324	1,822	0	0	1,822	1,503	226
2030	4,100	0	146	0	4,246	1,886	0	0	1,886	2,360	1,595
2031	4,991	0	147	0	5,139	1,952	0	0	1,952	3,186	3,304
2032	5,939	0	149	0	6,088	2,021	0	0	2,021	4,066	5,322
2033	6,885	0	150	0	7,036	2,093	0	0	2,093	4,943	7,592
2034	7,882	0	152	0	8,034	2,166	0	0	2,166	5,867	10,084
2035	8,522	0	0	0	8,522	0	0	0	0	8,522	13,432
2036	8,710	0	0	0	8,710	0	0	0	0	8,710	16,598
2037	8,902	0	0	0	8,902	0	0	0	0	8,902	19,592
2038	9,126	0	0	0	9,126	0	0	0	0	9,126	22,431
2039	9,363	0	0	0	9,363	0	0	0	0	9,363	25,125
2040	9,557	0	0	0	9,557	0	0	0	0	9,557	27,669
2041	9,756	0	0	0	9,756	0	0	0	0	9,756	30,072
2042	9,951	0	0	0	9,951	0	0	0	0	9,951	32,340
2043	10,145	0	0	0	10,145	0	0	0	0	10,145	34,478
2044	10,392	0	0	0	10,392	0	0	0	0	10,392	36,505
2045	10,665	0	139	0	10,804	2,599	0	0	2,599	8,205	37,985
2046	10,895	0	140	0	11,036	2,690	0	0	2,690	8,345	39,377
2047	11,123	0	142	0	11,264	2,785	0	0	2,785	8,479	40,686
2048	11,325	0	143	0	11,468	2,884	0	0	2,884	8,584	41,912
2049	11,548	0	144	0	11,693	2,985	0	0	2,985	8,708	43,063
2050	11,763	0	146	0	11,909	3,090	0	0	3,090	8,819	44,141
2051	11,931	0	147	0	12,079	3,199	0	0	3,199	8,879	45,145
2052	12,183	0	149	0	12,332	3,312	0	0	3,312	9,020	46,088
2053	12,375	0	150	0	12,525	3,429	0	0	3,429	9,096	46,969
2054	12,568	0	152	0	12,720	3,550	0	0	3,550	9,170	47,790
2055	12,764	0	0	0	12,764	0	0	0	0	12,764	48,847
2056	12,962	0	0	0	12,962	0	0	0	0	12,962	49,840
2057	13,163	0	0	0	13,163	0	0	0	0	13,163	50,773
2058	13,366	0	0	0	13,366	0	0	0	0	13,366	51,649
2059	13,571	0	0	0	13,571	0	0	0	0	13,571	52,472
2060	13,779	0	0	0	13,779	0	0	0	0	13,779	53,246
2061	13,990	0	0	0	13,990	0	0	0	0	13,990	53,972
2062	14,203	0	0	0	14,203	0	0	0	0	14,203	54,654
2063	14,476	0	0	0	14,476	0	0	0	0	14,476	55,297
2064	14,751	0	0	0	14,751	0	0	0	0	14,751	55,903
2065	15,027	0	139	0	15,166	4,259	0	0	4,259	10,907	56,318
2066	15,301	0	140	0	15,441	4,409	0	0	4,409	11,032	56,706
2067	15,576	0	142	0	15,717	4,564	0	0	4,564	11,153	57,069
2068	15,853	0	143	0	15,996	4,725	0	0	4,725	11,271	57,408
2069	16,134	0	144	0	16,278	4,892	0	0	4,892	11,386	57,726
2070	16,418	0	146	0	16,563	5,064	0	0	5,064	11,499	58,022
2071	16,705	0	147	0	16,852	5,242	0	0	5,242	11,610	58,299
2072	17,000	0	149	0	17,149	5,427	0	0	5,427	11,722	58,557
2073	17,298	0	150	0	17,448	5,619	0	0	5,619	11,829	58,798
2074	17,602	0	152	0	17,754	5,817	0	0	5,817	11,937	59,024
2075	17,914	0	0	0	17,914	0	0	0	0	17,914	59,336
2076	18,233	0	0	0	18,233	0	0	0	0	18,233	59,631
2077	18,560	0	0	0	18,560	0	0	0	0	18,560	59,908
2078	18,895	0	0	0	18,895	0	0	0	0	18,895	60,169
2079	19,239	0	0	0	19,239	0	0	0	0	19,239	60,415
2080	19,592	0	0	0	19,592	0	0	0	0	19,592	60,647
2081	19,955	0	0	0	19,955	0	0	0	0	19,955	60,865
2082	20,328	0	0	0	20,328	0	0	0	0	20,328	61,071
NOM	701,875	0	4,355	0	706,230	99,168	0	0	99,168	607,061	
NPV	76,447	0	1,119	0	77,566	16,495	0	0	16,495	61,071	

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

2035
 8.10 %
4.70

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential New Construction

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	930	139	230	0	1,298	70	0	0	0	70	(1,228)	(1,051)
2026	0	962	140	749	0	1,852	247	173	0	0	420	(1,432)	(2,185)
2027	0	996	142	1,303	0	2,441	414	343	0	0	757	(1,684)	(3,418)
2028	0	1,032	143	1,854	0	3,029	593	516	0	0	1,108	(1,920)	(4,720)
2029	0	1,068	144	2,417	0	3,629	803	691	0	0	1,494	(2,135)	(6,058)
2030	0	1,106	146	3,116	0	4,368	920	869	0	0	1,789	(2,578)	(7,553)
2031	0	1,144	147	3,793	0	5,085	1,052	1,051	0	0	2,103	(2,982)	(9,153)
2032	0	1,185	149	4,514	0	5,847	1,215	1,236	0	0	2,451	(3,396)	(10,838)
2033	0	1,227	150	5,233	0	6,610	1,444	1,425	0	0	2,870	(3,740)	(12,555)
2034	0	1,270	152	5,990	0	7,412	1,727	1,619	0	0	3,346	(4,066)	(14,282)
2035	0	0	0	6,477	0	6,477	4,385	1,808	0	0	6,192	(284)	(14,394)
2036	0	0	0	6,619	0	6,619	4,332	1,762	0	0	6,094	(526)	(14,585)
2037	0	0	0	6,766	0	6,766	4,332	1,716	0	0	6,049	(717)	(14,826)
2038	0	0	0	6,936	0	6,936	4,379	1,672	0	0	6,052	(884)	(15,101)
2039	0	0	0	7,116	0	7,116	4,452	1,629	0	0	6,081	(1,034)	(15,399)
2040	0	0	0	7,263	0	7,263	4,473	1,586	0	0	6,060	(1,203)	(15,719)
2041	0	0	0	7,414	0	7,414	4,472	1,545	0	0	6,017	(1,397)	(16,064)
2042	0	0	0	7,563	0	7,563	4,467	1,504	0	0	5,971	(1,592)	(16,426)
2043	0	0	0	7,711	0	7,711	4,525	1,465	0	0	5,989	(1,721)	(16,789)
2044	0	0	0	7,898	0	7,898	4,562	1,427	0	0	5,989	(1,909)	(17,162)
2045	0	1,523	139	8,105	0	9,767	4,710	1,391	0	0	6,101	(3,666)	(17,823)
2046	0	1,577	140	8,281	0	9,998	4,717	1,356	0	0	6,073	(3,924)	(18,478)
2047	0	1,633	142	8,453	0	10,227	4,759	1,324	0	0	6,083	(4,144)	(19,118)
2048	0	1,690	143	8,607	0	10,440	4,885	1,293	0	0	6,179	(4,261)	(19,726)
2049	0	1,750	144	8,777	0	10,671	4,921	1,265	0	0	6,186	(4,485)	(20,319)
2050	0	1,812	146	8,940	0	10,897	5,034	1,239	0	0	6,273	(4,624)	(20,884)
2051	0	1,875	147	9,068	0	11,091	5,021	1,215	0	0	6,236	(4,854)	(21,433)
2052	0	1,941	149	9,259	0	11,350	4,937	1,192	0	0	6,128	(5,221)	(21,979)
2053	0	2,010	150	9,405	0	11,565	4,843	1,169	0	0	6,012	(5,553)	(22,517)
2054	0	2,081	152	9,552	0	11,784	4,820	1,147	0	0	5,967	(5,817)	(23,037)
2055	0	0	0	9,701	0	9,701	4,652	1,125	0	0	5,777	(3,924)	(23,362)
2056	0	0	0	9,851	0	9,851	4,623	1,104	0	0	5,727	(4,124)	(23,678)
2057	0	0	0	10,004	0	10,004	4,655	1,083	0	0	5,738	(4,266)	(23,981)
2058	0	0	0	10,158	0	10,158	4,535	1,062	0	0	5,597	(4,560)	(24,280)
2059	0	0	0	10,314	0	10,314	4,560	1,041	0	0	5,602	(4,712)	(24,565)
2060	0	0	0	10,472	0	10,472	4,520	1,021	0	0	5,541	(4,931)	(24,842)
2061	0	0	0	10,632	0	10,632	4,471	1,001	0	0	5,471	(5,161)	(25,110)
2062	0	0	0	10,794	0	10,794	4,565	981	0	0	5,546	(5,249)	(25,362)
2063	0	0	0	11,001	0	11,001	4,557	962	0	0	5,518	(5,483)	(25,606)
2064	0	0	0	11,211	0	11,211	4,330	943	0	0	5,273	(5,938)	(25,850)
2065	0	2,496	139	11,420	0	14,055	4,419	925	0	0	5,344	(8,711)	(26,181)
2066	0	2,584	140	11,629	0	14,353	4,356	907	0	0	5,264	(9,089)	(26,501)
2067	0	2,675	142	11,837	0	14,654	4,434	890	0	0	5,325	(9,330)	(26,804)
2068	0	2,770	143	12,048	0	14,961	4,155	874	0	0	5,030	(9,931)	(27,103)
2069	0	2,867	144	12,262	0	15,273	4,146	859	0	0	5,005	(10,268)	(27,389)
2070	0	2,968	146	12,477	0	15,592	4,039	825	0	0	4,865	(10,727)	(27,666)
2071	0	3,073	147	12,696	0	15,916	4,006	790	0	0	4,796	(11,120)	(27,931)
2072	0	3,181	149	12,920	0	16,250	3,973	756	0	0	4,729	(11,521)	(28,185)
2073	0	3,294	150	13,146	0	16,590	3,940	723	0	0	4,663	(11,927)	(28,428)
2074	0	3,410	152	13,378	0	16,939	3,920	691	0	0	4,611	(12,328)	(28,661)
2075	0	0	0	13,615	0	13,615	3,901	660	0	0	4,560	(9,054)	(28,819)
2076	0	0	0	13,857	0	13,857	3,889	623	0	0	4,512	(9,345)	(28,970)
2077	0	0	0	14,106	0	14,106	3,877	588	0	0	4,465	(9,640)	(29,114)
2078	0	0	0	14,360	0	14,360	3,866	554	0	0	4,420	(9,940)	(29,251)
2079	0	0	0	14,622	0	14,622	3,855	521	0	0	4,377	(10,245)	(29,382)
2080	0	0	0	14,890	0	14,890	3,845	518	0	0	4,363	(10,527)	(29,507)
2081	0	0	0	15,166	0	15,166	3,835	519	0	0	4,355	(10,811)	(29,625)
2082	0	0	0	15,450	0	15,450	3,826	521	0	0	4,348	(11,102)	(29,737)
NOM	0	58,131	4,355	533,425	0	595,910	219,259.59	59,695.57	0.00	6.72	278,962	(316,949)	
NPV	0	9,669	1,119	58,100	0	68,888	27,725	11,424	0	1	39,150	(29,737)	

Discount Rate :
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.10 %
0.57

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	1.46 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.89 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	3,477.11 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (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	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.751
(2) TRC TEST	2.601
(3) PARTICIPANT TEST	4.84

* 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

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	397	660	0	1,057	586	0	4,003	0	4,003	
2026	366	594	0	960	1,840	0	3,693	0	3,693	
2027	338	535	0	872	3,038	0	3,407	0	3,407	
2028	311	481	0	793	4,098	0	3,143	0	3,143	
2029	287	433	0	720	5,064	0	2,899	0	2,899	
2030	265	390	0	655	6,196	0	2,674	0	2,674	
2031	245	351	0	595	7,162	0	2,467	0	2,467	
2032	226	316	0	541	8,097	0	2,276	0	2,276	
2033	208	284	0	492	8,928	0	2,100	0	2,100	
2034	192	256	0	448	9,729	0	1,937	0	1,937	
2035	0	0	0	0	10,274	0	0	0	0	
2036	0	0	0	0	10,501	0	0	0	0	
2037	0	0	0	0	10,733	0	0	0	0	
2038	0	0	0	0	11,003	0	0	0	0	
2039	0	0	0	0	11,288	0	0	0	0	
2040	0	0	0	0	11,522	0	0	0	0	
2041	0	0	0	0	11,762	0	0	0	0	
2042	0	0	0	0	11,998	0	0	0	0	
2043	0	0	0	0	12,232	0	0	0	0	
2044	0	0	0	0	12,529	0	0	0	0	
2045	650	660	0	1,310	12,858	0	6,560	0	6,560	
2046	600	594	0	1,194	13,136	0	6,051	0	6,051	
2047	553	535	0	1,088	13,410	0	5,582	0	5,582	
2048	510	481	0	992	13,653	0	5,150	0	5,150	
2049	471	433	0	904	13,923	0	4,751	0	4,751	
2050	434	390	0	824	14,182	0	4,382	0	4,382	
2051	401	351	0	751	14,385	0	4,043	0	4,043	
2052	370	316	0	685	14,689	0	3,729	0	3,729	
2053	341	284	0	625	14,919	0	3,440	0	3,440	
2054	315	256	0	570	15,152	0	3,174	0	3,174	
2055	0	0	0	0	15,388	0	0	0	0	
2056	0	0	0	0	15,627	0	0	0	0	
2057	0	0	0	0	15,869	0	0	0	0	
2058	0	0	0	0	16,114	0	0	0	0	
2059	0	0	0	0	16,362	0	0	0	0	
2060	0	0	0	0	16,613	0	0	0	0	
2061	0	0	0	0	16,867	0	0	0	0	
2062	0	0	0	0	17,124	0	0	0	0	
2063	0	0	0	0	17,452	0	0	0	0	
2064	0	0	0	0	17,784	0	0	0	0	
2065	1,065	660	0	1,725	18,117	0	10,749	0	10,749	
2066	983	594	0	1,577	18,447	0	9,916	0	9,916	
2067	907	535	0	1,441	18,778	0	9,147	0	9,147	
2068	836	481	0	1,318	19,112	0	8,438	0	8,438	
2069	772	433	0	1,205	19,451	0	7,784	0	7,784	
2070	712	390	0	1,101	19,793	0	7,181	0	7,181	
2071	657	351	0	1,007	20,140	0	6,625	0	6,625	
2072	606	316	0	921	20,496	0	6,111	0	6,111	
2073	559	284	0	843	20,855	0	5,638	0	5,638	
2074	515	256	0	771	21,222	0	5,201	0	5,201	
2075	0	0	0	0	21,597	0	0	0	0	
2076	0	0	0	0	21,982	0	0	0	0	
2077	0	0	0	0	22,376	0	0	0	0	
2078	0	0	0	0	22,781	0	0	0	0	
2079	0	0	0	0	23,195	0	0	0	0	
2080	0	0	0	0	23,621	0	0	0	0	
2081	0	0	0	0	24,059	0	0	0	0	
2082	0	0	0	0	24,508	0	0	0	0	
NOM	15,091	12,896	0	27,987	854,615	0	152,251	0	152,251	
NPV	2,698	3,557	0	6,255	97,326	0	27,217	0	27,217	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:	
Column (1) used for:	Utility Cost Customer Equipment Supply Costs
Column (3) used for:	Customer O&M Cost Generator Fixed O&M T&D Fixed O&M Generator Variable O&M
Column (6) used for:	Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	44,133	626	0	2,788	521	741	16	880	473	0	6,044	6,044	6,044	44,005
2036	42,889	608	0	2,710	1,032	726	16	880	(66)	0	5,906	5,464	11,508	43,125
2037	41,497	588	0	2,622	1,487	711	15	880	(550)	0	5,753	4,924	16,431	42,245
2038	40,158	569	0	2,537	1,892	696	15	880	(983)	0	5,606	4,438	20,870	41,365
2039	38,868	551	0	2,456	2,251	681	15	880	(1,370)	0	5,463	4,001	24,871	40,485
2040	37,622	534	0	2,377	2,568	667	14	880	(1,714)	0	5,325	3,608	28,479	39,605
2041	36,418	516	0	2,301	2,846	652	14	880	(2,018)	0	5,191	3,254	31,733	38,725
2042	35,253	500	0	2,227	3,088	637	14	880	(2,285)	0	5,061	2,935	34,668	37,845
2043	34,108	484	0	2,155	3,325	622	13	880	(2,547)	0	4,932	2,646	37,314	36,965
2044	32,967	467	0	2,083	3,561	607	13	880	(2,808)	0	4,805	2,384	39,698	36,084
2045	31,826	451	0	2,011	3,798	592	13	880	(3,069)	0	4,677	2,147	41,845	35,204
2046	30,685	435	0	1,939	4,035	578	12	880	(3,330)	0	4,549	1,932	43,777	34,324
2047	29,544	419	0	1,866	4,271	563	12	880	(3,591)	0	4,421	1,737	45,514	33,444
2048	28,403	403	0	1,794	4,508	548	12	880	(3,852)	0	4,293	1,560	47,075	32,564
2049	27,262	387	0	1,722	4,744	533	11	880	(4,113)	0	4,165	1,401	48,475	31,684
2050	26,121	370	0	1,650	4,981	518	11	880	(4,374)	0	4,037	1,256	49,731	30,804
2051	24,979	354	0	1,578	5,217	504	11	880	(4,635)	0	3,909	1,125	50,856	29,924
2052	23,838	338	0	1,506	5,454	489	10	880	(4,896)	0	3,782	1,007	51,863	29,044
2053	22,697	322	0	1,434	5,690	474	10	880	(5,157)	0	3,654	900	52,763	28,163
2054	21,556	306	0	1,362	5,927	459	10	880	(5,418)	0	3,526	803	53,566	27,283
2055	20,527	291	0	1,297	6,164	444	10	880	(5,679)	0	3,400	719	54,285	26,403
2056	19,723	280	0	1,246	6,401	430	9	880	(5,940)	0	3,274	646	54,931	25,523
2057	19,031	270	0	1,202	6,638	415	9	880	(6,201)	0	3,148	583	55,514	24,643
2058	18,339	260	0	1,159	6,875	400	9	880	(6,462)	0	3,022	525	56,039	23,763
2059	17,647	250	0	1,115	7,112	385	8	880	(6,723)	0	2,896	473	56,512	22,883
2060	16,955	240	0	1,071	7,349	370	8	880	(6,984)	0	2,770	426	56,938	22,003
2061	16,263	231	0	1,027	7,586	355	8	880	(7,245)	0	2,644	383	57,321	21,123
2062	15,571	221	0	984	7,823	341	7	880	(7,506)	0	2,518	344	57,665	20,242
2063	14,879	211	0	940	8,060	326	7	880	(7,767)	0	2,392	309	57,973	19,362
2064	14,187	201	0	896	8,297	311	7	880	(8,028)	0	2,266	277	58,250	18,482
2065	13,495	191	0	853	8,534	296	6	880	(8,289)	0	2,140	248	58,498	17,602
2066	12,803	182	0	809	8,771	281	6	880	(8,550)	0	2,014	222	58,720	16,722
2067	12,111	172	0	765	9,008	267	6	880	(8,811)	0	1,888	198	58,919	15,842
2068	11,418	162	0	721	9,245	252	5	880	(9,072)	0	1,762	177	59,096	14,962
2069	10,726	152	0	678	9,482	237	5	880	(9,333)	0	1,636	158	59,254	14,082
2070	10,034	142	0	634	9,719	222	5	880	(9,594)	0	1,510	141	59,394	13,202
2071	9,342	132	0	590	9,956	207	4	880	(9,855)	0	1,384	125	59,520	12,322
2072	8,650	123	0	546	10,193	193	4	880	(10,116)	0	1,258	111	59,631	11,442
2073	7,958	113	0	503	10,430	178	4	880	(10,377)	0	1,132	98	59,729	10,562
2074	7,266	103	0	459	10,667	163	3	880	(10,638)	0	1,006	87	59,816	9,682
2075	6,574	93	0	415	1,100	148	3	880	(10,900)	0	880	77	59,893	8,802
2076	5,882	83	0	372	1,137	148	3	880	(11,161)	0	754	68	59,961	8,801
2077	5,190	74	0	328	1,174	148	3	880	(11,422)	0	628	60	60,021	8,801
2078	4,498	64	0	284	1,211	148	3	880	(11,683)	0	502	54	60,075	8,801
2079	3,806	54	0	240	1,248	148	3	880	(11,944)	0	376	47	60,122	8,801
2080	3,114	44	0	197	1,285	148	3	880	(12,205)	0	250	42	60,164	8,801
2081	2,422	34	0	153	1,322	148	3	880	(12,466)	0	124	37	60,201	8,801
2082	1,730	25	0	109	1,359	148	3	880	(12,727)	0	0	32	60,233	8,801
2083	1,038	15	0	66	1,396	148	3	880	(12,988)	0	0	28	60,261	8,801
2084	346	5	0	22	1,433	148	3	880	(13,249)	0	0	25	60,286	8,801

IN SERVICE COST (\$000)	44,005
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	1,489	1,489	880	880	880	880	473	6,902	0	0	0	473	1,135
2036	7.22%	2,867	4,357	880	1,760	880	1,760	(66)	6,902	0	0	0	(66)	1,070
2037	6.68%	2,652	7,008	880	2,640	880	2,640	(550)	6,902	0	0	0	(550)	520
2038	6.18%	2,453	9,462	880	3,520	880	3,520	(983)	6,902	0	0	0	(983)	(464)
2039	5.71%	2,269	11,731	880	4,401	880	4,401	(1,370)	6,902	0	0	0	(1,370)	(1,834)
2040	5.29%	2,099	13,830	880	5,281	880	5,281	(1,714)	6,902	0	0	0	(1,714)	(3,549)
2041	4.89%	1,941	15,771	880	6,161	880	6,161	(2,018)	6,902	0	0	0	(2,018)	(5,567)
2042	4.52%	1,796	17,567	880	7,041	880	7,041	(2,285)	6,902	0	0	0	(2,285)	(7,852)
2043	4.46%	1,772	19,339	880	7,921	880	7,921	(2,547)	6,902	0	0	0	(2,547)	(10,399)
2044	4.46%	1,772	21,111	880	8,801	880	8,801	(2,808)	6,902	0	0	0	(2,808)	(13,206)
2045	4.46%	1,772	22,883	880	9,681	880	9,681	(3,069)	6,902	0	0	0	(3,069)	(16,275)
2046	4.46%	1,772	24,655	880	10,561	880	10,561	(3,330)	6,902	0	0	0	(3,330)	(19,605)
2047	4.46%	1,772	26,427	880	11,441	880	11,441	(3,591)	6,902	0	0	0	(3,591)	(23,195)
2048	4.46%	1,772	28,199	880	12,322	880	12,322	(3,852)	6,902	0	0	0	(3,852)	(27,047)
2049	4.46%	1,772	29,971	880	13,202	880	13,202	(4,113)	6,902	0	0	0	(4,113)	(31,160)
2050	4.46%	1,772	31,743	880	14,082	880	14,082	(4,374)	6,902	0	0	0	(4,374)	(35,533)
2051	4.46%	1,772	33,515	880	14,962	880	14,962	(4,635)	6,902	0	0	0	(4,635)	(40,168)
2052	4.46%	1,772	35,287	880	15,842	880	15,842	(4,896)	6,902	0	0	0	(4,896)	(45,064)
2053	4.46%	1,772	37,059	880	16,722	880	16,722	(5,157)	6,902	0	0	0	(5,157)	(50,221)
2054	4.46%	1,772	38,831	880	17,602	880	17,602	(5,418)	6,902	0	0	0	(5,418)	(55,638)
2055	2.23%	886	39,717	880	18,482	880	18,482	(5,454)	6,902	0	0	0	(5,454)	(61,093)
2056	0.00%	0	39,717	880	19,362	880	19,362	(5,266)	6,902	0	0	0	(5,266)	(66,359)
2057	0.00%	0	39,717	880	20,242	880	20,242	(5,078)	6,902	0	0	0	(5,078)	(71,437)
2058	0.00%	0	39,717	880	21,123	880	21,123	(4,890)	6,902	0	0	0	(4,890)	(76,327)
2059	0.00%	0	39,717	880	22,003	880	22,003	(4,702)	6,902	0	0	0	(4,702)	(81,029)
2060	0.00%	0	39,717	880	22,883	880	22,883	(4,514)	6,902	0	0	0	(4,514)	(85,543)
2061	0.00%	0	39,717	880	23,763	880	23,763	(4,326)	6,902	0	0	0	(4,326)	(89,869)
2062	0.00%	0	39,717	880	24,643	880	24,643	(4,138)	6,902	0	0	0	(4,138)	(94,007)
2063	0.00%	0	39,717	880	25,523	880	25,523	(3,950)	6,902	0	0	0	(3,950)	(97,956)
2064	0.00%	0	39,717	880	26,403	880	26,403	(3,762)	6,902	0	0	0	(3,762)	(101,718)
2065	0.00%	0	39,717	880	27,283	880	27,283	(3,574)	6,902	0	0	0	(3,574)	(105,291)
2066	0.00%	0	39,717	880	28,163	880	28,163	(3,385)	6,902	0	0	0	(3,385)	(108,677)
2067	0.00%	0	39,717	880	29,044	880	29,044	(3,197)	6,902	0	0	0	(3,197)	(111,874)
2068	0.00%	0	39,717	880	29,924	880	29,924	(3,009)	6,902	0	0	0	(3,009)	(114,883)
2069	0.00%	0	39,717	880	30,804	880	30,804	(2,821)	6,902	0	0	0	(2,821)	(117,705)
2070	0.00%	0	39,717	880	31,684	880	31,684	(2,633)	6,902	0	0	0	(2,633)	(120,338)
2071	0.00%	0	39,717	880	32,564	880	32,564	(2,445)	6,902	0	0	0	(2,445)	(122,783)
2072	0.00%	0	39,717	880	33,444	880	33,444	(2,257)	6,902	0	0	0	(2,257)	(125,040)
2073	0.00%	0	39,717	880	34,324	880	34,324	(2,069)	6,902	0	0	0	(2,069)	(127,109)
2074	0.00%	0	39,717	880	35,204	880	35,204	(1,881)	6,902	0	0	0	(1,881)	(128,989)
2075	0.00%	0	39,717	880	36,084	880	36,084	(1,693)	6,902	0	0	0	(1,693)	(130,682)
2076	0.00%	0	39,717	880	36,965	880	36,965	(1,505)	6,902	0	0	0	(1,505)	(132,187)
2077	0.00%	0	39,717	880	37,845	880	37,845	(1,317)	6,902	0	0	0	(1,317)	(133,503)
2078	0.00%	0	39,717	880	38,725	880	38,725	(1,128)	6,902	0	0	0	(1,128)	(134,632)
2079	0.00%	0	39,717	880	39,605	880	39,605	(940)	6,902	0	0	0	(940)	(135,572)
2080	0.00%	0	39,717	880	40,485	880	40,485	(752)	6,902	0	0	0	(752)	(136,324)
2081	0.00%	0	39,717	880	41,365	880	41,365	(564)	6,902	0	0	0	(564)	(136,889)
2082	0.00%	0	39,717	880	42,245	880	42,245	(376)	6,902	0	0	0	(376)	(137,265)
2083	0.00%	0	39,717	880	43,125	880	43,125	(188)	6,902	0	0	0	(188)	(137,453)
2084	0.00%	0	39,717	880	44,005	880	44,005	0	6,902	0	0	0	0	(137,453)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	662
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	6,902
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2035	3.75%	1,489	473	43,125	880	1,135	44,668	43,598	44,133
2036	7.22%	2,867	(66)	42,245	1,760	1,070	43,598	42,179	42,889
2037	6.68%	2,652	(550)	41,365	2,640	520	42,179	40,815	41,497
2038	6.18%	2,453	(983)	40,485	3,520	(464)	40,815	39,502	40,158
2039	5.71%	2,269	(1,370)	39,605	4,401	(1,834)	39,502	38,234	38,868
2040	5.29%	2,099	(1,714)	38,725	5,281	(3,549)	38,234	37,010	37,622
2041	4.89%	1,941	(2,018)	37,845	6,161	(5,567)	37,010	35,826	36,418
2042	4.52%	1,796	(2,285)	36,965	7,041	(7,852)	35,826	34,679	35,253
2043	4.46%	1,772	(2,547)	36,084	7,921	(10,399)	34,679	33,538	34,108
2044	4.46%	1,772	(2,808)	35,204	8,801	(13,206)	33,538	32,397	32,967
2045	4.46%	1,772	(3,069)	34,324	9,681	(16,275)	32,397	31,256	31,826
2046	4.46%	1,772	(3,330)	33,444	10,561	(19,605)	31,256	30,115	30,685
2047	4.46%	1,772	(3,591)	32,564	11,441	(23,195)	30,115	28,973	29,544
2048	4.46%	1,772	(3,852)	31,684	12,322	(27,047)	28,973	27,832	28,403
2049	4.46%	1,772	(4,113)	30,804	13,202	(31,160)	27,832	26,691	27,262
2050	4.46%	1,772	(4,374)	29,924	14,082	(35,533)	26,691	25,550	26,121
2051	4.46%	1,772	(4,635)	29,044	14,962	(40,168)	25,550	24,409	24,979
2052	4.46%	1,772	(4,896)	28,163	15,842	(45,064)	24,409	23,268	23,838
2053	4.46%	1,772	(5,157)	27,283	16,722	(50,221)	23,268	22,127	22,697
2054	4.46%	1,772	(5,418)	26,403	17,602	(55,638)	22,127	20,985	21,556
2055	2.23%	886	(5,454)	25,523	18,482	(61,093)	20,985	20,069	20,527
2056	0.00%	0	(5,266)	24,643	19,362	(66,359)	20,069	19,377	19,723
2057	0.00%	0	(5,078)	23,763	20,242	(71,437)	19,377	18,685	19,031
2058	0.00%	0	(4,890)	22,883	21,123	(76,327)	18,685	17,993	18,339
2059	0.00%	0	(4,702)	22,003	22,003	(81,029)	17,993	17,301	17,647
2060	0.00%	0	(4,514)	21,123	22,883	(85,543)	17,301	16,609	16,955
2061	0.00%	0	(4,326)	20,242	23,763	(89,869)	16,609	15,917	16,263
2062	0.00%	0	(4,138)	19,362	24,643	(94,007)	15,917	15,225	15,571
2063	0.00%	0	(3,950)	18,482	25,523	(97,956)	15,225	14,533	14,879
2064	0.00%	0	(3,762)	17,602	26,403	(101,718)	14,533	13,841	14,187
2065	0.00%	0	(3,574)	16,722	27,283	(105,291)	13,841	13,149	13,495
2066	0.00%	0	(3,385)	15,842	28,163	(108,677)	13,149	12,457	12,803
2067	0.00%	0	(3,197)	14,962	29,044	(111,874)	12,457	11,764	12,111
2068	0.00%	0	(3,009)	14,082	29,924	(114,883)	11,764	11,072	11,418
2069	0.00%	0	(2,821)	13,202	30,804	(117,705)	11,072	10,380	10,726
2070	0.00%	0	(2,633)	12,322	31,684	(120,338)	10,380	9,688	10,034
2071	0.00%	0	(2,445)	11,441	32,564	(122,783)	9,688	8,996	9,342
2072	0.00%	0	(2,257)	10,561	33,444	(125,040)	8,996	8,304	8,650
2073	0.00%	0	(2,069)	9,681	34,324	(127,109)	8,304	7,612	7,958
2074	0.00%	0	(1,881)	8,801	35,204	(128,989)	7,612	6,920	7,266
2075	0.00%	0	(1,693)	7,921	36,084	(130,682)	6,920	6,228	6,574
2076	0.00%	0	(1,505)	7,041	36,965	(132,187)	6,228	5,536	5,882
2077	0.00%	0	(1,317)	6,161	37,845	(133,503)	5,536	4,844	5,190
2078	0.00%	0	(1,128)	5,281	38,725	(134,632)	4,844	4,152	4,498
2079	0.00%	0	(940)	4,401	39,605	(135,572)	4,152	3,460	3,806
2080	0.00%	0	(752)	3,520	40,485	(136,324)	3,460	2,768	3,114
2081	0.00%	0	(564)	2,640	41,365	(136,889)	2,768	2,076	2,422
2082	0.00%	0	(376)	1,760	42,245	(137,265)	2,076	1,384	1,730
2083	0.00%	0	(188)	880	43,125	(137,453)	1,384	692	1,038
2084	0.00%	0	0	0	44,005	(137,453)	692	0	346

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(8) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	35,099	35,099	35,099
EQUITY AFUDC	6,902		
DEBT AFUDC	2,005	2,005	
CPI			4,618
IIC Basis Reduction (Solar)			
TOTAL	44,005	37,104	39,717

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	3,000	3,000	2.97	3.36	3.06	0.00	1.00	1.00
2026	5,700	5,700	3.41	3.93	3.49	0.00	1.00	1.00
2027	8,130	8,130	3.37	3.97	3.45	0.00	1.00	1.00
2028	10,317	10,317	3.51	4.02	3.54	0.00	1.00	1.00
2029	12,285	12,285	3.59	4.19	3.60	0.00	1.00	1.00
2030	14,057	14,057	3.29	3.91	3.27	0.00	1.00	1.00
2031	15,651	15,651	3.07	3.79	2.96	0.00	1.00	1.00
2032	17,086	17,086	2.95	3.88	2.82	0.00	1.00	1.00
2033	18,377	18,377	3.33	4.06	3.24	6.88	1.00	1.00
2034	19,540	19,540	3.53	4.22	3.46	6.98	1.00	1.00
2035	19,540	19,540	3.86	4.58	3.80	7.13	1.00	1.00
2036	19,540	19,540	4.00	4.66	3.95	6.98	1.00	1.00
2037	19,540	19,540	4.20	4.79	4.15	7.15	1.00	1.00
2038	19,540	19,540	4.53	5.19	4.51	7.22	1.00	1.00
2039	19,540	19,540	4.72	5.36	4.69	7.16	1.00	1.00
2040	19,540	19,540	5.06	5.69	5.03	7.38	1.00	1.00
2041	19,540	19,540	5.39	5.86	5.34	7.51	1.00	1.00
2042	19,540	19,540	5.49	5.99	5.46	7.59	1.00	1.00
2043	19,540	19,540	5.72	6.29	5.69	7.82	1.00	1.00
2044	19,540	19,540	6.11	6.73	6.09	8.08	1.00	1.00
2045	19,540	19,540	6.50	7.14	6.48	8.49	1.00	1.00
2046	19,540	19,540	6.71	7.35	6.71	8.36	1.00	1.00
2047	19,540	19,540	7.07	7.65	7.05	8.85	1.00	1.00
2048	19,540	19,540	7.41	8.10	7.38	9.24	1.00	1.00
2049	19,540	19,540	7.89	8.58	7.86	9.55	1.00	1.00
2050	19,540	19,540	8.54	9.35	8.55	10.09	1.00	1.00
2051	19,540	19,540	8.49	9.19	8.48	10.16	1.00	1.00
2052	19,540	19,540	8.54	9.26	8.55	10.08	1.00	1.00
2053	19,540	19,540	8.58	9.37	8.59	10.06	1.00	1.00
2054	19,540	19,540	8.61	9.31	8.62	9.85	1.00	1.00
2055	19,540	19,540	8.57	9.22	8.57	9.91	1.00	1.00
2056	19,540	19,540	8.54	9.23	8.57	9.73	1.00	1.00
2057	19,540	19,540	8.59	9.31	8.62	9.80	1.00	1.00
2058	19,540	19,540	8.51	9.14	8.52	9.59	1.00	1.00
2059	19,540	19,540	8.55	9.22	8.57	9.63	1.00	1.00
2060	19,540	19,540	8.59	9.21	8.62	9.54	1.00	1.00
2061	19,540	19,540	8.43	9.05	8.47	9.45	1.00	1.00
2062	19,540	19,540	8.42	9.04	8.44	9.27	1.00	1.00
2063	19,540	19,540	8.49	9.21	8.55	9.73	1.00	1.00
2064	19,540	19,540	8.47	9.13	8.52	9.62	1.00	1.00
2065	19,540	19,540	8.37	9.01	8.42	9.50	1.00	1.00
2066	19,540	19,540	8.32	9.03	8.37	9.49	1.00	1.00
2067	19,540	19,540	8.33	9.05	8.39	9.47	1.00	1.00
2068	19,540	19,540	8.39	8.34	8.47	9.42	1.00	1.00
2069	19,540	19,540	8.39	8.34	8.47	9.50	1.00	1.00
2070	19,540	19,540	8.39	8.34	8.47	9.30	1.00	1.00
2071	19,540	19,540	8.39	8.34	8.47	9.26	1.00	1.00
2072	19,540	19,540	8.39	8.34	8.47	9.22	1.00	1.00
2073	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2074	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2075	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2076	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2077	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2078	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2079	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2080	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2081	19,540	19,540	8.39	8.34	8.47	9.18	1.00	1.00
2082	19,540	19,540	8.39	8.34	8.47	9.18	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: **2025 DSM Plan - Residential Ceiling Insulation**

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	6,044	588	22	13642	14966	5331
2036	5,906	603	25	14398	15786	5146
2037	5,753	618	26	14954	16388	4964
2038	5,606	634	28	15737	17266	4738
2039	5,463	650	29	16382	17799	4725
2040	5,325	666	30	17046	18599	4468
2041	5,191	682	33	18233	19878	4261
2042	5,061	699	33	18175	19856	4112
2043	4,932	717	34	18774	20463	3995
2044	4,805	735	36	19755	21670	3660
2045	4,677	753	37	21160	23035	3592
2046	4,549	772	39	21208	23221	3346
2047	4,421	791	40	22458	24566	3144
2048	4,293	811	40	23262	25364	3043
2049	4,165	831	42	24458	26839	2658
2050	4,037	852	44	25916	28679	2171
2051	3,909	874	45	26265	28862	2232
2052	3,782	895	46	25658	28314	2067
2053	3,654	918	48	26058	28925	1753
2054	3,526	941	50	25851	28621	1746
2055	3,409	964	51	25836	28808	1453
2056	3,314	988	52	25345	28271	1429
2057	3,231	1,013	54	25859	28801	1355
2058	3,147	1,038	56	25543	28495	1290
2059	3,064	1,064	57	25368	28302	1251
2060	2,980	1,091	58	25059	28034	1155
2061	2,897	1,118	59	24575	27458	1191
2062	2,813	1,146	61	24616	27231	1406
2063	2,730	1,175	63	25850	28606	1211
2064	2,646	1,204	65	25507	28582	840
2065	2,563	1,234	66	25189	27911	1141
2066	2,479	1,265	68	25059	27878	993
2067	2,396	1,297	69	25192	27817	1136
2068	2,312	1,329	71	24989	27687	1014
2069	2,229	1,362	73	25250	27921	994
2070	2,145	1,396	75	24469	27328	757
2071	2,062	1,431	76	24325	27211	683
2072	1,978	1,467	78	24181	27095	610
2073	1,895	1,504	80	24037	26978	537
2074	1,811	1,541	82	24037	26978	493
2075	1,728	1,580	84	24037	26978	450
2076	1,659	1,619	87	24037	26978	424
2077	1,591	1,660	89	24037	26978	398
2078	1,523	1,701	91	24037	26978	373
2079	1,454	1,744	93	24037	26978	350
2080	1,386	1,788	95	24037	26978	327
2081	1,318	1,832	98	24037	26978	306
2082	1,249	1,878	100	24037	26978	286
NOM	159,110	53,464	2,780	1,101,963	1,222,314	95,003
NPV	23,666.59	4,118.05	200	101,835	112,031	17,789

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential Ceiling Insulation

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	181	0
2026	425	30	456	127	31	158	618	0
2027	807	49	857	242	50	292	1,000	0
2028	1,148	68	1,216	346	68	414	1,339	0
2029	1,451	85	1,536	438	85	524	1,723	0
2030	1,720	101	1,822	521	102	623	1,881	0
2031	1,958	117	2,076	595	118	712	2,072	0
2032	2,168	132	2,300	660	133	793	2,377	0
2033	2,351	147	2,498	718	148	866	2,647	0
2034	2,510	161	2,671	769	162	931	2,922	0
2035	2,646	170	2,816	813	171	984	3,270	0
2036	2,562	174	2,736	792	175	967	3,304	0
2037	2,479	179	2,658	771	180	951	3,381	0
2038	2,397	183	2,580	750	184	934	3,666	0
2039	2,316	188	2,504	730	189	919	3,779	0
2040	2,236	192	2,429	709	194	903	4,006	0
2041	2,157	197	2,355	689	198	888	4,079	0
2042	2,082	202	2,284	669	203	873	4,180	0
2043	2,011	207	2,218	649	209	858	4,395	0
2044	1,943	212	2,156	629	214	843	4,703	0
2045	1,880	218	2,097	609	219	828	4,988	0
2046	1,819	223	2,043	589	225	814	5,129	0
2047	1,762	229	1,991	571	230	801	5,325	0
2048	1,708	234	1,943	553	236	788	5,651	0
2049	1,657	240	1,897	535	242	777	5,981	0
2050	1,608	246	1,854	519	248	767	6,523	0
2051	1,560	253	1,813	504	254	758	6,392	0
2052	1,514	259	1,772	489	260	750	6,443	0
2053	1,467	265	1,732	475	267	742	6,532	0
2054	1,420	272	1,692	462	274	735	6,478	0
2055	1,374	279	1,652	449	280	729	6,404	0
2056	1,327	286	1,613	436	287	724	6,418	0
2057	1,280	293	1,573	424	295	719	6,484	0
2058	1,233	300	1,534	412	302	714	6,343	0
2059	1,187	308	1,494	399	310	709	6,408	0
2060	1,140	315	1,455	387	317	704	6,392	0
2061	1,093	323	1,417	375	325	700	6,280	0
2062	1,048	331	1,379	362	333	696	6,273	0
2063	1,003	340	1,343	350	342	692	6,415	0
2064	960	348	1,308	338	350	688	6,340	0
2065	917	357	1,274	325	359	684	6,254	0
2066	876	366	1,241	313	368	681	6,287	0
2067	835	375	1,210	301	377	678	6,299	0
2068	795	384	1,179	289	387	676	5,652	0
2069	756	394	1,150	277	396	674	5,652	0
2070	650	404	1,054	266	406	672	5,652	0
2071	544	414	958	255	416	671	5,652	0
2072	448	424	872	244	427	671	5,652	0
2073	362	435	796	233	437	671	5,652	0
2074	284	446	729	223	448	671	5,652	0
2075	214	457	671	213	460	672	5,652	0
2076	152	468	620	180	471	651	5,652	0
2077	97	480	577	151	483	633	5,652	0
2078	48	492	540	124	495	619	5,652	0
2079	6	504	510	100	507	607	5,652	0
2080	(0)	517	517	78	520	598	5,652	0
2081	(0)	530	530	59	533	592	5,652	0
2082	0	543	543	41	546	588	5,652	0
NOM	72,392	16,346.21	88,738	24,525	16,448	40,974	282,340	0
NPV	17,596	1,673	19,269	5,508	1,683	7,191	33,547	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	1	1	0	0	0
2036	1	1	0	0	0
2037	1	1	0	0	0
2038	1	1	0	0	0
2039	1	1	0	0	0
2040	1	1	0	0	0
2041	1	1	0	0	0
2042	1	1	0	0	0
2043	1	1	0	0	0
2044	1	1	0	0	0
2045	1	1	0	0	0
2046	1	1	0	0	0
2047	1	1	0	0	0
2048	1	1	0	0	0
2049	1	1	0	0	0
2050	1	1	0	0	0
2051	1	1	0	0	0
2052	1	1	0	0	0
2053	1	1	0	0	0
2054	1	1	0	0	0
2055	1	1	0	0	0
2056	1	1	0	0	0
2057	1	1	0	0	0
2058	1	1	0	0	0
2059	1	1	0	0	0
2060	1	1	0	0	0
2061	1	1	0	0	0
2062	1	1	0	0	0
2063	1	1	0	0	0
2064	1	1	0	0	0
2065	1	1	0	0	0
2066	1	1	0	0	0
2067	1	1	0	0	0
2068	1	1	0	0	0
2069	1	1	0	0	0
2070	1	1	0	0	0
2071	1	1	0	0	0
2072	1	1	0	0	0
2073	1	1	0	0	0
2074	1	1	0	0	0
2075	1	1	0	0	0
2076	1	1	0	0	0
2077	1	1	0	0	0
2078	1	1	0	0	0
2079	1	1	0	0	0
2080	1	1	0	0	0
2081	1	1	0	0	0
2082	1	1	0	0	0
NOM	51	57	15	0	9
NPV	5	6	2	0	2

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	397	4,003	0	4,400	0	0	181	0	181	(4,219)	(3,610)
2026	0	366	3,693	0	4,059	0	613	618	0	1,232	(2,827)	(5,849)
2027	0	338	3,407	0	3,744	0	1,149	1,000	0	2,149	(1,596)	(7,018)
2028	0	311	3,143	0	3,454	0	1,629	1,339	0	2,968	(486)	(7,347)
2029	0	287	2,899	0	3,187	0	2,060	1,723	0	3,783	596	(6,973)
2030	0	265	2,674	0	2,940	0	2,445	1,881	0	4,325	1,386	(6,170)
2031	0	245	2,467	0	2,712	0	2,788	2,072	0	4,860	2,149	(5,017)
2032	0	226	2,276	0	2,502	0	3,093	2,377	0	5,470	2,969	(3,544)
2033	0	208	2,100	0	2,308	0	3,364	2,647	0	6,011	3,703	(1,843)
2034	0	192	1,937	0	2,129	0	3,601	2,922	0	6,523	4,394	23
2035	0	0	0	0	0	5,331	3,800	3,270	0	12,402	12,402	4,896
2036	0	0	0	0	0	5,146	3,704	3,304	0	12,154	12,154	9,314
2037	0	0	0	0	0	4,964	3,608	3,381	0	11,953	11,953	13,333
2038	0	0	0	0	0	4,738	3,515	3,666	0	11,919	11,919	17,041
2039	0	0	0	0	0	4,725	3,423	3,779	0	11,927	11,927	20,473
2040	0	0	0	0	0	4,468	3,332	4,006	0	11,806	11,806	23,616
2041	0	0	0	0	0	4,261	3,242	4,079	0	11,582	11,582	26,469
2042	0	0	0	0	0	4,112	3,157	4,180	0	11,448	11,448	29,077
2043	0	0	0	0	0	3,995	3,076	4,395	0	11,466	11,466	31,494
2044	0	0	0	0	0	3,660	2,999	4,703	0	11,362	11,362	33,710
2045	0	650	6,560	0	7,210	3,592	2,926	4,988	0	11,506	4,296	34,485
2046	0	600	6,051	0	6,651	3,346	2,857	5,129	0	11,332	4,681	35,266
2047	0	553	5,582	0	6,136	3,144	2,792	5,325	0	11,261	5,125	36,057
2048	0	510	5,150	0	5,660	3,043	2,731	5,651	0	11,424	5,764	36,880
2049	0	471	4,751	0	5,221	2,658	2,674	5,981	0	11,313	6,092	37,685
2050	0	434	4,382	0	4,817	2,171	2,621	6,523	0	11,314	6,498	38,479
2051	0	401	4,043	0	4,444	2,232	2,571	6,392	0	11,195	6,751	39,243
2052	0	370	3,729	0	4,099	2,067	2,522	6,443	0	11,032	6,932	39,968
2053	0	341	3,440	0	3,781	1,753	2,474	6,532	0	10,759	6,977	40,643
2054	0	315	3,174	0	3,488	1,746	2,427	6,478	0	10,651	7,163	41,285
2055	0	0	0	0	0	1,453	2,381	6,404	0	10,239	10,239	42,132
2056	0	0	0	0	0	1,429	2,336	6,418	0	10,184	10,184	42,913
2057	0	0	0	0	0	1,355	2,292	6,484	0	10,131	10,131	43,631
2058	0	0	0	0	0	1,290	2,247	6,343	0	9,880	9,880	44,279
2059	0	0	0	0	0	1,251	2,203	6,408	0	9,863	9,863	44,877
2060	0	0	0	0	0	1,155	2,160	6,392	0	9,707	9,707	45,422
2061	0	0	0	0	0	1,191	2,117	6,280	0	9,587	9,587	45,919
2062	0	0	0	0	0	1,406	2,075	6,273	0	9,753	9,753	46,388
2063	0	0	0	0	0	1,211	2,034	6,415	0	9,661	9,661	46,817
2064	0	0	0	0	0	840	1,996	6,340	0	9,176	9,176	47,194
2065	0	1,065	10,749	0	11,814	1,141	1,958	6,254	0	9,354	(2,460)	47,101
2066	0	983	9,916	0	10,899	993	1,922	6,287	0	9,202	(1,696)	47,041
2067	0	907	9,147	0	10,054	1,136	1,888	6,299	0	9,323	(731)	47,017
2068	0	836	8,438	0	9,275	1,014	1,855	5,652	0	8,522	(753)	46,994
2069	0	772	7,784	0	8,556	994	1,823	5,652	0	8,469	(87)	46,992
2070	0	712	7,181	0	7,893	757	1,726	5,652	0	8,135	242	46,998
2071	0	657	6,625	0	7,281	683	1,629	5,652	0	7,964	683	47,015
2072	0	606	6,111	0	6,717	610	1,543	5,652	0	7,805	1,088	47,039
2073	0	559	5,638	0	6,196	537	1,467	5,652	0	7,657	1,460	47,068
2074	0	515	5,201	0	5,716	493	1,401	5,652	0	7,546	1,830	47,103
2075	0	0	0	0	0	450	1,343	5,652	0	7,446	7,446	47,233
2076	0	0	0	0	0	424	1,271	5,652	0	7,347	7,347	47,352
2077	0	0	0	0	0	398	1,210	5,652	0	7,260	7,260	47,460
2078	0	0	0	0	0	373	1,159	5,652	0	7,184	7,184	47,559
2079	0	0	0	0	0	350	1,117	5,652	0	7,119	7,119	47,650
2080	0	0	0	0	0	327	1,115	5,652	0	7,094	7,094	47,734
2081	0	0	0	0	0	306	1,121	5,652	0	7,080	7,080	47,812
2082	0	0	0	0	0	286	1,130	5,652	0	7,069	7,069	47,883
NOM	0	15,091	152,251	0	167,342	95,003.17	129,712	282,340	9	507,064	339,722	
NPV	0	2,698	27,217	0	29,915	17,789	26,460	33,547	2	77,798.30	47,883	

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

8.10 %
2.60

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	771	0	660	0	1,431	4,003	0	0	4,003	(2,572)	(2,202)
2026	2,421	0	594	0	3,015	3,693	0	0	3,693	(678)	(2,738)
2027	3,997	0	535	0	4,532	3,407	0	0	3,407	1,125	(1,914)
2028	5,392	0	481	0	5,873	3,143	0	0	3,143	2,730	(64)
2029	6,664	0	433	0	7,097	2,899	0	0	2,899	4,198	2,567
2030	8,153	0	390	0	8,543	2,674	0	0	2,674	5,868	5,970
2031	9,423	0	351	0	9,774	2,467	0	0	2,467	7,307	9,890
2032	10,655	0	316	0	10,970	2,276	0	0	2,276	8,694	14,204
2033	11,748	0	284	0	12,032	2,100	0	0	2,100	9,932	18,764
2034	12,801	0	256	0	13,056	1,937	0	0	1,937	11,120	23,487
2035	13,519	0	0	0	13,519	0	0	0	0	13,519	28,799
2036	13,817	0	0	0	13,817	0	0	0	0	13,817	33,821
2037	14,122	0	0	0	14,122	0	0	0	0	14,122	38,570
2038	14,477	0	0	0	14,477	0	0	0	0	14,477	43,074
2039	14,852	0	0	0	14,852	0	0	0	0	14,852	47,348
2040	15,160	0	0	0	15,160	0	0	0	0	15,160	51,384
2041	15,476	0	0	0	15,476	0	0	0	0	15,476	55,196
2042	15,786	0	0	0	15,786	0	0	0	0	15,786	58,793
2043	16,094	0	0	0	16,094	0	0	0	0	16,094	62,185
2044	16,486	0	0	0	16,486	0	0	0	0	16,486	65,400
2045	16,918	0	660	0	17,578	6,560	0	0	6,560	11,018	67,387
2046	17,284	0	594	0	17,878	6,051	0	0	6,051	11,827	69,361
2047	17,644	0	535	0	18,179	5,582	0	0	5,582	12,596	71,306
2048	17,965	0	481	0	18,446	5,150	0	0	5,150	13,296	73,205
2049	18,320	0	433	0	18,753	4,751	0	0	4,751	14,002	75,055
2050	18,661	0	390	0	19,050	4,382	0	0	4,382	14,668	76,848
2051	18,928	0	351	0	19,278	4,043	0	0	4,043	15,235	78,571
2052	19,327	0	316	0	19,643	3,729	0	0	3,729	15,913	80,235
2053	19,630	0	284	0	19,914	3,440	0	0	3,440	16,474	81,829
2054	19,937	0	256	0	20,193	3,174	0	0	3,174	17,019	83,353
2055	20,248	0	0	0	20,248	0	0	0	0	20,248	85,030
2056	20,562	0	0	0	20,562	0	0	0	0	20,562	86,605
2057	20,880	0	0	0	20,880	0	0	0	0	20,880	88,085
2058	21,202	0	0	0	21,202	0	0	0	0	21,202	89,476
2059	21,529	0	0	0	21,529	0	0	0	0	21,529	90,782
2060	21,859	0	0	0	21,859	0	0	0	0	21,859	92,008
2061	22,193	0	0	0	22,193	0	0	0	0	22,193	93,160
2062	22,531	0	0	0	22,531	0	0	0	0	22,531	94,243
2063	22,963	0	0	0	22,963	0	0	0	0	22,963	95,263
2064	23,401	0	0	0	23,401	0	0	0	0	23,401	96,225
2065	23,838	0	660	0	24,498	10,749	0	0	10,749	13,749	96,747
2066	24,272	0	594	0	24,866	9,916	0	0	9,916	14,950	97,273
2067	24,708	0	535	0	25,243	9,147	0	0	9,147	16,096	97,797
2068	25,148	0	481	0	25,629	8,438	0	0	8,438	17,190	98,315
2069	25,594	0	433	0	26,027	7,784	0	0	7,784	18,242	98,823
2070	26,044	0	390	0	26,434	7,181	0	0	7,181	19,253	99,319
2071	26,500	0	351	0	26,850	6,625	0	0	6,625	20,226	99,801
2072	26,968	0	316	0	27,284	6,111	0	0	6,111	21,173	100,268
2073	27,440	0	284	0	27,724	5,638	0	0	5,638	22,087	100,718
2074	27,923	0	256	0	28,179	5,201	0	0	5,201	22,978	101,152
2075	28,418	0	0	0	28,418	0	0	0	0	28,418	101,648
2076	28,924	0	0	0	28,924	0	0	0	0	28,924	102,115
2077	29,443	0	0	0	29,443	0	0	0	0	29,443	102,555
2078	29,974	0	0	0	29,974	0	0	0	0	29,974	102,969
2079	30,520	0	0	0	30,520	0	0	0	0	30,520	103,359
2080	31,080	0	0	0	31,080	0	0	0	0	31,080	103,727
2081	31,656	0	0	0	31,656	0	0	0	0	31,656	104,073
2082	32,248	0	0	0	32,248	0	0	0	0	32,248	104,400
NOM	1,124,494	0	12,896	0	1,137,390	152,251	0	0	152,251	985,138	
NPV	128,060	0	3,557	0	131,617	27,217	0	0	27,217	104,400	

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

2035
 8.10 %
4.84

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Ceiling Insulation

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	397	660	586	0	1,643	181	0	0	181	(1,461)	(1,251)	
2026	0	366	594	1,840	0	2,800	618	613	0	1,232	(1,568)	(2,492)	
2027	0	338	535	3,038	0	3,910	1,000	1,149	0	2,149	(1,762)	(3,782)	
2028	0	311	481	4,098	0	4,890	1,339	1,629	0	2,968	(1,922)	(5,085)	
2029	0	287	433	5,064	0	5,785	1,723	2,060	0	3,783	(2,002)	(6,340)	
2030	0	265	390	6,196	0	6,851	1,881	2,445	0	4,325	(2,526)	(7,804)	
2031	0	245	351	7,162	0	7,757	2,072	2,788	0	4,860	(2,897)	(9,358)	
2032	0	226	316	8,097	0	8,639	2,377	3,093	0	5,470	(3,169)	(10,931)	
2033	0	208	284	8,928	0	9,421	2,647	3,364	0	6,011	(3,410)	(12,496)	
2034	0	192	256	9,729	0	10,176	2,922	3,601	0	6,523	(3,653)	(14,048)	
2035	0	0	0	10,274	0	10,274	8,601	3,800	0	12,402	2,127	(13,212)	
2036	0	0	0	10,501	0	10,501	8,450	3,704	0	12,154	1,653	(12,611)	
2037	0	0	0	10,733	0	10,733	8,345	3,608	0	11,953	1,221	(12,200)	
2038	0	0	0	11,003	0	11,003	8,404	3,515	0	11,919	916	(11,916)	
2039	0	0	0	11,288	0	11,288	8,504	3,423	0	11,927	639	(11,752)	
2040	0	0	0	11,522	0	11,522	8,474	3,332	0	11,806	284	(11,656)	
2041	0	0	0	11,762	0	11,762	8,340	3,242	0	11,582	(180)	(11,700)	
2042	0	0	0	11,998	0	11,998	8,292	3,157	0	11,448	(549)	(11,825)	
2043	0	0	0	12,232	0	12,232	8,390	3,076	0	11,466	(766)	(11,987)	
2044	0	0	0	12,529	0	12,529	8,363	2,999	0	11,362	(1,168)	(12,215)	
2045	0	650	660	12,858	0	14,168	8,580	2,926	0	11,506	(2,662)	(12,695)	
2046	0	600	594	13,136	0	14,330	8,475	2,857	0	11,332	(2,997)	(13,195)	
2047	0	553	535	13,410	0	14,498	8,469	2,792	0	11,261	(3,237)	(13,695)	
2048	0	510	481	13,653	0	14,645	8,693	2,731	0	11,424	(3,220)	(14,155)	
2049	0	471	433	13,923	0	14,827	8,639	2,674	0	11,313	(3,514)	(14,619)	
2050	0	434	390	14,182	0	15,006	8,693	2,621	0	11,314	(3,692)	(15,070)	
2051	0	401	351	14,385	0	15,136	8,624	2,571	0	11,195	(3,942)	(15,516)	
2052	0	370	316	14,689	0	15,374	8,510	2,522	0	11,032	(4,342)	(15,970)	
2053	0	341	284	14,919	0	15,544	8,285	2,474	0	10,759	(4,785)	(16,433)	
2054	0	315	256	15,152	0	15,723	8,224	2,427	0	10,651	(5,071)	(16,887)	
2055	0	0	0	15,388	0	15,388	7,857	2,381	0	10,239	(5,150)	(17,314)	
2056	0	0	0	15,627	0	15,627	7,848	2,336	0	10,184	(5,443)	(17,731)	
2057	0	0	0	15,869	0	15,869	7,839	2,292	0	10,131	(5,738)	(18,138)	
2058	0	0	0	16,114	0	16,114	7,633	2,247	0	9,880	(6,234)	(18,546)	
2059	0	0	0	16,362	0	16,362	7,659	2,203	0	9,863	(6,499)	(18,941)	
2060	0	0	0	16,613	0	16,613	7,547	2,160	0	9,707	(6,906)	(19,328)	
2061	0	0	0	16,867	0	16,867	7,471	2,117	0	9,587	(7,279)	(19,706)	
2062	0	0	0	17,124	0	17,124	7,678	2,075	0	9,753	(7,370)	(20,060)	
2063	0	0	0	17,452	0	17,452	7,626	2,034	0	9,661	(7,791)	(20,406)	
2064	0	0	0	17,784	0	17,784	7,180	1,996	0	9,176	(8,609)	(20,760)	
2065	0	1,065	660	18,117	0	19,842	7,395	1,958	0	9,354	(10,488)	(21,159)	
2066	0	983	594	18,447	0	20,024	7,280	1,922	0	9,202	(10,821)	(21,539)	
2067	0	907	535	18,778	0	20,220	7,435	1,888	0	9,323	(10,896)	(21,894)	
2068	0	836	481	19,112	0	20,430	6,666	1,855	0	8,522	(11,908)	(22,252)	
2069	0	772	433	19,451	0	20,656	6,646	1,823	0	8,469	(12,186)	(22,592)	
2070	0	712	390	19,793	0	20,895	6,409	1,726	0	8,135	(12,760)	(22,921)	
2071	0	657	351	20,140	0	21,147	6,335	1,629	0	7,964	(13,183)	(23,235)	
2072	0	606	316	20,496	0	21,417	6,262	1,543	0	7,805	(13,612)	(23,535)	
2073	0	559	284	20,855	0	21,698	6,189	1,467	0	7,657	(14,041)	(23,821)	
2074	0	515	256	21,222	0	21,993	6,145	1,401	0	7,546	(14,447)	(24,094)	
2075	0	0	0	21,597	0	21,597	6,103	1,343	0	7,446	(14,152)	(24,341)	
2076	0	0	0	21,982	0	21,982	6,076	1,271	0	7,347	(14,635)	(24,577)	
2077	0	0	0	22,376	0	22,376	6,050	1,210	0	7,260	(15,116)	(24,803)	
2078	0	0	0	22,781	0	22,781	6,025	1,159	0	7,184	(15,596)	(25,019)	
2079	0	0	0	23,195	0	23,195	6,002	1,117	0	7,119	(16,076)	(25,224)	
2080	0	0	0	23,621	0	23,621	5,979	1,115	0	7,094	(16,527)	(25,420)	
2081	0	0	0	24,059	0	24,059	5,958	1,121	0	7,080	(16,979)	(25,606)	
2082	0	0	0	24,508	0	24,508	5,938	1,130	0	7,069	(17,440)	(25,782)	
NOM	0	15,091	12,896	854,615	0	882,602	377,343.08	129,711.67	0.00	9.15	507,064	(375,538)	
NPV	0	2,698	3,557	97,326	0	103,580	51,337	26,460	0	2	77,798	(25,782)	

Discount Rate : 8.10 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.75

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.15 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.19 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	705.59 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2028
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.300
(2) TRC TEST	1.448
(3) PARTICIPANT TEST	12.25

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	91	263	0	354	20	0	66	0	66	
2026	93	263	0	356	64	0	68	0	68	
2027	96	263	0	358	111	0	69	0	69	
2028	0	0	0	0	135	0	0	0	0	
2029	0	0	0	0	136	0	0	0	0	
2030	0	0	0	0	143	0	0	0	0	
2031	0	0	0	0	147	0	0	0	0	
2032	0	0	0	0	151	0	0	0	0	
2033	0	0	0	0	153	0	0	0	0	
2034	0	0	0	0	156	0	0	0	0	
2035	0	0	0	0	160	0	0	0	0	
2036	0	0	0	0	164	0	0	0	0	
2037	0	0	0	0	167	0	0	0	0	
2038	0	0	0	0	171	0	0	0	0	
2039	0	0	0	0	176	0	0	0	0	
2040	0	0	0	0	179	0	0	0	0	
2041	0	0	0	0	183	0	0	0	0	
2042	0	0	0	0	187	0	0	0	0	
2043	142	263	0	405	191	0	103	0	103	
2044	145	263	0	408	195	0	106	0	106	
2045	149	263	0	412	200	0	108	0	108	
2046	0	0	0	0	205	0	0	0	0	
2047	0	0	0	0	209	0	0	0	0	
2048	0	0	0	0	213	0	0	0	0	
2049	0	0	0	0	217	0	0	0	0	
2050	0	0	0	0	221	0	0	0	0	
2051	0	0	0	0	224	0	0	0	0	
2052	0	0	0	0	229	0	0	0	0	
2053	0	0	0	0	232	0	0	0	0	
2054	0	0	0	0	236	0	0	0	0	
2055	0	0	0	0	240	0	0	0	0	
2056	0	0	0	0	243	0	0	0	0	
2057	0	0	0	0	247	0	0	0	0	
2058	0	0	0	0	251	0	0	0	0	
2059	0	0	0	0	255	0	0	0	0	
2060	0	0	0	0	259	0	0	0	0	
2061	221	263	0	484	263	0	161	0	161	
2062	227	263	0	490	267	0	165	0	165	
2063	232	263	0	495	272	0	169	0	169	
2064	0	0	0	0	277	0	0	0	0	
2065	0	0	0	0	282	0	0	0	0	
2066	0	0	0	0	287	0	0	0	0	
2067	0	0	0	0	293	0	0	0	0	
2068	0	0	0	0	298	0	0	0	0	
2069	0	0	0	0	303	0	0	0	0	
2070	0	0	0	0	308	0	0	0	0	
2071	0	0	0	0	314	0	0	0	0	
2072	0	0	0	0	319	0	0	0	0	
2073	0	0	0	0	325	0	0	0	0	
2074	0	0	0	0	331	0	0	0	0	
2075	0	0	0	0	336	0	0	0	0	
2076	0	0	0	0	342	0	0	0	0	
2077	0	0	0	0	349	0	0	0	0	
2078	0	0	0	0	355	0	0	0	0	
2079	345	263	0	608	361	0	250	0	250	
2080	354	263	0	617	368	0	257	0	257	
2081	363	263	0	625	375	0	263	0	263	
2082	0	0	0	0	382	0	0	0	0	
NOM	2,458	3,154	0	5,612	13,678	0	1,784	0	1,784	
NPV	352	827	0	1,179	1,751	0	256	0	256	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

YEAR	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	337	5	0	21	4	6	0	7	4	0	46	46	46	336
2036	327	5	0	21	8	6	0	7	(1)	0	45	42	88	329
2037	316	4	0	20	11	5	0	7	(4)	0	44	38	125	322
2038	306	4	0	19	14	5	0	7	(7)	0	43	34	159	315
2039	296	4	0	19	17	5	0	7	(10)	0	42	31	190	309
2040	287	4	0	18	20	5	0	7	(13)	0	41	28	217	302
2041	278	4	0	18	22	5	0	7	(15)	0	40	25	242	295
2042	269	4	0	17	24	5	0	7	(17)	0	39	22	264	289
2043	260	4	0	16	25	5	0	7	(19)	0	38	20	285	282
2044	251	4	0	16	27	5	0	7	(21)	0	37	18	303	275
2045	243	3	0	15	29	5	0	7	(23)	0	36	16	319	268
2046	234	3	0	15	31	4	0	7	(25)	0	35	15	334	262
2047	225	3	0	14	33	4	0	7	(27)	0	34	13	347	255
2048	217	3	0	14	34	4	0	7	(29)	0	33	12	359	248
2049	208	3	0	13	36	4	0	7	(31)	0	32	11	370	242
2050	199	3	0	13	38	4	0	7	(33)	0	31	10	379	235
2051	190	3	0	12	40	4	0	7	(35)	0	30	9	388	228
2052	182	3	0	11	42	4	0	7	(37)	0	29	8	395	221
2053	173	2	0	11	43	4	0	7	(39)	0	28	7	402	215
2054	164	2	0	10	45	4	0	7	(41)	0	27	6	408	208
2055	157	2	0	10	45	3	0	7	(42)	0	26	5	414	201
2056	150	2	0	10	44	3	0	7	(40)	0	25	5	419	195
2057	145	2	0	9	42	3	0	7	(39)	0	25	4	423	188
2058	140	2	0	9	41	3	0	7	(37)	0	24	4	427	181
2059	135	2	0	9	39	3	0	7	(36)	0	23	4	431	174
2060	129	2	0	8	38	3	0	7	(34)	0	23	3	434	168
2061	124	2	0	8	36	3	0	7	(33)	0	22	3	437	161
2062	119	2	0	8	34	3	0	7	(32)	0	21	3	440	154
2063	113	2	0	7	33	2	0	7	(30)	0	21	2	442	148
2064	108	2	0	7	31	2	0	7	(29)	0	20	2	444	141
2065	103	1	0	7	30	2	0	7	(27)	0	20	2	446	134
2066	98	1	0	6	28	2	0	7	(26)	0	19	2	448	128
2067	92	1	0	6	27	2	0	7	(24)	0	18	2	449	121
2068	87	1	0	6	25	2	0	7	(23)	0	18	1	451	114
2069	82	1	0	5	24	2	0	7	(22)	0	17	1	452	107
2070	77	1	0	5	22	2	0	7	(20)	0	16	1	453	101
2071	71	1	0	5	21	2	0	7	(19)	0	16	1	454	94
2072	66	1	0	4	19	1	0	7	(17)	0	15	1	455	87
2073	61	1	0	4	17	1	0	7	(16)	0	14	1	455	81
2074	55	1	0	4	16	1	0	7	(14)	0	14	1	456	74
2075	50	1	0	3	14	1	0	7	(13)	0	13	1	457	67
2076	45	1	0	3	13	1	0	7	(11)	0	13	1	457	67
2077	40	1	0	3	11	1	0	7	(10)	0	12	0	458	67
2078	34	0	0	2	10	1	0	7	(9)	0	12	0	458	67
2079	29	0	0	2	8	1	0	7	(7)	0	11	0	458	67
2080	24	0	0	2	7	1	0	7	(6)	0	11	0	459	67
2081	18	0	0	1	5	1	0	7	(4)	0	10	0	459	67
2082	13	0	0	1	4	1	0	7	(3)	0	10	0	459	67
2083	8	0	0	1	2	1	0	7	(1)	0	9	0	460	67
2084	3	0	0	0	0	1	0	7	0	0	8	0	460	67

IN SERVICE COST (\$000)	336
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Rente

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	11	11	7	7	7	7	4	53	0	0	0	4	9
2036	7.22%	22	33	7	13	7	13	(1)	53	0	0	0	(1)	8
2037	6.68%	20	53	7	20	7	20	(4)	53	0	0	0	(4)	4
2038	6.18%	19	72	7	27	7	27	(7)	53	0	0	0	(7)	4
2039	5.71%	17	89	7	34	7	34	(10)	53	0	0	0	(10)	(14)
2040	5.29%	16	105	7	40	7	40	(13)	53	0	0	0	(13)	(27)
2041	4.89%	15	120	7	47	7	47	(15)	53	0	0	0	(15)	(42)
2042	4.52%	14	134	7	54	7	54	(17)	53	0	0	0	(17)	(60)
2043	4.46%	14	147	7	60	7	60	(19)	53	0	0	0	(19)	(79)
2044	4.46%	14	161	7	67	7	67	(21)	53	0	0	0	(21)	(101)
2045	4.46%	14	174	7	74	7	74	(23)	53	0	0	0	(23)	(124)
2046	4.46%	14	188	7	81	7	81	(25)	53	0	0	0	(25)	(149)
2047	4.46%	14	202	7	87	7	87	(27)	53	0	0	0	(27)	(177)
2048	4.46%	14	215	7	94	7	94	(29)	53	0	0	0	(29)	(206)
2049	4.46%	14	229	7	101	7	101	(31)	53	0	0	0	(31)	(238)
2050	4.46%	14	242	7	107	7	107	(33)	53	0	0	0	(33)	(271)
2051	4.46%	14	256	7	114	7	114	(35)	53	0	0	0	(35)	(306)
2052	4.46%	14	269	7	121	7	121	(37)	53	0	0	0	(37)	(344)
2053	4.46%	14	283	7	128	7	128	(39)	53	0	0	0	(39)	(383)
2054	4.46%	14	296	7	134	7	134	(41)	53	0	0	0	(41)	(424)
2055	2.23%	7	303	7	141	7	141	(42)	53	0	0	0	(42)	(466)
2056	0.00%	0	303	7	148	7	148	(40)	53	0	0	0	(40)	(506)
2057	0.00%	0	303	7	154	7	154	(39)	53	0	0	0	(39)	(545)
2058	0.00%	0	303	7	161	7	161	(37)	53	0	0	0	(37)	(582)
2059	0.00%	0	303	7	168	7	168	(36)	53	0	0	0	(36)	(618)
2060	0.00%	0	303	7	174	7	174	(34)	53	0	0	0	(34)	(652)
2061	0.00%	0	303	7	181	7	181	(33)	53	0	0	0	(33)	(685)
2062	0.00%	0	303	7	188	7	188	(32)	53	0	0	0	(32)	(717)
2063	0.00%	0	303	7	195	7	195	(30)	53	0	0	0	(30)	(747)
2064	0.00%	0	303	7	201	7	201	(29)	53	0	0	0	(29)	(776)
2065	0.00%	0	303	7	208	7	208	(27)	53	0	0	0	(27)	(803)
2066	0.00%	0	303	7	215	7	215	(26)	53	0	0	0	(26)	(829)
2067	0.00%	0	303	7	221	7	221	(24)	53	0	0	0	(24)	(853)
2068	0.00%	0	303	7	228	7	228	(23)	53	0	0	0	(23)	(876)
2069	0.00%	0	303	7	235	7	235	(22)	53	0	0	0	(22)	(898)
2070	0.00%	0	303	7	242	7	242	(20)	53	0	0	0	(20)	(918)
2071	0.00%	0	303	7	248	7	248	(19)	53	0	0	0	(19)	(936)
2072	0.00%	0	303	7	255	7	255	(17)	53	0	0	0	(17)	(953)
2073	0.00%	0	303	7	262	7	262	(16)	53	0	0	0	(16)	(969)
2074	0.00%	0	303	7	268	7	268	(14)	53	0	0	0	(14)	(984)
2075	0.00%	0	303	7	275	7	275	(13)	53	0	0	0	(13)	(997)
2076	0.00%	0	303	7	282	7	282	(11)	53	0	0	0	(11)	(1,008)
2077	0.00%	0	303	7	289	7	289	(10)	53	0	0	0	(10)	(1,018)
2078	0.00%	0	303	7	295	7	295	(9)	53	0	0	0	(9)	(1,027)
2079	0.00%	0	303	7	302	7	302	(7)	53	0	0	0	(7)	(1,034)
2080	0.00%	0	303	7	309	7	309	(6)	53	0	0	0	(6)	(1,040)
2081	0.00%	0	303	7	315	7	315	(4)	53	0	0	0	(4)	(1,044)
2082	0.00%	0	303	7	322	7	322	(3)	53	0	0	0	(3)	(1,047)
2083	0.00%	0	303	7	329	7	329	(1)	53	0	0	0	(1)	(1,048)
2084	0.00%	0	303	7	336	7	336	0	53	0	0	0	0	(1,048)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	5
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	53
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

(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)
2035	3.75%	11	4	329	7	9	341	332	337
2036	7.22%	22	(1)	322	13	8	332	322	327
2037	6.68%	20	(4)	315	20	4	322	311	316
2038	6.18%	19	(7)	309	27	(4)	311	301	306
2039	5.71%	17	(10)	302	34	(14)	301	292	296
2040	5.29%	16	(13)	295	40	(27)	292	282	287
2041	4.89%	15	(15)	289	47	(42)	282	273	278
2042	4.52%	14	(17)	282	54	(60)	273	264	269
2043	4.46%	14	(19)	275	60	(79)	264	256	260
2044	4.46%	14	(21)	268	67	(101)	256	247	251
2045	4.46%	14	(23)	262	74	(124)	247	238	243
2046	4.46%	14	(25)	255	81	(149)	238	230	234
2047	4.46%	14	(27)	248	87	(177)	230	221	225
2048	4.46%	14	(29)	242	94	(206)	221	212	217
2049	4.46%	14	(31)	235	101	(238)	212	204	208
2050	4.46%	14	(33)	228	107	(271)	204	195	199
2051	4.46%	14	(35)	221	114	(306)	195	186	190
2052	4.46%	14	(37)	215	121	(344)	186	177	182
2053	4.46%	14	(39)	208	128	(383)	177	169	173
2054	4.46%	14	(41)	201	134	(424)	169	160	164
2055	2.23%	7	(42)	195	141	(466)	160	153	157
2056	0.00%	0	(40)	188	148	(506)	153	148	150
2057	0.00%	0	(39)	181	154	(545)	148	142	145
2058	0.00%	0	(37)	174	161	(582)	142	137	140
2059	0.00%	0	(36)	168	168	(618)	137	132	135
2060	0.00%	0	(34)	161	174	(652)	132	127	129
2061	0.00%	0	(33)	154	181	(685)	127	121	124
2062	0.00%	0	(32)	148	188	(717)	121	116	119
2063	0.00%	0	(30)	141	195	(747)	116	111	113
2064	0.00%	0	(29)	134	201	(776)	111	106	108
2065	0.00%	0	(27)	128	208	(803)	106	100	103
2066	0.00%	0	(26)	121	215	(829)	100	95	98
2067	0.00%	0	(24)	114	221	(853)	95	90	92
2068	0.00%	0	(23)	107	228	(876)	90	84	87
2069	0.00%	0	(22)	101	235	(898)	84	79	82
2070	0.00%	0	(20)	94	242	(918)	79	74	77
2071	0.00%	0	(19)	87	248	(936)	74	69	71
2072	0.00%	0	(17)	81	255	(953)	69	63	66
2073	0.00%	0	(16)	74	262	(969)	63	58	61
2074	0.00%	0	(14)	67	268	(984)	58	53	55
2075	0.00%	0	(13)	60	275	(997)	53	47	50
2076	0.00%	0	(11)	54	282	(1,008)	47	42	45
2077	0.00%	0	(10)	47	289	(1,018)	42	37	40
2078	0.00%	0	(9)	40	295	(1,027)	37	32	34
2079	0.00%	0	(7)	34	302	(1,034)	32	26	29
2080	0.00%	0	(6)	27	309	(1,040)	26	21	24
2081	0.00%	0	(4)	20	315	(1,044)	21	16	18
2082	0.00%	0	(3)	13	322	(1,047)	16	11	13
2083	0.00%	0	(1)	7	329	(1,048)	11	5	8
2084	0.00%	0	0	0	336	(1,048)	5	0	3

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(8) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	268	268	268
EQUITY AFUDC	53		
DEBT AFUDC	15	15	
CPI			35
IIC Basis Reduction (Solar)			
TOTAL	336	283	303

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	500	500	2.97	3.12	3.29	0.00	1.00	1.00
2026	1,000	1,000	3.41	3.56	3.84	0.00	1.00	1.00
2027	1,500	1,500	3.37	3.52	3.82	0.00	1.00	1.00
2028	1,500	1,500	3.51	3.61	3.92	0.00	1.00	1.00
2029	1,500	1,500	3.59	3.67	4.11	0.00	1.00	1.00
2030	1,500	1,500	3.29	3.31	3.79	0.00	1.00	1.00
2031	1,500	1,500	3.07	2.98	3.61	0.00	1.00	1.00
2032	1,500	1,500	2.95	2.84	3.54	0.00	1.00	1.00
2033	1,500	1,500	3.33	3.26	3.79	6.88	1.00	1.00
2034	1,500	1,500	3.53	3.48	4.04	6.98	1.00	1.00
2035	1,500	1,500	3.86	3.85	4.42	7.13	1.00	1.00
2036	1,500	1,500	4.00	3.98	4.51	6.98	1.00	1.00
2037	1,500	1,500	4.20	4.20	4.70	7.15	1.00	1.00
2038	1,500	1,500	4.53	4.58	5.05	7.22	1.00	1.00
2039	1,500	1,500	4.72	4.74	5.21	7.16	1.00	1.00
2040	1,500	1,500	5.06	5.08	5.54	7.38	1.00	1.00
2041	1,500	1,500	5.39	5.38	5.81	7.51	1.00	1.00
2042	1,500	1,500	5.49	5.51	5.93	7.59	1.00	1.00
2043	1,500	1,500	5.72	5.74	6.18	7.82	1.00	1.00
2044	1,500	1,500	6.11	6.16	6.61	8.08	1.00	1.00
2045	1,500	1,500	6.50	6.55	7.02	8.49	1.00	1.00
2046	1,500	1,500	6.71	6.77	7.26	8.36	1.00	1.00
2047	1,500	1,500	7.07	7.12	7.61	8.85	1.00	1.00
2048	1,500	1,500	7.41	7.46	7.99	9.24	1.00	1.00
2049	1,500	1,500	7.89	7.96	8.49	9.55	1.00	1.00
2050	1,500	1,500	8.54	8.64	9.23	10.09	1.00	1.00
2051	1,500	1,500	8.49	8.58	9.13	10.16	1.00	1.00
2052	1,500	1,500	8.54	8.63	9.14	10.08	1.00	1.00
2053	1,500	1,500	8.58	8.67	9.22	10.06	1.00	1.00
2054	1,500	1,500	8.61	8.71	9.19	9.85	1.00	1.00
2055	1,500	1,500	8.57	8.64	9.11	9.91	1.00	1.00
2056	1,500	1,500	8.54	8.64	9.08	9.73	1.00	1.00
2057	1,500	1,500	8.59	8.71	9.21	9.80	1.00	1.00
2058	1,500	1,500	8.51	8.59	9.03	9.59	1.00	1.00
2059	1,500	1,500	8.55	8.64	9.10	9.63	1.00	1.00
2060	1,500	1,500	8.59	8.70	9.13	9.54	1.00	1.00
2061	1,500	1,500	8.43	8.54	8.97	9.45	1.00	1.00
2062	1,500	1,500	8.42	8.52	8.97	9.27	1.00	1.00
2063	1,500	1,500	8.49	8.64	9.15	9.73	1.00	1.00
2064	1,500	1,500	8.47	8.60	9.03	9.62	1.00	1.00
2065	1,500	1,500	8.37	8.49	8.92	9.50	1.00	1.00
2066	1,500	1,500	8.32	8.44	8.92	9.49	1.00	1.00
2067	1,500	1,500	8.33	8.47	8.92	9.47	1.00	1.00
2068	1,500	1,500	8.39	8.52	8.62	9.42	1.00	1.00
2069	1,500	1,500	8.39	8.52	8.62	9.50	1.00	1.00
2070	1,500	1,500	8.39	8.52	8.62	9.30	1.00	1.00
2071	1,500	1,500	8.39	8.52	8.62	9.26	1.00	1.00
2072	1,500	1,500	8.39	8.52	8.62	9.22	1.00	1.00
2073	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2074	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2075	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2076	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2077	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2078	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2079	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2080	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2081	1,500	1,500	8.39	8.52	8.62	9.18	1.00	1.00
2082	1,500	1,500	8.39	8.52	8.62	9.18	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: 2025 DSM Plan - Residential Low Income Renter Pilot

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	46	4	0	104	114	41
2036	45	5	0	110	120	39
2037	44	5	0	114	125	38
2038	43	5	0	120	132	36
2039	42	5	0	125	136	36
2040	41	5	0	130	142	34
2041	40	5	0	139	152	32
2042	39	5	0	139	151	31
2043	38	5	0	143	156	30
2044	37	6	0	151	165	28
2045	36	6	0	161	176	27
2046	35	6	0	162	177	26
2047	34	6	0	171	187	24
2048	33	6	0	177	193	23
2049	32	6	0	187	205	20
2050	31	6	0	198	219	17
2051	30	7	0	200	220	17
2052	29	7	0	196	216	16
2053	28	7	0	199	221	13
2054	27	7	0	197	218	13
2055	26	7	0	197	220	11
2056	25	8	0	193	216	11
2057	25	8	0	197	220	10
2058	24	8	0	195	217	10
2059	23	8	0	193	216	10
2060	23	8	0	191	214	9
2061	22	9	0	187	209	9
2062	21	9	0	188	208	11
2063	21	9	0	197	218	9
2064	20	9	0	195	218	6
2065	20	9	1	192	213	9
2066	19	10	1	191	213	8
2067	18	10	1	192	212	9
2068	18	10	1	191	211	8
2069	17	10	1	193	213	8
2070	16	11	1	187	208	6
2071	16	11	1	185	207	5
2072	15	11	1	184	207	5
2073	14	11	1	183	206	4
2074	14	12	1	183	206	4
2075	13	12	1	183	206	3
2076	13	12	1	183	206	3
2077	12	13	1	183	206	3
2078	12	13	1	183	206	3
2079	11	13	1	183	206	3
2080	11	14	1	183	206	2
2081	10	14	1	183	206	2
2082	10	14	1	183	206	2
NOM	1,213	408	21	8,403	9,321	724
NPV	180.47	31.40	2	777	854	136

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential Low Income Renter Pilot

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	6
2026	7	1	8	2	1	3	19	0
2027	14	1	15	4	1	5	32	0
2028	21	1	22	6	1	7	39	0
2029	20	1	22	6	1	7	39	0
2030	20	1	21	6	1	7	35	0
2031	19	1	20	6	1	7	31	0
2032	19	1	20	6	1	7	30	0
2033	18	1	19	6	1	7	34	0
2034	17	1	19	5	1	7	37	0
2035	17	1	18	5	1	7	41	0
2036	16	1	18	5	1	6	42	0
2037	16	1	17	5	1	6	44	0
2038	15	1	17	5	1	6	49	0
2039	15	1	16	5	1	6	50	0
2040	14	1	16	5	1	6	54	0
2041	14	2	15	4	2	6	57	0
2042	13	2	15	4	2	6	58	0
2043	13	2	14	4	2	6	61	0
2044	12	2	14	4	2	6	65	0
2045	12	2	14	4	2	6	69	0
2046	12	2	13	4	2	5	72	0
2047	11	2	13	4	2	5	76	0
2048	11	2	13	4	2	5	79	0
2049	11	2	13	3	2	5	84	0
2050	10	2	12	3	2	5	92	0
2051	10	2	12	3	2	5	91	0
2052	10	2	12	3	2	5	92	0
2053	9	2	11	3	2	5	92	0
2054	9	2	11	3	2	5	92	0
2055	9	2	11	3	2	5	92	0
2056	8	2	11	3	2	5	92	0
2057	8	2	10	3	2	5	93	0
2058	8	2	10	3	2	5	91	0
2059	7	2	10	3	2	5	92	0
2060	7	2	9	2	2	5	92	0
2061	7	2	9	2	2	5	91	0
2062	6	3	9	2	3	5	90	0
2063	6	3	9	2	3	5	92	0
2064	6	3	9	2	3	5	91	0
2065	6	3	8	2	3	5	90	0
2066	5	3	8	2	3	5	90	0
2067	5	3	8	2	3	5	90	0
2068	5	3	8	2	3	5	91	0
2069	5	3	8	2	3	5	91	0
2070	3	3	6	2	3	5	91	0
2071	2	3	5	2	3	5	91	0
2072	0	3	3	2	3	5	91	0
2073	(0)	3	3	1	3	5	91	0
2074	(0)	3	3	1	3	5	91	0
2075	(0)	3	3	1	4	5	91	0
2076	(0)	4	4	1	4	4	91	0
2077	(0)	4	4	0	4	4	91	0
2078	0	4	4	0	4	4	91	0
2079	0	4	4	0	4	4	91	0
2080	0	4	4	0	4	4	91	0
2081	0	4	4	0	4	4	91	0
2082	0	4	4	0	4	4	91	0
NOM	509	127.50	636	173	128	301	4,208	0
NPV	151	15	166	47	15	62	516	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
2049	0	0	0	0	0
2050	0	0	0	0	0
2051	0	0	0	0	0
2052	0	0	0	0	0
2053	0	0	0	0	0
2054	0	0	0	0	0
2055	0	0	0	0	0
2056	0	0	0	0	0
2057	0	0	0	0	0
2058	0	0	0	0	0
2059	0	0	0	0	0
2060	0	0	0	0	0
2061	0	0	0	0	0
2062	0	0	0	0	0
2063	0	0	0	0	0
2064	0	0	0	0	0
2065	0	0	0	0	0
2066	0	0	0	0	0
2067	0	0	0	0	0
2068	0	0	0	0	0
2069	0	0	0	0	0
2070	0	0	0	0	0
2071	0	0	0	0	0
2072	0	0	0	0	0
2073	0	0	0	0	0
2074	0	0	0	0	0
2075	0	0	0	0	0
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
NOM	0	0	0	0	0
NPV	0	0	0	0	0

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	91	66	0	157	0	0	6	0	6	(151)	(130)
2026	0	93	68	0	161	0	10	19	0	29	(132)	(234)
2027	0	96	69	0	165	0	20	32	0	52	(113)	(317)
2028	0	0	0	0	0	0	30	39	0	68	68	(271)
2029	0	0	0	0	0	0	29	39	0	68	68	(228)
2030	0	0	0	0	0	0	28	35	0	63	63	(191)
2031	0	0	0	0	0	0	27	31	0	59	59	(160)
2032	0	0	0	0	0	0	27	30	0	56	56	(132)
2033	0	0	0	0	0	0	26	34	0	60	60	(104)
2034	0	0	0	0	0	0	25	37	0	62	62	(78)
2035	0	0	0	0	0	41	25	41	0	106	106	(36)
2036	0	0	0	0	0	39	24	42	0	105	105	3
2037	0	0	0	0	0	38	24	44	0	106	106	38
2038	0	0	0	0	0	36	23	49	0	108	108	72
2039	0	0	0	0	0	36	22	50	0	109	109	103
2040	0	0	0	0	0	34	22	54	0	110	110	132
2041	0	0	0	0	0	32	21	57	0	110	110	159
2042	0	0	0	0	0	31	20	58	0	110	110	184
2043	0	142	103	0	245	30	20	61	0	111	(134)	156
2044	0	145	106	0	251	28	20	65	0	113	(138)	129
2045	0	149	108	0	257	27	19	69	0	116	(141)	104
2046	0	0	0	0	0	26	19	72	0	116	116	123
2047	0	0	0	0	0	24	18	76	0	118	118	141
2048	0	0	0	0	0	23	18	79	0	120	120	159
2049	0	0	0	0	0	20	18	84	0	123	123	175
2050	0	0	0	0	0	17	17	92	0	126	126	190
2051	0	0	0	0	0	17	17	91	0	125	125	204
2052	0	0	0	0	0	16	17	92	0	124	124	217
2053	0	0	0	0	0	13	17	92	0	122	122	229
2054	0	0	0	0	0	13	16	92	0	122	122	240
2055	0	0	0	0	0	11	16	92	0	119	119	250
2056	0	0	0	0	0	11	16	92	0	118	118	259
2057	0	0	0	0	0	10	15	93	0	118	118	267
2058	0	0	0	0	0	10	15	91	0	116	116	275
2059	0	0	0	0	0	10	15	92	0	116	116	282
2060	0	0	0	0	0	9	14	92	0	116	116	288
2061	0	221	161	0	382	9	14	91	0	114	(268)	275
2062	0	227	165	0	391	11	14	90	0	115	(276)	261
2063	0	232	169	0	401	9	14	92	0	115	(286)	249
2064	0	0	0	0	0	6	13	91	0	111	111	253
2065	0	0	0	0	0	9	13	90	0	112	112	257
2066	0	0	0	0	0	8	13	90	0	110	110	261
2067	0	0	0	0	0	9	13	90	0	111	111	265
2068	0	0	0	0	0	8	12	91	0	111	111	268
2069	0	0	0	0	0	8	12	91	0	111	111	271
2070	0	0	0	0	0	6	11	91	0	107	107	274
2071	0	0	0	0	0	5	10	91	0	105	105	277
2072	0	0	0	0	0	5	8	91	0	103	103	279
2073	0	0	0	0	0	4	8	91	0	103	103	281
2074	0	0	0	0	0	4	8	91	0	103	103	283
2075	0	0	0	0	0	3	8	91	0	102	102	285
2076	0	0	0	0	0	3	8	91	0	102	102	286
2077	0	0	0	0	0	3	8	91	0	101	101	288
2078	0	0	0	0	0	3	8	91	0	101	101	289
2079	0	345	250	0	596	3	8	91	0	101	(495)	283
2080	0	354	257	0	610	2	8	91	0	101	(509)	277
2081	0	363	263	0	626	2	8	91	0	101	(525)	271
2082	0	0	0	0	0	2	8	91	0	101	101	272
NOM	0	2,458	1,784	0	4,242	724.44	937	4,208	0	5,869	1,628	
NPV	0	352	256	0	608	136	228	516	0	879.76	272	

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

8.10 %
 1.45

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	26	0	263	0	289	66	0	0	66	223	191
2026	85	0	263	0	348	68	0	0	68	280	412
2027	147	0	263	0	409	69	0	0	69	340	661
2028	178	0	0	0	178	0	0	0	0	178	782
2029	179	0	0	0	179	0	0	0	0	179	894
2030	188	0	0	0	188	0	0	0	0	188	1,004
2031	193	0	0	0	193	0	0	0	0	193	1,107
2032	198	0	0	0	198	0	0	0	0	198	1,206
2033	202	0	0	0	202	0	0	0	0	202	1,298
2034	206	0	0	0	206	0	0	0	0	206	1,386
2035	211	0	0	0	211	0	0	0	0	211	1,468
2036	215	0	0	0	215	0	0	0	0	215	1,547
2037	220	0	0	0	220	0	0	0	0	220	1,621
2038	226	0	0	0	226	0	0	0	0	226	1,691
2039	231	0	0	0	231	0	0	0	0	231	1,757
2040	236	0	0	0	236	0	0	0	0	236	1,820
2041	241	0	0	0	241	0	0	0	0	241	1,880
2042	246	0	0	0	246	0	0	0	0	246	1,936
2043	251	0	263	0	514	103	0	0	103	411	2,022
2044	257	0	263	0	520	106	0	0	106	414	2,103
2045	264	0	263	0	526	108	0	0	108	418	2,178
2046	269	0	0	0	269	0	0	0	0	269	2,223
2047	275	0	0	0	275	0	0	0	0	275	2,266
2048	280	0	0	0	280	0	0	0	0	280	2,306
2049	285	0	0	0	285	0	0	0	0	285	2,343
2050	291	0	0	0	291	0	0	0	0	291	2,379
2051	295	0	0	0	295	0	0	0	0	295	2,412
2052	301	0	0	0	301	0	0	0	0	301	2,444
2053	306	0	0	0	306	0	0	0	0	306	2,473
2054	311	0	0	0	311	0	0	0	0	311	2,501
2055	315	0	0	0	315	0	0	0	0	315	2,527
2056	320	0	0	0	320	0	0	0	0	320	2,552
2057	325	0	0	0	325	0	0	0	0	325	2,575
2058	330	0	0	0	330	0	0	0	0	330	2,596
2059	335	0	0	0	335	0	0	0	0	335	2,617
2060	341	0	0	0	341	0	0	0	0	341	2,636
2061	346	0	263	0	609	161	0	0	161	448	2,659
2062	351	0	263	0	614	165	0	0	165	449	2,681
2063	358	0	263	0	621	169	0	0	169	452	2,701
2064	365	0	0	0	365	0	0	0	0	365	2,716
2065	371	0	0	0	371	0	0	0	0	371	2,730
2066	378	0	0	0	378	0	0	0	0	378	2,743
2067	385	0	0	0	385	0	0	0	0	385	2,756
2068	392	0	0	0	392	0	0	0	0	392	2,768
2069	399	0	0	0	399	0	0	0	0	399	2,779
2070	406	0	0	0	406	0	0	0	0	406	2,789
2071	413	0	0	0	413	0	0	0	0	413	2,799
2072	420	0	0	0	420	0	0	0	0	420	2,808
2073	427	0	0	0	427	0	0	0	0	427	2,817
2074	435	0	0	0	435	0	0	0	0	435	2,825
2075	443	0	0	0	443	0	0	0	0	443	2,833
2076	451	0	0	0	451	0	0	0	0	451	2,840
2077	459	0	0	0	459	0	0	0	0	459	2,847
2078	467	0	0	0	467	0	0	0	0	467	2,853
2079	475	0	263	0	738	250	0	0	250	488	2,860
2080	484	0	263	0	747	257	0	0	257	490	2,865
2081	493	0	263	0	756	263	0	0	263	493	2,871
2082	502	0	0	0	502	0	0	0	0	502	2,876
NOM	17,997	0	3,154	0	21,151	1,784	0	0	1,784	19,367	
NPV	2,305	0	827	0	3,131	256	0	0	256	2,876	

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

2035
8.10 %
12.25

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income Renter Pilot

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	91	263	20	0	374	6	0	0	6	(368)	(315)	
2026	0	93	263	64	0	420	19	10	0	29	(391)	(625)	
2027	0	96	263	111	0	470	32	20	0	52	(418)	(931)	
2028	0	0	0	135	0	135	39	30	0	68	(67)	(976)	
2029	0	0	0	136	0	136	39	29	0	68	(68)	(1,019)	
2030	0	0	0	143	0	143	35	28	0	63	(80)	(1,066)	
2031	0	0	0	147	0	147	31	27	0	59	(88)	(1,113)	
2032	0	0	0	151	0	151	30	27	0	56	(94)	(1,159)	
2033	0	0	0	153	0	153	34	26	0	60	(93)	(1,202)	
2034	0	0	0	156	0	156	37	25	0	62	(94)	(1,242)	
2035	0	0	0	160	0	160	81	25	0	106	(54)	(1,263)	
2036	0	0	0	164	0	164	81	24	0	105	(58)	(1,284)	
2037	0	0	0	167	0	167	82	24	0	106	(61)	(1,305)	
2038	0	0	0	171	0	171	85	23	0	108	(64)	(1,325)	
2039	0	0	0	176	0	176	86	22	0	109	(67)	(1,344)	
2040	0	0	0	179	0	179	88	22	0	110	(70)	(1,363)	
2041	0	0	0	183	0	183	89	21	0	110	(73)	(1,381)	
2042	0	0	0	187	0	187	90	20	0	110	(77)	(1,398)	
2043	0	142	263	191	0	595	91	20	0	111	(484)	(1,500)	
2044	0	145	263	195	0	603	93	20	0	113	(491)	(1,596)	
2045	0	149	263	200	0	612	97	19	0	116	(496)	(1,685)	
2046	0	0	0	205	0	205	97	19	0	116	(88)	(1,700)	
2047	0	0	0	209	0	209	99	18	0	118	(91)	(1,714)	
2048	0	0	0	213	0	213	102	18	0	120	(92)	(1,727)	
2049	0	0	0	217	0	217	105	18	0	123	(94)	(1,740)	
2050	0	0	0	221	0	221	108	17	0	126	(95)	(1,751)	
2051	0	0	0	224	0	224	108	17	0	125	(99)	(1,763)	
2052	0	0	0	229	0	229	107	17	0	124	(105)	(1,774)	
2053	0	0	0	232	0	232	105	17	0	122	(111)	(1,784)	
2054	0	0	0	236	0	236	106	16	0	122	(114)	(1,794)	
2055	0	0	0	240	0	240	103	16	0	119	(121)	(1,804)	
2056	0	0	0	243	0	243	103	16	0	118	(125)	(1,814)	
2057	0	0	0	247	0	247	103	15	0	118	(129)	(1,823)	
2058	0	0	0	251	0	251	101	15	0	116	(135)	(1,832)	
2059	0	0	0	255	0	255	101	15	0	116	(139)	(1,840)	
2060	0	0	0	259	0	259	101	14	0	116	(143)	(1,849)	
2061	0	221	263	263	0	747	100	14	0	114	(633)	(1,881)	
2062	0	227	263	267	0	756	101	14	0	115	(641)	(1,912)	
2063	0	232	263	272	0	767	101	14	0	115	(652)	(1,941)	
2064	0	0	0	277	0	277	98	13	0	111	(166)	(1,948)	
2065	0	0	0	282	0	282	99	13	0	112	(170)	(1,954)	
2066	0	0	0	287	0	287	97	13	0	110	(177)	(1,961)	
2067	0	0	0	293	0	293	99	13	0	111	(181)	(1,967)	
2068	0	0	0	298	0	298	98	12	0	111	(187)	(1,972)	
2069	0	0	0	303	0	303	98	12	0	111	(193)	(1,978)	
2070	0	0	0	308	0	308	96	11	0	107	(201)	(1,983)	
2071	0	0	0	314	0	314	96	10	0	105	(208)	(1,988)	
2072	0	0	0	319	0	319	95	8	0	103	(216)	(1,992)	
2073	0	0	0	325	0	325	95	8	0	103	(222)	(1,997)	
2074	0	0	0	331	0	331	94	8	0	103	(228)	(2,001)	
2075	0	0	0	336	0	336	94	8	0	102	(234)	(2,005)	
2076	0	0	0	342	0	342	94	8	0	102	(241)	(2,009)	
2077	0	0	0	349	0	349	94	8	0	101	(247)	(2,013)	
2078	0	0	0	355	0	355	93	8	0	101	(254)	(2,016)	
2079	0	345	263	361	0	969	93	8	0	101	(868)	(2,028)	
2080	0	354	263	368	0	985	93	8	0	101	(883)	(2,038)	
2081	0	363	263	375	0	1,000	93	8	0	101	(899)	(2,048)	
2082	0	0	0	382	0	382	93	8	0	101	(281)	(2,051)	
NOM	0	2,458	3,154	13,678	0	19,290	4,931.96	937.32	0.00	0.20	5,869	(13,420)	
NPV	0	352	827	1,751	0	2,930	652	228	0	0	880	(2,051)	

Discount Rate : 8.10 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.30

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.56 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.72 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,484.56 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.523
(2) TRC TEST	4.965
(3) PARTICIPANT TEST	Infinite

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	3,093	8,675	0	11,768	1,417	0	0	0	0	
2026	3,170	8,675	0	11,845	4,605	0	0	0	0	
2027	3,249	8,675	0	11,924	7,972	0	0	0	0	
2028	3,330	8,675	0	12,006	11,286	0	0	0	0	
2029	3,414	8,675	0	12,089	14,637	0	0	0	0	
2030	3,705	9,186	0	12,890	18,881	0	0	0	0	
2031	3,797	9,186	0	12,983	23,056	0	0	0	0	
2032	3,892	9,186	0	13,078	27,458	0	0	0	0	
2033	3,990	9,186	0	13,175	31,817	0	0	0	0	
2034	7,952	17,861	0	25,813	36,369	0	0	0	0	
2035	3,959	8,675	0	12,634	39,287	0	0	0	0	
2036	4,058	8,675	0	12,733	40,153	0	0	0	0	
2037	4,159	8,675	0	12,835	41,040	0	0	0	0	
2038	4,263	8,675	0	12,939	42,073	0	0	0	0	
2039	4,627	9,186	0	13,812	43,163	0	0	0	0	
2040	4,743	9,186	0	13,928	44,058	0	0	0	0	
2041	4,861	9,186	0	14,047	44,976	0	0	0	0	
2042	4,983	9,186	0	14,168	45,877	0	0	0	0	
2043	9,931	17,861	0	27,791	46,772	0	0	0	0	
2044	4,944	8,675	0	13,619	47,910	0	0	0	0	
2045	5,068	8,675	0	13,743	49,166	0	0	0	0	
2046	5,194	8,675	0	13,870	50,229	0	0	0	0	
2047	5,324	8,675	0	13,999	51,276	0	0	0	0	
2048	5,778	9,186	0	14,964	52,208	0	0	0	0	
2049	5,923	9,186	0	15,108	53,240	0	0	0	0	
2050	6,071	9,186	0	15,256	54,230	0	0	0	0	
2051	6,223	9,186	0	15,408	55,006	0	0	0	0	
2052	12,402	17,861	0	30,263	56,167	0	0	0	0	
2053	6,174	8,675	0	14,850	57,048	0	0	0	0	
2054	6,329	8,675	0	15,004	57,940	0	0	0	0	
2055	6,487	8,675	0	15,162	58,843	0	0	0	0	
2056	6,649	8,675	0	15,324	59,756	0	0	0	0	
2057	7,216	9,186	0	16,402	60,681	0	0	0	0	
2058	7,397	9,186	0	16,582	61,617	0	0	0	0	
2059	7,582	9,186	0	16,767	62,564	0	0	0	0	
2060	7,771	9,186	0	16,957	63,524	0	0	0	0	
2061	15,488	17,861	0	33,349	64,495	0	0	0	0	
2062	7,711	8,675	0	16,386	65,478	0	0	0	0	
2063	7,904	8,675	0	16,579	66,734	0	0	0	0	
2064	8,101	8,675	0	16,777	68,005	0	0	0	0	
2065	8,304	8,675	0	16,979	69,275	0	0	0	0	
2066	9,012	9,186	0	18,198	70,538	0	0	0	0	
2067	9,238	9,186	0	18,423	71,805	0	0	0	0	
2068	9,468	9,186	0	18,654	73,082	0	0	0	0	
2069	9,705	9,186	0	18,891	74,378	0	0	0	0	
2070	19,343	17,861	0	37,204	75,687	0	0	0	0	
2071	9,630	8,675	0	18,305	77,011	0	0	0	0	
2072	9,871	8,675	0	18,546	78,372	0	0	0	0	
2073	10,118	8,675	0	18,793	79,745	0	0	0	0	
2074	10,370	8,675	0	19,046	81,149	0	0	0	0	
2075	11,255	9,186	0	20,441	82,585	0	0	0	0	
2076	11,536	9,186	0	20,722	84,056	0	0	0	0	
2077	11,825	9,186	0	21,010	85,564	0	0	0	0	
2078	12,120	9,186	0	21,306	87,109	0	0	0	0	
2079	24,157	17,861	0	42,017	88,695	0	0	0	0	
2080	12,027	8,675	0	20,702	90,323	0	0	0	0	
2081	12,327	8,675	0	21,002	91,996	0	0	0	0	
2082	12,635	8,675	0	21,311	93,716	0	0	0	0	
NOM	449,853	570,527	0	1,020,379	3,236,098	0	0	0	0	
NPV	54,191	107,746	0	161,938	352,652	0	0	0	0	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	13.28	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	13.94	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	11.72	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	12.70	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	13.19	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	13.34	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	13.45	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	14.12	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	14.47	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	14.85	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	15.12	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	15.40	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	15.78	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	16.13	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	16.49	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	16.90	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	17.34	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	17.70	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	18.07	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	18.43	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.79	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	19.25	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.75	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	20.18	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.60	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.98	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.39	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	21.79	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.10	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.57	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	22.92	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	23.28	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	23.64	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	24.01	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	24.38	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	24.76	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	25.14	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	25.52	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	25.91	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	26.31	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	26.81	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	27.32	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	27.83	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	28.34	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	28.85	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	29.36	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	29.88	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	30.41	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	30.94	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	31.49	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	32.04	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	32.60	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	33.18	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	33.77	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	34.38	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	35.00	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	35.63	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	36.29	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	36.96	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	37.65	0.00	0.00

Legend:	
Column (1) used for:	Utility Cost Customer Equipment Supply Costs
Column (3) used for:	Customer O&M Cost Generator Fixed O&M T&D Fixed O&M Generator Variable O&M
Column (6) used for:	Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

YEAR	(2) MID-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) ITC NORMALIZATION \$(000)	(12) TOTAL FIXED CHARGES \$(000)	(13) PRESENT WORTH FIXED CHARGES \$(000)	(14) CUMULATIVE PW FIXED CHARGES \$(000)	(15) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	151,389	2,147	0	9,564	1,786	2,541	54	3,019	1,622	0	20,733	20,733	20,733	150,952
2036	147,121	2,086	0	9,295	3,542	2,490	53	3,019	(225)	0	20,259	18,742	39,474	147,932
2037	142,348	2,019	0	8,993	5,100	2,439	52	3,019	(1,886)	0	19,735	16,890	56,364	144,913
2038	137,755	1,953	0	8,703	6,489	2,388	51	3,019	(3,374)	0	19,230	15,225	71,589	141,894
2039	133,329	1,891	0	8,423	7,721	2,337	50	3,019	(4,701)	0	18,740	13,726	85,315	138,875
2040	129,056	1,830	0	8,153	8,810	2,286	49	3,019	(5,881)	0	18,266	12,377	97,692	135,856
2041	124,926	1,771	0	7,892	9,764	2,236	48	3,019	(6,924)	0	17,806	11,162	108,854	132,837
2042	120,927	1,715	0	7,640	10,594	2,185	47	3,019	(7,840)	0	17,359	10,067	118,920	129,818
2043	117,002	1,659	0	7,392	11,406	2,134	46	3,019	(8,735)	0	16,920	9,077	127,997	126,799
2044	113,088	1,604	0	7,144	12,217	2,083	45	3,019	(9,631)	0	16,481	8,179	136,176	123,780
2045	109,173	1,548	0	6,897	13,029	2,032	43	3,019	(10,526)	0	16,042	7,365	143,542	120,761
2046	105,259	1,493	0	6,650	13,840	1,982	42	3,019	(11,421)	0	15,604	6,627	150,169	117,742
2047	101,344	1,437	0	6,403	14,651	1,931	41	3,019	(12,317)	0	15,165	5,959	156,128	114,723
2048	97,430	1,382	0	6,155	15,463	1,880	40	3,019	(13,212)	0	14,726	5,353	161,480	111,704
2049	93,516	1,326	0	5,908	16,274	1,829	39	3,019	(14,108)	0	14,288	4,805	166,285	108,685
2050	89,601	1,271	0	5,661	17,086	1,778	38	3,019	(15,003)	0	13,849	4,308	170,593	105,666
2051	85,687	1,215	0	5,413	17,897	1,728	37	3,019	(15,899)	0	13,410	3,859	174,453	102,647
2052	81,772	1,160	0	5,166	18,708	1,677	36	3,019	(16,794)	0	12,972	3,454	177,906	99,628
2053	77,858	1,104	0	4,919	19,520	1,626	35	3,019	(17,689)	0	12,533	3,087	180,993	96,609
2054	73,943	1,049	0	4,671	20,331	1,575	34	3,019	(18,585)	0	12,095	2,756	183,749	93,590
2055	70,414	999	0	4,448	20,381	1,524	33	3,019	(18,710)	0	11,694	2,465	186,214	90,571
2056	67,655	959	0	4,274	19,676	1,473	32	3,019	(18,065)	0	11,369	2,217	188,431	87,552
2057	65,281	926	0	4,124	18,980	1,423	30	3,019	(17,420)	0	11,083	1,999	190,430	84,533
2058	62,907	892	0	3,974	18,284	1,372	29	3,019	(16,774)	0	10,797	1,802	192,232	81,514
2059	60,534	858	0	3,824	17,588	1,321	28	3,019	(16,129)	0	10,510	1,623	193,854	78,495
2060	58,160	825	0	3,674	16,892	1,270	27	3,019	(15,484)	0	10,224	1,460	195,314	75,476
2061	55,786	791	0	3,524	16,196	1,219	26	3,019	(14,839)	0	9,937	1,313	196,627	72,457
2062	53,412	757	0	3,374	15,500	1,169	25	3,019	(14,194)	0	9,651	1,180	197,807	69,438
2063	51,038	724	0	3,224	14,804	1,118	24	3,019	(13,549)	0	9,364	1,059	198,866	66,419
2064	48,664	690	0	3,074	14,108	1,067	23	3,019	(12,903)	0	9,078	950	199,815	63,400
2065	46,290	656	0	2,924	13,412	1,016	22	3,019	(12,258)	0	8,791	851	200,666	60,381
2066	43,916	623	0	2,774	12,716	965	21	3,019	(11,613)	0	8,505	761	201,428	57,362
2067	41,543	589	0	2,624	12,020	915	20	3,019	(10,968)	0	8,219	681	202,108	54,343
2068	39,169	555	0	2,475	11,324	864	18	3,019	(10,323)	0	7,932	608	202,716	51,324
2069	36,795	522	0	2,325	10,627	813	17	3,019	(9,678)	0	7,646	542	203,258	48,304
2070	34,421	488	0	2,175	9,931	762	16	3,019	(9,032)	0	7,359	483	203,741	45,285
2071	32,047	454	0	2,025	9,235	711	15	3,019	(8,387)	0	7,073	429	204,170	42,266
2072	29,673	421	0	1,875	8,539	661	14	3,019	(7,742)	0	6,786	381	204,550	39,247
2073	27,299	387	0	1,725	7,843	610	13	3,019	(7,097)	0	6,500	337	204,888	36,228
2074	24,926	353	0	1,575	7,147	559	12	3,019	(6,452)	0	6,213	298	205,186	33,209
2075	22,552	320	0	1,425	6,451	508	11	3,019	(5,807)	0	5,927	263	205,450	30,190
2076	20,178	286	0	1,275	5,755	508	11	3,019	(5,161)	0	5,692	234	205,684	30,190
2077	17,804	252	0	1,125	5,059	508	11	3,019	(4,516)	0	5,458	208	205,891	30,190
2078	15,430	219	0	975	4,363	508	11	3,019	(3,871)	0	5,223	184	206,075	30,190
2079	13,056	185	0	825	3,667	508	11	3,019	(3,226)	0	4,989	162	206,237	30,190
2080	10,682	151	0	675	2,971	508	11	3,019	(2,581)	0	4,754	143	206,380	30,190
2081	8,309	118	0	525	2,274	508	11	3,019	(1,936)	0	4,520	126	206,506	30,190
2082	5,935	84	0	375	1,578	508	11	3,019	(1,290)	0	4,285	110	206,617	30,190
2083	3,561	50	0	225	882	508	11	3,019	(645)	0	4,051	97	206,713	30,190
2084	1,187	17	0	75	186	508	11	3,019	0	0	3,816	84	206,797	30,190

IN SERVICE COST (\$000)	150,952
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	5,109	5,109	3,019	3,019	3,019	3,019	1,622	23,674	0	0	0	1,622	3,894
2036	7.22%	9,835	14,944	3,019	6,038	3,019	6,038	(225)	23,674	0	0	0	(225)	3,669
2037	6.68%	9,097	24,041	3,019	9,057	3,019	9,057	(1,886)	23,674	0	0	0	(1,886)	1,783
2038	6.18%	8,416	32,457	3,019	12,076	3,019	12,076	(3,374)	23,674	0	0	0	(3,374)	(1,591)
2039	5.71%	7,783	40,240	3,019	15,095	3,019	15,095	(4,701)	23,674	0	0	0	(4,701)	(6,292)
2040	5.29%	7,200	47,440	3,019	18,114	3,019	18,114	(5,881)	23,674	0	0	0	(5,881)	(12,173)
2041	4.89%	6,659	54,100	3,019	21,133	3,019	21,133	(6,924)	23,674	0	0	0	(6,924)	(19,096)
2042	4.52%	6,161	60,261	3,019	24,152	3,019	24,152	(7,840)	23,674	0	0	0	(7,840)	(26,936)
2043	4.46%	6,079	66,340	3,019	27,171	3,019	27,171	(8,735)	23,674	0	0	0	(8,735)	(35,671)
2044	4.46%	6,078	72,418	3,019	30,190	3,019	30,190	(9,631)	23,674	0	0	0	(9,631)	(45,302)
2045	4.46%	6,079	78,497	3,019	33,209	3,019	33,209	(10,526)	23,674	0	0	0	(10,526)	(55,828)
2046	4.46%	6,078	84,574	3,019	36,228	3,019	36,228	(11,421)	23,674	0	0	0	(11,421)	(67,250)
2047	4.46%	6,079	90,653	3,019	39,247	3,019	39,247	(12,317)	23,674	0	0	0	(12,317)	(79,567)
2048	4.46%	6,078	96,731	3,019	42,266	3,019	42,266	(13,212)	23,674	0	0	0	(13,212)	(92,779)
2049	4.46%	6,079	102,810	3,019	45,285	3,019	45,285	(14,108)	23,674	0	0	0	(14,108)	(106,887)
2050	4.46%	6,078	108,888	3,019	48,304	3,019	48,304	(15,003)	23,674	0	0	0	(15,003)	(121,890)
2051	4.46%	6,079	114,967	3,019	51,324	3,019	51,324	(15,899)	23,674	0	0	0	(15,899)	(137,788)
2052	4.46%	6,078	121,045	3,019	54,343	3,019	54,343	(16,794)	23,674	0	0	0	(16,794)	(154,582)
2053	4.46%	6,079	127,124	3,019	57,362	3,019	57,362	(17,689)	23,674	0	0	0	(17,689)	(172,272)
2054	4.46%	6,078	133,201	3,019	60,381	3,019	60,381	(18,585)	23,674	0	0	0	(18,585)	(190,856)
2055	2.23%	3,040	136,241	3,019	63,400	3,019	63,400	(18,710)	23,674	0	0	0	(18,710)	(209,566)
2056	0.00%	0	136,241	3,019	66,419	3,019	66,419	(18,065)	23,674	0	0	0	(18,065)	(227,631)
2057	0.00%	0	136,241	3,019	69,438	3,019	69,438	(17,420)	23,674	0	0	0	(17,420)	(245,050)
2058	0.00%	0	136,241	3,019	72,457	3,019	72,457	(16,774)	23,674	0	0	0	(16,774)	(261,825)
2059	0.00%	0	136,241	3,019	75,476	3,019	75,476	(16,129)	23,674	0	0	0	(16,129)	(277,954)
2060	0.00%	0	136,241	3,019	78,495	3,019	78,495	(15,484)	23,674	0	0	0	(15,484)	(293,438)
2061	0.00%	0	136,241	3,019	81,514	3,019	81,514	(14,839)	23,674	0	0	0	(14,839)	(308,277)
2062	0.00%	0	136,241	3,019	84,533	3,019	84,533	(14,194)	23,674	0	0	0	(14,194)	(322,470)
2063	0.00%	0	136,241	3,019	87,552	3,019	87,552	(13,549)	23,674	0	0	0	(13,549)	(336,019)
2064	0.00%	0	136,241	3,019	90,571	3,019	90,571	(12,903)	23,674	0	0	0	(12,903)	(348,922)
2065	0.00%	0	136,241	3,019	93,590	3,019	93,590	(12,258)	23,674	0	0	0	(12,258)	(361,181)
2066	0.00%	0	136,241	3,019	96,609	3,019	96,609	(11,613)	23,674	0	0	0	(11,613)	(372,794)
2067	0.00%	0	136,241	3,019	99,628	3,019	99,628	(10,968)	23,674	0	0	0	(10,968)	(383,761)
2068	0.00%	0	136,241	3,019	102,647	3,019	102,647	(10,323)	23,674	0	0	0	(10,323)	(394,084)
2069	0.00%	0	136,241	3,019	105,666	3,019	105,666	(9,678)	23,674	0	0	0	(9,678)	(403,762)
2070	0.00%	0	136,241	3,019	108,685	3,019	108,685	(9,032)	23,674	0	0	0	(9,032)	(412,794)
2071	0.00%	0	136,241	3,019	111,704	3,019	111,704	(8,387)	23,674	0	0	0	(8,387)	(421,181)
2072	0.00%	0	136,241	3,019	114,723	3,019	114,723	(7,742)	23,674	0	0	0	(7,742)	(428,923)
2073	0.00%	0	136,241	3,019	117,742	3,019	117,742	(7,097)	23,674	0	0	0	(7,097)	(436,020)
2074	0.00%	0	136,241	3,019	120,761	3,019	120,761	(6,452)	23,674	0	0	0	(6,452)	(442,472)
2075	0.00%	0	136,241	3,019	123,780	3,019	123,780	(5,807)	23,674	0	0	0	(5,807)	(448,278)
2076	0.00%	0	136,241	3,019	126,799	3,019	126,799	(5,161)	23,674	0	0	0	(5,161)	(453,439)
2077	0.00%	0	136,241	3,019	129,818	3,019	129,818	(4,516)	23,674	0	0	0	(4,516)	(457,956)
2078	0.00%	0	136,241	3,019	132,837	3,019	132,837	(3,871)	23,674	0	0	0	(3,871)	(461,827)
2079	0.00%	0	136,241	3,019	135,856	3,019	135,856	(3,226)	23,674	0	0	0	(3,226)	(465,052)
2080	0.00%	0	136,241	3,019	138,875	3,019	138,875	(2,581)	23,674	0	0	0	(2,581)	(467,633)
2081	0.00%	0	136,241	3,019	141,894	3,019	141,894	(1,936)	23,674	0	0	0	(1,936)	(469,569)
2082	0.00%	0	136,241	3,019	144,913	3,019	144,913	(1,290)	23,674	0	0	0	(1,290)	(470,859)
2083	0.00%	0	136,241	3,019	147,932	3,019	147,932	(645)	23,674	0	0	0	(645)	(471,504)
2084	0.00%	0	136,241	3,019	150,952	3,019	150,952	0	23,674	0	0	0	0	(471,504)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	2,272
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	23,674
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2035	3.75%	5,109	1,622	147,932	3,019	3,894	153,223	149,555	151,389
2036	7.22%	9,835	(225)	144,913	6,038	3,669	149,555	144,688	147,121
2037	6.68%	9,097	(1,886)	141,894	9,057	1,783	144,688	140,009	142,348
2038	6.18%	8,416	(3,374)	138,875	12,076	(1,591)	140,009	135,502	137,755
2039	5.71%	7,783	(4,701)	135,856	15,095	(6,292)	135,502	131,155	133,329
2040	5.29%	7,200	(5,881)	132,837	18,114	(12,173)	131,155	126,956	129,056
2041	4.89%	6,659	(6,924)	129,818	21,133	(19,096)	126,956	122,895	124,926
2042	4.52%	6,161	(7,840)	126,799	24,152	(26,936)	122,895	118,959	120,927
2043	4.46%	6,079	(8,735)	123,780	27,171	(35,671)	118,959	115,045	117,002
2044	4.46%	6,078	(9,631)	120,761	30,190	(45,302)	115,045	111,131	113,088
2045	4.46%	6,079	(10,526)	117,742	33,209	(55,828)	111,131	107,216	109,173
2046	4.46%	6,078	(11,421)	114,723	36,228	(67,250)	107,216	103,302	105,259
2047	4.46%	6,079	(12,317)	111,704	39,247	(79,567)	103,302	99,387	101,344
2048	4.46%	6,078	(13,212)	108,685	42,266	(92,779)	99,387	95,473	97,430
2049	4.46%	6,079	(14,108)	105,666	45,285	(106,887)	95,473	91,558	93,516
2050	4.46%	6,078	(15,003)	102,647	48,304	(121,890)	91,558	87,644	89,601
2051	4.46%	6,079	(15,899)	99,628	51,324	(137,788)	87,644	83,729	85,687
2052	4.46%	6,078	(16,794)	96,609	54,343	(154,582)	83,729	79,815	81,772
2053	4.46%	6,079	(17,689)	93,590	57,362	(172,272)	79,815	75,901	77,858
2054	4.46%	6,078	(18,585)	90,571	60,381	(190,856)	75,901	71,986	73,943
2055	2.23%	3,040	(18,710)	87,552	63,400	(209,566)	71,986	68,842	70,414
2056	0.00%	0	(18,065)	84,533	66,419	(227,631)	68,842	66,468	67,655
2057	0.00%	0	(17,420)	81,514	69,438	(245,050)	66,468	64,094	65,281
2058	0.00%	0	(16,774)	78,495	72,457	(261,825)	64,094	61,720	62,907
2059	0.00%	0	(16,129)	75,476	75,476	(277,954)	61,720	59,347	60,534
2060	0.00%	0	(15,484)	72,457	78,495	(293,438)	59,347	56,973	58,160
2061	0.00%	0	(14,839)	69,438	81,514	(308,277)	56,973	54,599	55,786
2062	0.00%	0	(14,194)	66,419	84,533	(322,470)	54,599	52,225	53,412
2063	0.00%	0	(13,549)	63,400	87,552	(336,019)	52,225	49,851	51,038
2064	0.00%	0	(12,903)	60,381	90,571	(348,922)	49,851	47,477	48,664
2065	0.00%	0	(12,258)	57,362	93,590	(361,181)	47,477	45,103	46,290
2066	0.00%	0	(11,613)	54,343	96,609	(372,794)	45,103	42,730	43,916
2067	0.00%	0	(10,968)	51,324	99,628	(383,761)	42,730	40,356	41,543
2068	0.00%	0	(10,323)	48,304	102,647	(394,084)	40,356	37,982	39,169
2069	0.00%	0	(9,678)	45,285	105,666	(403,762)	37,982	35,608	36,795
2070	0.00%	0	(9,032)	42,266	108,685	(412,794)	35,608	33,234	34,421
2071	0.00%	0	(8,387)	39,247	111,704	(421,181)	33,234	30,860	32,047
2072	0.00%	0	(7,742)	36,228	114,723	(428,923)	30,860	28,486	29,673
2073	0.00%	0	(7,097)	33,209	117,742	(436,020)	28,486	26,112	27,299
2074	0.00%	0	(6,452)	30,190	120,761	(442,472)	26,112	23,739	24,926
2075	0.00%	0	(5,807)	27,171	123,780	(448,278)	23,739	21,365	22,552
2076	0.00%	0	(5,161)	24,152	126,799	(453,439)	21,365	18,991	20,178
2077	0.00%	0	(4,516)	21,133	129,818	(457,956)	18,991	16,617	17,804
2078	0.00%	0	(3,871)	18,114	132,837	(461,827)	16,617	14,243	15,430
2079	0.00%	0	(3,226)	15,095	135,856	(465,052)	14,243	11,869	13,056
2080	0.00%	0	(2,581)	12,076	138,875	(467,633)	11,869	9,495	10,682
2081	0.00%	0	(1,936)	9,057	141,894	(469,569)	9,495	7,122	8,309
2082	0.00%	0	(1,290)	6,038	144,913	(470,859)	7,122	4,748	5,935
2083	0.00%	0	(645)	3,019	147,932	(471,504)	4,748	2,374	3,561
2084	0.00%	0	0	0	150,952	(471,504)	2,374	0	1,187

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

(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)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	205.19	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	606.98	8.48	11.35	37.69	20.86	28.06	3.14	4.23	405.38	828.51
2032	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	230.69	1,059.20
2033	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	65.34	1,124.54
2034	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	120,401	120,401	120,401
EQUITY AFUDC	23,674		
DEBT AFUDC	6,876	6,876	
CPI			15,840
IIC Basis Reduction (Solar)			
TOTAL	150,952	127,277	136,241

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	17,000	17,000	2.97	3.38	3.07	0.00	1.00	1.00
2026	34,000	34,000	3.41	3.92	3.50	0.00	1.00	1.00
2027	51,000	51,000	3.37	3.92	3.46	0.00	1.00	1.00
2028	68,000	68,000	3.51	4.01	3.55	0.00	1.00	1.00
2029	85,000	85,000	3.59	4.18	3.61	0.00	1.00	1.00
2030	103,000	103,000	3.29	3.86	3.26	0.00	1.00	1.00
2031	121,000	121,000	3.07	3.77	2.95	0.00	1.00	1.00
2032	139,000	139,000	2.95	3.79	2.81	0.00	1.00	1.00
2033	157,000	157,000	3.33	4.00	3.23	6.88	1.00	1.00
2034	175,000	175,000	3.53	4.17	3.45	6.98	1.00	1.00
2035	175,000	175,000	3.86	4.54	3.80	7.13	1.00	1.00
2036	175,000	175,000	4.00	4.63	3.95	6.98	1.00	1.00
2037	175,000	175,000	4.20	4.77	4.15	7.15	1.00	1.00
2038	175,000	175,000	4.53	5.17	4.52	7.22	1.00	1.00
2039	175,000	175,000	4.72	5.32	4.69	7.16	1.00	1.00
2040	175,000	175,000	5.06	5.64	5.04	7.38	1.00	1.00
2041	175,000	175,000	5.39	5.83	5.34	7.51	1.00	1.00
2042	175,000	175,000	5.49	5.95	5.46	7.59	1.00	1.00
2043	175,000	175,000	5.72	6.26	5.69	7.82	1.00	1.00
2044	175,000	175,000	6.11	6.68	6.10	8.08	1.00	1.00
2045	175,000	175,000	6.50	7.10	6.49	8.49	1.00	1.00
2046	175,000	175,000	6.71	7.32	6.72	8.36	1.00	1.00
2047	175,000	175,000	7.07	7.63	7.06	8.85	1.00	1.00
2048	175,000	175,000	7.41	8.06	7.39	9.24	1.00	1.00
2049	175,000	175,000	7.89	8.57	7.88	9.55	1.00	1.00
2050	175,000	175,000	8.54	9.30	8.56	10.09	1.00	1.00
2051	175,000	175,000	8.49	9.17	8.49	10.16	1.00	1.00
2052	175,000	175,000	8.54	9.22	8.55	10.08	1.00	1.00
2053	175,000	175,000	8.58	9.31	8.59	10.06	1.00	1.00
2054	175,000	175,000	8.61	9.30	8.63	9.85	1.00	1.00
2055	175,000	175,000	8.57	9.18	8.58	9.91	1.00	1.00
2056	175,000	175,000	8.54	9.21	8.59	9.73	1.00	1.00
2057	175,000	175,000	8.59	9.30	8.63	9.80	1.00	1.00
2058	175,000	175,000	8.51	9.09	8.53	9.59	1.00	1.00
2059	175,000	175,000	8.55	9.19	8.58	9.63	1.00	1.00
2060	175,000	175,000	8.59	9.16	8.64	9.54	1.00	1.00
2061	175,000	175,000	8.43	9.03	8.47	9.45	1.00	1.00
2062	175,000	175,000	8.42	9.04	8.45	9.27	1.00	1.00
2063	175,000	175,000	8.49	9.21	8.56	9.73	1.00	1.00
2064	175,000	175,000	8.47	9.07	8.53	9.62	1.00	1.00
2065	175,000	175,000	8.37	8.97	8.42	9.50	1.00	1.00
2066	175,000	175,000	8.32	8.99	8.38	9.49	1.00	1.00
2067	175,000	175,000	8.33	8.99	8.41	9.47	1.00	1.00
2068	175,000	175,000	8.39	8.40	8.47	9.42	1.00	1.00
2069	175,000	175,000	8.39	8.40	8.47	9.50	1.00	1.00
2070	175,000	175,000	8.39	8.40	8.47	9.30	1.00	1.00
2071	175,000	175,000	8.39	8.40	8.47	9.26	1.00	1.00
2072	175,000	175,000	8.39	8.40	8.47	9.22	1.00	1.00
2073	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2074	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2075	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2076	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2077	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2078	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2079	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2080	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2081	175,000	175,000	8.39	8.40	8.47	9.18	1.00	1.00
2082	175,000	175,000	8.39	8.40	8.47	9.18	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: 2025 DSM Plan - Residential Low Income

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	20,733	2,018	77	46798	51337	18288
2036	20,259	2,069	85	49389	54149	17653
2037	19,735	2,121	88	51298	56215	17028
2038	19,230	2,174	94	53982	59228	16252
2039	18,740	2,228	101	56196	61057	16208
2040	18,266	2,284	105	58473	63799	15328
2041	17,806	2,341	113	62543	68187	14616
2042	17,359	2,399	114	62346	68113	14106
2043	16,920	2,459	117	64401	70193	13704
2044	16,481	2,521	123	67766	74336	12554
2045	16,042	2,584	127	72583	79016	12321
2046	15,604	2,648	134	72749	79656	11479
2047	15,165	2,715	137	77036	84269	10784
2048	14,726	2,782	139	79794	87004	10437
2049	14,288	2,852	146	83898	92067	9116
2050	13,849	2,923	151	88898	98376	7446
2051	13,410	2,996	155	90097	99004	7655
2052	12,972	3,071	157	88013	97124	7089
2053	12,533	3,148	164	89386	99220	6012
2054	12,095	3,227	170	88675	98179	5988
2055	11,694	3,307	175	88625	98818	4983
2056	11,369	3,390	179	86941	96977	4902
2057	11,083	3,475	186	88703	98797	4649
2058	10,797	3,562	192	87619	97746	4424
2059	10,510	3,651	195	87019	97085	4291
2060	10,224	3,742	200	85961	96164	3962
2061	9,937	3,836	203	84298	94190	4084
2062	9,651	3,932	210	84439	93409	4822
2063	9,364	4,030	215	88673	98128	4154
2064	9,078	4,131	223	87497	98046	2882
2065	8,791	4,234	226	86404	95743	3913
2066	8,505	4,340	232	85961	95631	3406
2067	8,219	4,448	238	86415	95420	3898
2068	7,932	4,559	244	85719	94974	3480
2069	7,646	4,673	250	86616	95776	3409
2070	7,359	4,790	256	83935	93743	2597
2071	7,073	4,910	262	83441	93343	2342
2072	6,786	5,033	269	82947	92943	2091
2073	6,500	5,159	276	82453	92544	1843
2074	6,213	5,287	282	82453	92544	1692
2075	5,927	5,420	289	82453	92544	1545
2076	5,692	5,555	297	82453	92544	1453
2077	5,458	5,694	304	82453	92544	1365
2078	5,223	5,836	312	82453	92544	1281
2079	4,989	5,982	320	82453	92544	1200
2080	4,754	6,132	328	82453	92544	1123
2081	4,520	6,285	336	82453	92544	1050
2082	4,285	6,442	344	82453	92544	981
NOM	545,794	183,396	9,537	3,780,060	4,192,899	325,889
NPV	81,183.41	14,126.13	687	349,325	384,299	61,023

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Residential Low Income

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	442	0
2026	923	68	991	276	69	345	1,546	0
2027	1,847	116	1,964	554	117	672	2,586	0
2028	2,770	167	2,937	834	168	1,002	3,681	0
2029	3,693	220	3,913	1,114	221	1,336	4,954	0
2030	4,618	277	4,895	1,397	279	1,675	5,643	0
2031	5,609	338	5,947	1,700	340	2,040	6,641	0
2032	6,603	403	7,005	2,005	405	2,410	7,829	0
2033	7,601	470	8,071	2,314	473	2,786	9,245	0
2034	8,604	540	9,144	2,624	543	3,168	10,774	0
2035	9,611	583	10,194	2,938	587	3,525	12,335	0
2036	9,309	598	9,907	2,862	602	3,464	12,527	0
2037	9,010	613	9,623	2,786	617	3,403	12,869	0
2038	8,718	628	9,347	2,712	632	3,344	13,956	0
2039	8,431	644	9,075	2,639	648	3,287	14,300	0
2040	8,148	660	8,808	2,567	664	3,232	15,121	0
2041	7,868	677	8,545	2,496	681	3,177	15,511	0
2042	7,596	694	8,290	2,425	698	3,123	15,834	0
2043	7,335	711	8,046	2,355	715	3,070	16,690	0
2044	7,083	729	7,812	2,284	733	3,018	17,823	0
2045	6,843	747	7,590	2,214	752	2,965	18,940	0
2046	6,614	766	7,380	2,144	770	2,914	19,517	0
2047	6,397	785	7,182	2,076	790	2,865	20,284	0
2048	6,193	804	6,997	2,010	809	2,819	21,461	0
2049	6,001	824	6,826	1,946	830	2,776	22,825	0
2050	5,823	845	6,668	1,886	850	2,736	24,776	0
2051	5,655	866	6,521	1,827	872	2,699	24,372	0
2052	5,490	888	6,378	1,772	893	2,665	24,496	0
2053	5,326	910	6,236	1,719	916	2,635	24,803	0
2054	5,161	933	6,094	1,670	939	2,608	24,734	0
2055	4,997	956	5,953	1,623	962	2,585	24,362	0
2056	4,832	980	5,812	1,579	986	2,565	24,482	0
2057	4,667	1,005	5,672	1,535	1,011	2,546	24,738	0
2058	4,503	1,030	5,532	1,492	1,036	2,528	24,087	0
2059	4,338	1,055	5,393	1,448	1,062	2,510	24,390	0
2060	4,173	1,082	5,255	1,405	1,089	2,494	24,282	0
2061	4,009	1,109	5,118	1,362	1,116	2,477	23,951	0
2062	3,846	1,137	4,983	1,318	1,144	2,462	24,012	0
2063	3,687	1,165	4,851	1,275	1,172	2,447	24,525	0
2064	3,530	1,194	4,724	1,231	1,202	2,433	24,037	0
2065	3,376	1,224	4,600	1,188	1,232	2,419	23,783	0
2066	3,225	1,255	4,479	1,144	1,262	2,407	23,913	0
2067	3,077	1,286	4,363	1,101	1,294	2,395	23,900	0
2068	2,933	1,318	4,251	1,059	1,326	2,385	21,844	0
2069	2,792	1,351	4,143	1,017	1,359	2,376	21,844	0
2070	2,508	1,385	3,893	976	1,393	2,369	21,844	0
2071	2,211	1,419	3,630	935	1,428	2,364	21,844	0
2072	1,921	1,455	3,376	896	1,464	2,360	21,844	0
2073	1,637	1,491	3,129	857	1,501	2,358	21,844	0
2074	1,361	1,529	2,889	819	1,538	2,358	21,844	0
2075	1,081	1,567	2,647	783	1,577	2,359	21,844	0
2076	807	1,606	2,413	698	1,616	2,314	21,844	0
2077	541	1,646	2,187	616	1,656	2,272	21,844	0
2078	283	1,687	1,970	535	1,698	2,232	21,844	0
2079	33	1,729	1,762	455	1,740	2,196	21,844	0
2080	(0)	1,773	1,773	378	1,784	2,161	21,844	0
2081	(0)	1,817	1,817	298	1,828	2,127	21,844	0
2082	0	1,862	1,862	221	1,874	2,095	21,844	0
NOM	255,246	55,615.15	310,861	86,390	55,963	142,353	1,068,634	0
NPV	57,763	5,461	63,224	18,079	5,495	23,573	121,231	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	1	0	1
2031	0	0	1	0	1
2032	0	0	1	0	1
2033	0	0	1	0	1
2034	0	0	1	0	1
2035	3	3	1	0	1
2036	3	3	1	0	1
2037	3	3	1	0	1
2038	3	3	1	0	1
2039	3	4	1	0	1
2040	3	4	1	0	1
2041	3	4	1	0	1
2042	3	4	1	0	1
2043	3	4	1	0	1
2044	3	4	1	0	1
2045	3	4	1	0	1
2046	4	4	1	0	1
2047	4	4	1	0	1
2048	4	4	1	0	1
2049	4	4	1	0	1
2050	4	4	1	0	1
2051	4	4	1	0	1
2052	4	4	1	0	1
2053	4	4	1	0	1
2054	4	4	1	0	1
2055	4	4	1	0	1
2056	4	4	1	0	1
2057	4	4	1	0	1
2058	4	4	1	0	1
2059	4	4	1	0	1
2060	4	4	1	0	1
2061	4	4	1	0	1
2062	4	4	1	0	1
2063	4	4	1	0	1
2064	4	4	1	0	1
2065	4	4	1	0	1
2066	4	4	1	0	1
2067	4	4	1	0	1
2068	4	4	1	0	1
2069	4	4	1	0	1
2070	4	4	1	0	1
2071	4	4	1	0	1
2072	4	4	1	0	1
2073	4	4	1	0	1
2074	4	4	1	0	1
2075	4	4	1	0	1
2076	4	4	1	0	1
2077	4	4	1	0	1
2078	4	4	1	0	1
2079	4	4	1	0	1
2080	4	4	1	0	1
2081	4	4	1	0	1
2082	4	4	1	0	1
NOM	174	195	58	0	36
NPV	17	19	9	0	6

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(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)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	3,093	0	0	3,093	0	0	442	0	442	(2,650)	(2,268)
2026	0	3,170	0	0	3,170	0	1,336	1,546	0	2,881	(289)	(2,497)
2027	0	3,249	0	0	3,249	0	2,635	2,586	0	5,222	1,973	(1,052)
2028	0	3,330	0	0	3,330	0	3,939	3,681	0	7,621	4,290	1,855
2029	0	3,414	0	0	3,414	0	5,249	4,954	0	10,204	6,790	6,111
2030	0	3,705	0	0	3,705	0	6,571	5,643	1	12,214	8,509	11,046
2031	0	3,797	0	0	3,797	0	7,987	6,641	1	14,629	10,831	16,856
2032	0	3,892	0	0	3,892	0	9,416	7,829	1	17,245	13,353	23,483
2033	0	3,990	0	0	3,990	0	10,857	9,245	1	20,103	16,113	30,881
2034	0	7,952	0	0	7,952	0	12,311	10,774	1	23,086	15,135	37,309
2035	0	3,959	0	0	3,959	18,288	13,720	12,335	1	44,344	40,385	53,177
2036	0	4,058	0	0	4,058	17,653	13,371	12,527	1	43,551	39,493	67,532
2037	0	4,159	0	0	4,159	17,028	13,026	12,869	1	42,924	38,765	80,568
2038	0	4,263	0	0	4,263	16,252	12,691	13,956	1	42,900	38,636	92,587
2039	0	4,627	0	0	4,627	16,208	12,363	14,300	1	42,871	38,245	103,593
2040	0	4,743	0	0	4,743	15,328	12,039	15,121	1	42,489	37,747	113,642
2041	0	4,861	0	0	4,861	14,616	11,722	15,511	1	41,849	36,988	122,752
2042	0	4,983	0	0	4,983	14,106	11,413	15,834	1	41,353	36,371	131,039
2043	0	9,931	0	0	9,931	13,704	11,116	16,690	1	41,511	31,580	137,696
2044	0	4,944	0	0	4,944	12,554	10,830	17,823	1	41,207	36,263	144,767
2045	0	5,068	0	0	5,068	12,321	10,556	18,940	1	41,818	36,750	151,397
2046	0	5,194	0	0	5,194	11,479	10,294	19,517	1	41,291	36,097	157,421
2047	0	5,324	0	0	5,324	10,784	10,047	20,284	1	41,116	35,792	162,946
2048	0	5,778	0	0	5,778	10,437	9,817	21,461	1	41,716	35,938	168,079
2049	0	5,923	0	0	5,923	9,116	9,602	22,825	1	41,544	35,621	172,786
2050	0	6,071	0	0	6,071	7,446	9,404	24,776	1	41,627	35,556	177,132
2051	0	6,223	0	0	6,223	7,655	9,220	24,372	1	41,248	35,025	181,092
2052	0	12,402	0	0	12,402	7,089	9,044	24,496	1	40,629	28,227	184,045
2053	0	6,174	0	0	6,174	6,012	8,871	24,803	1	39,686	33,511	187,288
2054	0	6,329	0	0	6,329	5,988	8,702	24,734	1	39,425	33,096	190,251
2055	0	6,487	0	0	6,487	4,983	8,538	24,362	1	37,884	31,397	192,851
2056	0	6,649	0	0	6,649	4,902	8,377	24,482	1	37,762	31,113	195,235
2057	0	7,216	0	0	7,216	4,649	8,218	24,738	1	37,606	30,389	197,389
2058	0	7,397	0	0	7,397	4,424	8,060	24,087	1	36,572	29,175	199,302
2059	0	7,582	0	0	7,582	4,291	7,904	24,390	1	36,585	29,003	201,061
2060	0	7,771	0	0	7,771	3,962	7,749	24,282	1	35,994	28,223	202,645
2061	0	15,488	0	0	15,488	4,084	7,595	23,951	1	35,631	20,142	203,691
2062	0	7,711	0	0	7,711	4,822	7,445	24,012	1	36,280	28,569	205,063
2063	0	7,904	0	0	7,904	4,154	7,298	24,525	1	35,979	28,075	206,310
2064	0	8,101	0	0	8,101	2,882	7,157	24,037	1	34,076	25,975	207,378
2065	0	8,304	0	0	8,304	3,913	7,019	23,783	1	34,716	26,412	208,382
2066	0	9,012	0	0	9,012	3,406	6,886	23,913	1	34,206	25,193	209,268
2067	0	9,238	0	0	9,238	3,898	6,758	23,900	1	34,557	25,320	210,092
2068	0	9,468	0	0	9,468	3,480	6,635	21,844	1	31,959	22,491	210,769
2069	0	9,705	0	0	9,705	3,409	6,519	21,844	1	31,772	22,067	211,384
2070	0	19,343	0	0	19,343	2,597	6,262	21,844	1	30,703	11,360	211,677
2071	0	9,630	0	0	9,630	2,342	5,994	21,844	1	30,180	20,550	212,166
2072	0	9,871	0	0	9,871	2,091	5,735	21,844	1	29,671	19,800	212,603
2073	0	10,118	0	0	10,118	1,843	5,486	21,844	1	29,174	19,056	212,992
2074	0	10,370	0	0	10,370	1,692	5,247	21,844	1	28,783	18,413	213,339
2075	0	11,255	0	0	11,255	1,545	5,007	21,844	1	28,396	17,141	213,638
2076	0	11,536	0	0	11,536	1,453	4,727	21,844	1	28,024	16,488	213,905
2077	0	11,825	0	0	11,825	1,365	4,459	21,844	1	27,668	15,843	214,141
2078	0	12,120	0	0	12,120	1,281	4,202	21,844	1	27,327	15,207	214,352
2079	0	24,157	0	0	24,157	1,200	3,958	21,844	1	27,002	2,845	214,388
2080	0	12,027	0	0	12,027	1,123	3,934	21,844	1	26,901	14,874	214,564
2081	0	12,327	0	0	12,327	1,050	3,944	21,844	1	26,838	14,510	214,723
2082	0	12,635	0	0	12,635	981	3,957	21,844	1	26,782	14,147	214,866
NOM	0	449,853	0	0	449,853	325,888.95	453,214	1,068,634	36	1,847,774	1,397,921	
NPV	0	54,191	0	0	54,191	61,023	86,797	121,231	6	269,057.26	214,866	

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

8.10 %
 4.96

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	1,865	0	8,675	0	10,540	0	0	0	0	10,540	9,020
2026	6,059	0	8,675	0	14,734	0	0	0	0	14,734	20,686
2027	10,490	0	8,675	0	19,165	0	0	0	0	19,165	34,723
2028	14,850	0	8,675	0	23,525	0	0	0	0	23,525	50,663
2029	19,259	0	8,675	0	27,934	0	0	0	0	27,934	68,173
2030	24,843	0	9,186	0	34,029	0	0	0	0	34,029	87,905
2031	30,337	0	9,186	0	39,522	0	0	0	0	39,522	109,107
2032	36,128	0	9,186	0	45,314	0	0	0	0	45,314	131,596
2033	41,865	0	9,186	0	51,051	0	0	0	0	51,051	155,034
2034	47,854	0	17,861	0	65,715	0	0	0	0	65,715	182,944
2035	51,694	0	8,675	0	60,369	0	0	0	0	60,369	206,664
2036	52,833	0	8,675	0	61,508	0	0	0	0	61,508	229,022
2037	54,000	0	8,675	0	62,675	0	0	0	0	62,675	250,098
2038	55,359	0	8,675	0	64,034	0	0	0	0	64,034	270,018
2039	56,793	0	9,186	0	65,979	0	0	0	0	65,979	289,006
2040	57,971	0	9,186	0	67,157	0	0	0	0	67,157	306,885
2041	59,178	0	9,186	0	68,364	0	0	0	0	68,364	323,722
2042	60,364	0	9,186	0	69,550	0	0	0	0	69,550	339,569
2043	61,542	0	17,861	0	79,402	0	0	0	0	79,402	356,306
2044	63,040	0	8,675	0	71,715	0	0	0	0	71,715	370,290
2045	64,692	0	8,675	0	73,367	0	0	0	0	73,367	383,525
2046	66,091	0	8,675	0	74,766	0	0	0	0	74,766	396,003
2047	67,469	0	8,675	0	76,144	0	0	0	0	76,144	407,758
2048	68,694	0	9,186	0	77,880	0	0	0	0	77,880	418,881
2049	70,052	0	9,186	0	79,238	0	0	0	0	79,238	429,350
2050	71,355	0	9,186	0	80,541	0	0	0	0	80,541	439,195
2051	72,376	0	9,186	0	81,561	0	0	0	0	81,561	448,418
2052	73,904	0	17,861	0	91,765	0	0	0	0	91,765	458,017
2053	75,063	0	8,675	0	83,739	0	0	0	0	83,739	466,120
2054	76,237	0	8,675	0	84,912	0	0	0	0	84,912	473,722
2055	77,425	0	8,675	0	86,100	0	0	0	0	86,100	480,853
2056	78,627	0	8,675	0	87,302	0	0	0	0	87,302	487,542
2057	79,843	0	9,186	0	89,029	0	0	0	0	89,029	493,852
2058	81,075	0	9,186	0	90,261	0	0	0	0	90,261	499,771
2059	82,322	0	9,186	0	91,507	0	0	0	0	91,507	505,322
2060	83,584	0	9,186	0	92,769	0	0	0	0	92,769	510,528
2061	84,862	0	17,861	0	102,723	0	0	0	0	102,723	515,861
2062	86,156	0	8,675	0	94,831	0	0	0	0	94,831	520,415
2063	87,808	0	8,675	0	96,483	0	0	0	0	96,483	524,702
2064	89,480	0	8,675	0	98,155	0	0	0	0	98,155	528,736
2065	91,152	0	8,675	0	99,827	0	0	0	0	99,827	532,532
2066	92,813	0	9,186	0	101,999	0	0	0	0	101,999	536,120
2067	94,480	0	9,186	0	103,666	0	0	0	0	103,666	539,493
2068	96,161	0	9,186	0	105,346	0	0	0	0	105,346	542,665
2069	97,865	0	9,186	0	107,051	0	0	0	0	107,051	545,646
2070	99,588	0	17,861	0	117,449	0	0	0	0	117,449	548,672
2071	101,331	0	8,675	0	110,006	0	0	0	0	110,006	551,294
2072	103,122	0	8,675	0	111,797	0	0	0	0	111,797	553,759
2073	104,927	0	8,675	0	113,603	0	0	0	0	113,603	556,076
2074	106,774	0	8,675	0	115,450	0	0	0	0	115,450	558,255
2075	108,665	0	9,186	0	117,850	0	0	0	0	117,850	560,312
2076	110,600	0	9,186	0	119,786	0	0	0	0	119,786	562,247
2077	112,584	0	9,186	0	121,769	0	0	0	0	121,769	564,066
2078	114,617	0	9,186	0	123,803	0	0	0	0	123,803	565,777
2079	116,704	0	17,861	0	134,565	0	0	0	0	134,565	567,498
2080	118,846	0	8,675	0	127,521	0	0	0	0	127,521	569,006
2081	121,047	0	8,675	0	129,723	0	0	0	0	129,723	570,426
2082	123,310	0	8,675	0	131,986	0	0	0	0	131,986	571,762
NOM	4,258,024	0	570,527	0	4,828,550	0	0	0	0	4,828,550	
NPV	464,016	0	107,746	0	571,762	0	0	0	0	571,762	

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

2035
 8.10 %
 Infinite

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Residential Low Income

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	3,093	8,675	1,417	0	13,185	442	0	0	0	442	(12,743)	(10,906)
2026	0	3,170	8,675	4,605	0	16,450	1,546	1,336	0	0	2,881	(13,568)	(21,648)
2027	0	3,249	8,675	7,972	0	19,897	2,586	5,222	0	0	5,222	(14,675)	(32,396)
2028	0	3,330	8,675	11,286	0	23,291	3,681	3,939	0	0	7,621	(15,671)	(43,015)
2029	0	3,414	8,675	14,637	0	26,726	4,954	5,249	0	0	10,204	(16,522)	(53,371)
2030	0	3,705	9,186	18,881	0	31,771	5,643	6,571	0	1	12,214	(19,557)	(64,712)
2031	0	3,797	9,186	23,056	0	36,039	6,641	7,987	0	1	14,629	(21,410)	(76,198)
2032	0	3,892	9,186	27,458	0	40,536	7,829	9,416	0	1	17,245	(23,290)	(87,756)
2033	0	3,990	9,186	31,817	0	44,993	9,245	10,857	0	1	20,103	(24,890)	(99,183)
2034	0	7,952	17,861	36,369	0	62,181	10,774	12,311	0	1	23,086	(39,095)	(115,788)
2035	0	3,959	8,675	39,287	0	51,921	30,624	13,720	0	1	44,344	(7,577)	(118,765)
2036	0	4,058	8,675	40,153	0	52,886	30,180	13,371	0	1	43,551	(9,335)	(122,158)
2037	0	4,159	8,675	41,040	0	53,874	29,897	13,026	0	1	42,924	(10,951)	(125,841)
2038	0	4,263	8,675	42,073	0	55,011	30,208	12,691	0	1	42,900	(12,112)	(129,608)
2039	0	4,627	9,186	43,163	0	56,975	30,508	12,363	0	1	42,871	(14,104)	(133,667)
2040	0	4,743	9,186	44,058	0	57,986	30,449	12,039	0	1	42,489	(15,497)	(137,793)
2041	0	4,861	9,186	44,976	0	59,022	30,127	11,722	0	1	41,849	(17,173)	(142,023)
2042	0	4,983	9,186	45,877	0	60,045	29,939	11,413	0	1	41,353	(18,692)	(146,282)
2043	0	9,931	17,861	46,772	0	74,563	30,394	11,116	0	1	41,511	(33,052)	(153,249)
2044	0	4,944	8,675	47,910	0	61,530	30,377	10,830	0	1	41,207	(20,322)	(157,211)
2045	0	5,068	8,675	49,166	0	62,909	31,262	10,556	0	1	41,818	(21,091)	(161,016)
2046	0	5,194	8,675	50,229	0	64,099	30,997	10,294	0	1	41,291	(22,807)	(164,822)
2047	0	5,324	8,675	51,276	0	65,276	31,068	10,047	0	1	41,116	(24,159)	(168,552)
2048	0	5,778	9,186	52,208	0	67,172	31,899	9,817	0	1	41,716	(25,456)	(172,188)
2049	0	5,923	9,186	53,240	0	68,348	31,941	9,602	0	1	41,544	(26,804)	(175,729)
2050	0	6,071	9,186	54,230	0	69,486	32,222	9,404	0	1	41,627	(27,860)	(179,135)
2051	0	6,223	9,186	55,006	0	70,414	32,027	9,220	0	1	41,248	(29,166)	(182,432)
2052	0	12,402	17,861	56,167	0	86,430	31,585	9,044	0	1	40,629	(45,801)	(187,224)
2053	0	6,174	8,675	57,048	0	71,898	30,814	8,871	0	1	39,686	(32,212)	(190,341)
2054	0	6,329	8,675	57,940	0	72,944	30,722	8,702	0	1	39,425	(33,519)	(193,342)
2055	0	6,487	8,675	58,843	0	74,005	29,345	8,538	0	1	37,884	(36,121)	(196,333)
2056	0	6,649	8,675	59,756	0	75,081	29,384	8,377	0	1	37,762	(37,319)	(199,193)
2057	0	7,216	9,186	60,681	0	77,083	29,387	8,218	0	1	37,606	(39,477)	(201,991)
2058	0	7,397	9,186	61,617	0	78,199	28,511	8,060	0	1	36,572	(41,628)	(204,720)
2059	0	7,582	9,186	62,564	0	79,332	28,680	7,904	0	1	36,585	(42,747)	(207,313)
2060	0	7,771	9,186	63,524	0	80,480	28,244	7,749	0	1	35,994	(44,487)	(209,810)
2061	0	15,488	17,861	64,495	0	97,844	28,035	7,595	0	1	35,631	(62,213)	(213,040)
2062	0	7,711	8,675	65,478	0	81,865	28,835	7,445	0	1	36,280	(45,585)	(215,229)
2063	0	7,904	8,675	66,734	0	83,313	28,680	7,298	0	1	35,979	(47,334)	(217,332)
2064	0	8,101	8,675	68,005	0	84,782	26,919	7,157	0	1	34,076	(50,705)	(219,416)
2065	0	8,304	8,675	69,275	0	86,255	27,696	7,019	0	1	34,716	(51,539)	(221,376)
2066	0	9,012	9,186	70,538	0	88,736	27,319	6,886	0	1	34,206	(54,530)	(223,294)
2067	0	9,238	9,186	71,805	0	90,228	27,799	6,758	0	1	34,557	(55,671)	(225,106)
2068	0	9,468	9,186	73,082	0	91,736	25,323	6,635	0	1	31,959	(59,777)	(226,905)
2069	0	9,705	9,186	74,378	0	93,269	25,252	6,519	0	1	31,772	(61,497)	(228,618)
2070	0	19,343	17,861	75,687	0	112,891	24,441	6,262	0	1	30,703	(82,188)	(230,735)
2071	0	9,630	8,675	77,011	0	95,317	24,186	5,994	0	1	30,180	(65,136)	(232,288)
2072	0	9,871	8,675	78,372	0	96,918	23,935	5,735	0	1	29,671	(67,248)	(233,771)
2073	0	10,118	8,675	79,745	0	98,538	23,687	5,486	0	1	29,174	(69,364)	(235,185)
2074	0	10,370	8,675	81,149	0	100,194	23,536	5,247	0	1	28,783	(71,411)	(236,533)
2075	0	11,255	9,186	82,585	0	103,026	23,389	5,007	0	1	28,396	(74,629)	(237,836)
2076	0	11,536	9,186	84,056	0	104,778	23,297	4,727	0	1	28,024	(76,754)	(239,075)
2077	0	11,825	9,186	85,564	0	106,574	23,209	4,459	0	1	27,668	(78,906)	(240,254)
2078	0	12,120	9,186	87,109	0	108,415	23,124	4,202	0	1	27,327	(81,088)	(241,375)
2079	0	24,157	17,861	88,695	0	130,712	23,043	3,958	0	1	27,002	(103,711)	(242,701)
2080	0	12,027	8,675	90,323	0	111,025	22,966	3,934	0	1	26,901	(84,124)	(243,696)
2081	0	12,327	8,675	91,996	0	112,998	22,893	3,944	0	1	26,838	(86,161)	(244,639)
2082	0	12,635	8,675	93,716	0	115,027	22,824	3,957	0	1	26,782	(88,244)	(245,532)
NOM	0	449,853	570,527	3,236,098	0	4,256,477	1,394,522.69	453,214.40	0.00	36.44	1,847,774	(2,408,704)	
NPV	0	54,191	107,746	352,652	0	514,590	182,253	86,797	0	6	269,057	(245,532)	

Discount Rate : 8.10 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.52

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.85 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.0948 kW
(3) kW LINE LOSS PERCENTAGE	5.283657933 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1.06 kWh
(5) kWh LINE LOSS PERCENTAGE	4.193444662 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.36996
(5) K FACTOR FOR T & D.....	1.30645

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	8.10 %
* (11) UTILITY AFUDC RATE.....	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.3465858 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/kW
(6) BASE YEAR DISTRIBUTION COST	0 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.86790512 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	0 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.00795207 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.499 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	1.109
(2) TRC TEST	3.436
(3) PARTICIPANT TEST	Infinite

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	49	22	0	71	0	0	0	0	0	
2026	78	67	0	145	0	0	0	0	0	
2027	106	111	0	217	0	0	0	0	0	
2028	134	155	0	288	0	0	0	0	0	
2029	160	198	0	359	1	0	0	0	0	
2030	168	241	0	410	1	0	0	0	0	
2031	175	284	0	460	1	0	0	0	0	
2032	183	327	0	510	1	0	0	0	0	
2033	191	370	0	561	1	0	0	0	0	
2034	199	412	0	612	1	0	0	0	0	
2035	150	433	0	583	1	0	0	0	0	
2036	123	433	0	556	1	0	0	0	0	
2037	98	433	0	531	1	0	0	0	0	
2038	73	433	0	507	1	0	0	0	0	
2039	50	433	0	483	1	0	0	0	0	
2040	50	433	0	484	1	0	0	0	0	
2041	51	433	0	484	2	0	0	0	0	
2042	52	433	0	485	2	0	0	0	0	
2043	52	433	0	486	2	0	0	0	0	
2044	53	433	0	486	2	0	0	0	0	
2045	127	433	0	560	2	0	0	0	0	
2046	170	433	0	603	2	0	0	0	0	
2047	210	433	0	643	2	0	0	0	0	
2048	249	433	0	682	2	0	0	0	0	
2049	287	433	0	720	2	0	0	0	0	
2050	296	433	0	729	2	0	0	0	0	
2051	304	433	0	737	2	0	0	0	0	
2052	312	433	0	745	2	0	0	0	0	
2053	321	433	0	755	2	0	0	0	0	
2054	330	433	0	764	2	0	0	0	0	
2055	247	433	0	680	2	0	0	0	0	
2056	202	433	0	635	2	0	0	0	0	
2057	160	433	0	594	2	0	0	0	0	
2058	120	433	0	553	2	0	0	0	0	
2059	82	433	0	515	2	0	0	0	0	
2060	82	433	0	516	2	0	0	0	0	
2061	83	433	0	517	2	0	0	0	0	
2062	85	433	0	518	2	0	0	0	0	
2063	86	433	0	519	2	0	0	0	0	
2064	86	433	0	520	2	0	0	0	0	
2065	208	433	0	641	2	0	0	0	0	
2066	278	433	0	712	2	0	0	0	0	
2067	344	433	0	777	2	0	0	0	0	
2068	408	433	0	841	2	0	0	0	0	
2069	470	433	0	903	3	0	0	0	0	
2070	485	433	0	918	3	0	0	0	0	
2071	497	433	0	931	3	0	0	0	0	
2072	511	433	0	945	3	0	0	0	0	
2073	526	433	0	960	3	0	0	0	0	
2074	542	433	0	975	3	0	0	0	0	
2075	496	433	0	929	3	0	0	0	0	
2076	505	433	0	938	3	0	0	0	0	
2077	511	433	0	945	3	0	0	0	0	
2078	515	433	0	948	3	0	0	0	0	
2079	516	433	0	949	3	0	0	0	0	
2080	517	433	0	951	3	0	0	0	0	
2081	519	433	0	952	3	0	0	0	0	
2082	520	433	0	953	3	0	0	0	0	
NOM	14,404	22,988	0	37,391	110	0	0	0	0	
NPV	1,627	3,401	0	5,028	12	0	0	0	0	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)	
2023	2.50	2.50	2.50	2.50	0.00	0.00	2.00	13.02	0.00	0.00
2024	2.50	2.50	2.50	2.50	0.00	0.00	2.00	13.71	0.00	0.00
2025	2.50	2.50	2.50	2.50	0.00	0.00	2.00	11.58	0.00	0.00
2026	2.50	2.50	2.50	2.50	0.00	0.00	2.00	12.50	0.00	0.00
2027	2.50	2.50	2.50	2.50	0.00	0.00	2.00	12.97	0.00	0.00
2028	2.50	2.50	2.50	2.50	0.00	0.00	2.00	13.11	0.00	0.00
2029	2.50	2.50	2.50	2.50	0.00	0.00	2.00	13.22	0.00	0.00
2030	2.50	2.50	2.50	2.50	0.00	0.00	2.00	13.87	0.00	0.00
2031	2.50	2.50	2.50	2.50	0.00	0.00	2.00	14.21	0.00	0.00
2032	2.50	2.50	2.50	2.50	0.00	0.00	2.00	14.58	0.00	0.00
2033	2.50	2.50	2.50	2.50	6.27	63.00	2.00	14.83	0.00	0.00
2034	2.50	2.50	2.50	2.50	6.39	65.00	2.00	15.11	0.00	0.00
2035	2.50	2.50	2.50	2.50	6.50	65.00	2.00	15.49	0.00	0.00
2036	2.50	2.50	2.50	2.50	6.37	70.00	2.00	15.83	0.00	0.00
2037	2.50	2.50	2.50	2.50	6.52	71.00	2.00	16.17	0.00	0.00
2038	2.50	2.50	2.50	2.50	6.59	74.00	2.00	16.58	0.00	0.00
2039	2.50	2.50	2.50	2.50	6.59	77.00	2.00	17.01	0.00	0.00
2040	2.50	2.50	2.50	2.50	6.77	78.00	2.00	17.36	0.00	0.00
2041	2.50	2.50	2.50	2.50	6.89	82.00	2.00	17.72	0.00	0.00
2042	2.50	2.50	2.50	2.50	6.95	81.00	2.00	18.08	0.00	0.00
2043	2.50	2.50	2.50	2.50	7.18	81.00	2.00	18.43	0.00	0.00
2044	2.50	2.50	2.50	2.50	7.37	83.00	2.00	18.88	0.00	0.00
2045	2.50	2.50	2.50	2.50	7.80	84.00	2.00	19.38	0.00	0.00
2046	2.50	2.50	2.50	2.50	7.64	86.00	2.00	19.80	0.00	0.00
2047	2.50	2.50	2.50	2.50	8.09	86.00	2.00	20.21	0.00	0.00
2048	2.50	2.50	2.50	2.50	8.47	85.00	2.00	20.58	0.00	0.00
2049	2.50	2.50	2.50	2.50	8.71	87.00	2.00	20.99	0.00	0.00
2050	2.50	2.50	2.50	2.50	9.12	88.00	2.00	21.38	0.00	0.00
2051	2.50	2.50	2.50	2.50	9.24	88.00	2.00	21.68	0.00	0.00
2052	2.50	2.50	2.50	2.50	9.13	87.00	2.00	22.14	0.00	0.00
2053	2.50	2.50	2.50	2.50	9.07	89.00	2.00	22.49	0.00	0.00
2054	2.50	2.50	2.50	2.50	8.89	90.00	2.00	22.84	0.00	0.00
2055	2.50	2.50	2.50	2.50	8.89	90.00	2.00	23.19	0.00	0.00
2056	2.50	2.50	2.50	2.50	8.72	90.00	2.00	23.55	0.00	0.00
2057	2.50	2.50	2.50	2.50	8.80	91.00	2.00	23.91	0.00	0.00
2058	2.50	2.50	2.50	2.50	8.60	92.00	2.00	24.28	0.00	0.00
2059	2.50	2.50	2.50	2.50	8.63	91.00	2.00	24.66	0.00	0.00
2060	2.50	2.50	2.50	2.50	8.53	91.00	2.00	25.03	0.00	0.00
2061	2.50	2.50	2.50	2.50	8.46	90.00	2.00	25.42	0.00	0.00
2062	2.50	2.50	2.50	2.50	8.38	91.00	2.00	25.80	0.00	0.00
2063	2.50	2.50	2.50	2.50	8.80	91.00	2.00	26.30	0.00	0.00
2064	2.50	2.50	2.50	2.50	8.59	92.00	2.00	26.80	0.00	0.00
2065	2.50	2.50	2.50	2.50	8.57	91.00	2.00	27.30	0.00	0.00
2066	2.50	2.50	2.50	2.50	8.53	91.00	2.00	27.80	0.00	0.00
2067	2.50	2.50	2.50	2.50	8.57	91.00	2.00	28.30	0.00	0.00
2068	2.50	2.50	2.50	2.50	8.50	91.00	2.00	28.80	0.00	0.00
2069	2.50	2.50	2.50	2.50	8.59	91.00	2.00	29.31	0.00	0.00
2070	2.50	2.50	2.50	2.50	8.33	91.00	2.00	29.83	0.00	0.00
2071	2.50	2.50	2.50	2.50	8.28	91.00	2.00	30.35	0.00	0.00
2072	2.50	2.50	2.50	2.50	8.23	91.00	2.00	30.88	0.00	0.00
2073	2.5	2.5	2.5	2.5	8.18	91.00	2.00	31.42	0.00	0.00
2074	2.5	2.5	2.5	2.5	8.18	91.00	2.00	31.98	0.00	0.00
2075	2.5	2.5	2.5	2.5	8.18	91.00	2.00	32.54	0.00	0.00
2076	2.5	2.5	2.5	2.5	8.18	91.00	2.00	33.12	0.00	0.00
2077	2.5	2.5	2.5	2.5	8.18	91.00	2.00	33.71	0.00	0.00
2078	2.5	2.5	2.5	2.5	8.18	91.00	2.00	34.32	0.00	0.00
2079	2.5	2.5	2.5	2.5	8.18	91.00	2.00	34.95	0.00	0.00
2080	2.5	2.5	2.5	2.5	8.18	91.00	2.00	35.59	0.00	0.00
2081	2.5	2.5	2.5	2.5	8.18	91.00	2.00	36.25	0.00	0.00
2082	2.5	2.5	2.5	2.5	8.179	91.00	2.00	36.92	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

YEAR	(2) MID-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) ITC NORMALIZATION \$(000)	(12) TOTAL FIXED CHARGES \$(000)	(13) PRESENT WORTH FIXED CHARGES \$(000)	(14) CUMULATIVE PW FIXED CHARGES \$(000)	(15) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	13,857	197	0	875	163	233	5	276	148	0	1,898	1,898	1,898	13,817
2036	13,467	191	0	851	324	228	5	276	(21)	0	1,854	1,716	3,613	13,541
2037	13,030	185	0	823	467	223	5	276	(173)	0	1,806	1,546	5,159	13,264
2038	12,609	179	0	797	594	219	5	276	(309)	0	1,760	1,394	6,553	12,988
2039	12,204	173	0	771	707	214	5	276	(430)	0	1,715	1,256	7,809	12,712
2040	11,813	168	0	746	806	209	4	276	(538)	0	1,672	1,133	8,942	12,435
2041	11,435	162	0	722	894	205	4	276	(634)	0	1,630	1,022	9,964	12,159
2042	11,069	157	0	699	970	200	4	276	(718)	0	1,589	921	10,885	11,883
2043	10,710	152	0	677	1,044	195	4	276	(800)	0	1,549	831	11,716	11,606
2044	10,351	147	0	654	1,118	191	4	276	(882)	0	1,509	749	12,465	11,330
2045	9,993	142	0	631	1,193	186	4	276	(964)	0	1,468	674	13,139	11,054
2046	9,635	137	0	609	1,267	181	4	276	(1,045)	0	1,428	607	13,746	10,777
2047	9,276	132	0	586	1,341	177	4	276	(1,127)	0	1,388	545	14,291	10,501
2048	8,918	126	0	563	1,415	172	4	276	(1,209)	0	1,348	490	14,781	10,225
2049	8,560	121	0	541	1,490	167	4	276	(1,291)	0	1,308	440	15,221	9,948
2050	8,202	116	0	518	1,564	163	3	276	(1,373)	0	1,268	394	15,615	9,672
2051	7,843	111	0	496	1,638	158	3	276	(1,455)	0	1,228	353	15,968	9,396
2052	7,485	106	0	473	1,712	153	3	276	(1,537)	0	1,187	316	16,284	9,119
2053	7,127	101	0	450	1,787	149	3	276	(1,619)	0	1,147	283	16,567	8,843
2054	6,768	96	0	428	1,861	144	3	276	(1,701)	0	1,107	252	16,819	8,567
2055	6,445	91	0	407	1,866	140	3	276	(1,713)	0	1,070	226	17,045	8,290
2056	6,193	88	0	391	1,801	135	3	276	(1,654)	0	1,041	203	17,248	8,014
2057	5,975	85	0	378	1,737	130	3	276	(1,594)	0	1,014	183	17,431	7,738
2058	5,758	82	0	364	1,674	126	3	276	(1,535)	0	988	165	17,596	7,461
2059	5,541	79	0	350	1,610	121	3	276	(1,476)	0	962	149	17,744	7,185
2060	5,324	75	0	336	1,546	116	2	276	(1,417)	0	936	134	17,878	6,909
2061	5,106	72	0	323	1,482	112	2	276	(1,358)	0	910	120	17,998	6,632
2062	4,889	69	0	309	1,419	107	2	276	(1,299)	0	883	108	18,106	6,356
2063	4,672	66	0	295	1,355	102	2	276	(1,240)	0	857	97	18,203	6,080
2064	4,454	63	0	281	1,291	98	2	276	(1,181)	0	831	87	18,290	5,803
2065	4,237	60	0	268	1,228	93	2	276	(1,122)	0	805	78	18,368	5,527
2066	4,020	57	0	254	1,164	88	2	276	(1,063)	0	778	70	18,437	5,251
2067	3,803	54	0	240	1,100	84	2	276	(1,004)	0	752	62	18,500	4,974
2068	3,585	51	0	227	1,036	79	2	276	(945)	0	726	56	18,555	4,698
2069	3,368	48	0	213	973	74	2	276	(886)	0	700	50	18,605	4,421
2070	3,151	45	0	199	909	70	1	276	(827)	0	674	44	18,649	4,145
2071	2,933	42	0	185	845	65	1	276	(768)	0	647	39	18,688	3,869
2072	2,716	39	0	172	782	60	1	276	(709)	0	621	35	18,723	3,592
2073	2,499	35	0	158	718	56	1	276	(650)	0	595	31	18,754	3,316
2074	2,282	32	0	144	654	51	1	276	(591)	0	569	27	18,781	3,040
2075	2,064	29	0	130	590	47	1	276	(531)	0	543	24	18,806	2,763
2076	1,847	26	0	117	527	47	1	276	(472)	0	521	21	18,827	2,763
2077	1,630	23	0	103	463	47	1	276	(413)	0	500	19	18,846	2,763
2078	1,412	20	0	89	399	47	1	276	(354)	0	478	17	18,863	2,763
2079	1,195	17	0	76	336	47	1	276	(295)	0	457	15	18,878	2,763
2080	978	14	0	62	272	47	1	276	(236)	0	435	13	18,891	2,763
2081	761	11	0	48	208	47	1	276	(177)	0	414	12	18,902	2,763
2082	543	8	0	34	144	47	1	276	(118)	0	392	10	18,912	2,763
2083	326	5	0	21	81	47	1	276	(59)	0	371	9	18,921	2,763
2084	109	2	0	7	17	47	1	276	(0)	0	349	8	18,929	2,763

IN SERVICE COST (\$000)	13,817
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	468	468	276	276	276	276	148	2,167	0	0	0	148	356
2036	7.22%	900	1,368	276	553	276	553	(21)	2,167	0	0	0	(21)	336
2037	6.68%	833	2,201	276	829	276	829	(173)	2,167	0	0	0	(173)	163
2038	6.18%	770	2,971	276	1,105	276	1,105	(309)	2,167	0	0	0	(309)	(146)
2039	5.71%	712	3,683	276	1,382	276	1,382	(430)	2,167	0	0	0	(430)	(576)
2040	5.29%	659	4,342	276	1,658	276	1,658	(538)	2,167	0	0	0	(538)	(1,114)
2041	4.89%	610	4,952	276	1,934	276	1,934	(634)	2,167	0	0	0	(634)	(1,748)
2042	4.52%	564	5,516	276	2,211	276	2,211	(718)	2,167	0	0	0	(718)	(2,466)
2043	4.46%	556	6,072	276	2,487	276	2,487	(800)	2,167	0	0	0	(800)	(3,265)
2044	4.46%	556	6,629	276	2,763	276	2,763	(882)	2,167	0	0	0	(882)	(4,147)
2045	4.46%	556	7,185	276	3,040	276	3,040	(964)	2,167	0	0	0	(964)	(5,110)
2046	4.46%	556	7,741	276	3,316	276	3,316	(1,045)	2,167	0	0	0	(1,045)	(6,156)
2047	4.46%	556	8,298	276	3,592	276	3,592	(1,127)	2,167	0	0	0	(1,127)	(7,283)
2048	4.46%	556	8,854	276	3,869	276	3,869	(1,209)	2,167	0	0	0	(1,209)	(8,492)
2049	4.46%	556	9,411	276	4,145	276	4,145	(1,291)	2,167	0	0	0	(1,291)	(9,784)
2050	4.46%	556	9,967	276	4,421	276	4,421	(1,373)	2,167	0	0	0	(1,373)	(11,157)
2051	4.46%	556	10,523	276	4,698	276	4,698	(1,455)	2,167	0	0	0	(1,455)	(12,612)
2052	4.46%	556	11,080	276	4,974	276	4,974	(1,537)	2,167	0	0	0	(1,537)	(14,150)
2053	4.46%	556	11,636	276	5,251	276	5,251	(1,619)	2,167	0	0	0	(1,619)	(15,769)
2054	4.46%	556	12,192	276	5,527	276	5,527	(1,701)	2,167	0	0	0	(1,701)	(17,470)
2055	2.23%	278	12,471	276	5,803	276	5,803	(1,713)	2,167	0	0	0	(1,713)	(19,182)
2056	0.00%	0	12,471	276	6,080	276	6,080	(1,654)	2,167	0	0	0	(1,654)	(20,836)
2057	0.00%	0	12,471	276	6,356	276	6,356	(1,594)	2,167	0	0	0	(1,594)	(22,430)
2058	0.00%	0	12,471	276	6,632	276	6,632	(1,535)	2,167	0	0	0	(1,535)	(23,966)
2059	0.00%	0	12,471	276	6,909	276	6,909	(1,476)	2,167	0	0	0	(1,476)	(25,442)
2060	0.00%	0	12,471	276	7,185	276	7,185	(1,417)	2,167	0	0	0	(1,417)	(26,860)
2061	0.00%	0	12,471	276	7,461	276	7,461	(1,358)	2,167	0	0	0	(1,358)	(28,218)
2062	0.00%	0	12,471	276	7,738	276	7,738	(1,299)	2,167	0	0	0	(1,299)	(29,517)
2063	0.00%	0	12,471	276	8,014	276	8,014	(1,240)	2,167	0	0	0	(1,240)	(30,757)
2064	0.00%	0	12,471	276	8,290	276	8,290	(1,181)	2,167	0	0	0	(1,181)	(31,938)
2065	0.00%	0	12,471	276	8,567	276	8,567	(1,122)	2,167	0	0	0	(1,122)	(33,060)
2066	0.00%	0	12,471	276	8,843	276	8,843	(1,063)	2,167	0	0	0	(1,063)	(34,123)
2067	0.00%	0	12,471	276	9,119	276	9,119	(1,004)	2,167	0	0	0	(1,004)	(35,127)
2068	0.00%	0	12,471	276	9,396	276	9,396	(945)	2,167	0	0	0	(945)	(36,072)
2069	0.00%	0	12,471	276	9,672	276	9,672	(886)	2,167	0	0	0	(886)	(36,958)
2070	0.00%	0	12,471	276	9,948	276	9,948	(827)	2,167	0	0	0	(827)	(37,785)
2071	0.00%	0	12,471	276	10,225	276	10,225	(768)	2,167	0	0	0	(768)	(38,552)
2072	0.00%	0	12,471	276	10,501	276	10,501	(709)	2,167	0	0	0	(709)	(39,261)
2073	0.00%	0	12,471	276	10,777	276	10,777	(650)	2,167	0	0	0	(650)	(39,911)
2074	0.00%	0	12,471	276	11,054	276	11,054	(591)	2,167	0	0	0	(591)	(40,501)
2075	0.00%	0	12,471	276	11,330	276	11,330	(531)	2,167	0	0	0	(531)	(41,033)
2076	0.00%	0	12,471	276	11,606	276	11,606	(472)	2,167	0	0	0	(472)	(41,505)
2077	0.00%	0	12,471	276	11,883	276	11,883	(413)	2,167	0	0	0	(413)	(41,918)
2078	0.00%	0	12,471	276	12,159	276	12,159	(354)	2,167	0	0	0	(354)	(42,273)
2079	0.00%	0	12,471	276	12,435	276	12,435	(295)	2,167	0	0	0	(295)	(42,568)
2080	0.00%	0	12,471	276	12,712	276	12,712	(236)	2,167	0	0	0	(236)	(42,804)
2081	0.00%	0	12,471	276	12,988	276	12,988	(177)	2,167	0	0	0	(177)	(42,981)
2082	0.00%	0	12,471	276	13,264	276	13,264	(118)	2,167	0	0	0	(118)	(43,100)
2083	0.00%	0	12,471	276	13,541	276	13,541	(59)	2,167	0	0	0	(59)	(43,159)
2084	0.00%	0	12,471	276	13,817	276	13,817	(0)	2,167	0	0	0	(0)	(43,159)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	208
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2,167
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2035	3.75%	468	148	13,541	276	356	14,025	13,689	13,857
2036	7.22%	900	(21)	13,264	553	336	13,689	13,244	13,467
2037	6.68%	833	(173)	12,988	829	163	13,244	12,816	13,030
2038	6.18%	770	(309)	12,712	1,105	(146)	12,816	12,403	12,609
2039	5.71%	712	(430)	12,435	1,382	(576)	12,403	12,005	12,204
2040	5.29%	659	(538)	12,159	1,658	(1,114)	12,005	11,621	11,813
2041	4.89%	610	(634)	11,883	1,934	(1,748)	11,621	11,249	11,435
2042	4.52%	564	(718)	11,606	2,211	(2,466)	11,249	10,889	11,069
2043	4.46%	556	(800)	11,330	2,487	(3,265)	10,889	10,531	10,710
2044	4.46%	556	(882)	11,054	2,763	(4,147)	10,531	10,172	10,351
2045	4.46%	556	(964)	10,777	3,040	(5,110)	10,172	9,814	9,993
2046	4.46%	556	(1,045)	10,501	3,316	(6,156)	9,814	9,456	9,635
2047	4.46%	556	(1,127)	10,225	3,592	(7,283)	9,456	9,097	9,276
2048	4.46%	556	(1,209)	9,948	3,869	(8,492)	9,097	8,739	8,918
2049	4.46%	556	(1,291)	9,672	4,145	(9,784)	8,739	8,381	8,560
2050	4.46%	556	(1,373)	9,396	4,421	(11,157)	8,381	8,022	8,202
2051	4.46%	556	(1,455)	9,119	4,698	(12,612)	8,022	7,664	7,843
2052	4.46%	556	(1,537)	8,843	4,974	(14,150)	7,664	7,306	7,485
2053	4.46%	556	(1,619)	8,567	5,251	(15,769)	7,306	6,947	7,127
2054	4.46%	556	(1,701)	8,290	5,527	(17,470)	6,947	6,589	6,768
2055	2.23%	278	(1,713)	8,014	5,803	(19,182)	6,589	6,301	6,445
2056	0.00%	0	(1,654)	7,738	6,080	(20,836)	6,301	6,084	6,193
2057	0.00%	0	(1,594)	7,461	6,356	(22,430)	6,084	5,867	5,975
2058	0.00%	0	(1,535)	7,185	6,632	(23,966)	5,867	5,650	5,758
2059	0.00%	0	(1,476)	6,909	6,909	(25,442)	5,650	5,432	5,541
2060	0.00%	0	(1,417)	6,632	7,185	(26,860)	5,432	5,215	5,324
2061	0.00%	0	(1,358)	6,356	7,461	(28,218)	5,215	4,998	5,106
2062	0.00%	0	(1,299)	6,080	7,738	(29,517)	4,998	4,780	4,889
2063	0.00%	0	(1,240)	5,803	8,014	(30,757)	4,780	4,563	4,672
2064	0.00%	0	(1,181)	5,527	8,290	(31,938)	4,563	4,346	4,454
2065	0.00%	0	(1,122)	5,251	8,567	(33,060)	4,346	4,128	4,237
2066	0.00%	0	(1,063)	4,974	8,843	(34,123)	4,128	3,911	4,020
2067	0.00%	0	(1,004)	4,698	9,119	(35,127)	3,911	3,694	3,803
2068	0.00%	0	(945)	4,421	9,396	(36,072)	3,694	3,477	3,585
2069	0.00%	0	(886)	4,145	9,672	(36,958)	3,477	3,259	3,368
2070	0.00%	0	(827)	3,869	9,948	(37,785)	3,259	3,042	3,151
2071	0.00%	0	(768)	3,592	10,225	(38,552)	3,042	2,825	2,933
2072	0.00%	0	(709)	3,316	10,501	(39,261)	2,825	2,607	2,716
2073	0.00%	0	(650)	3,040	10,777	(39,911)	2,607	2,390	2,499
2074	0.00%	0	(591)	2,763	11,054	(40,501)	2,390	2,173	2,282
2075	0.00%	0	(531)	2,487	11,330	(41,033)	2,173	1,956	2,064
2076	0.00%	0	(472)	2,211	11,606	(41,505)	1,956	1,738	1,847
2077	0.00%	0	(413)	1,934	11,883	(41,918)	1,738	1,521	1,630
2078	0.00%	0	(354)	1,658	12,159	(42,273)	1,521	1,304	1,412
2079	0.00%	0	(295)	1,382	12,435	(42,568)	1,304	1,086	1,195
2080	0.00%	0	(236)	1,105	12,712	(42,804)	1,086	869	978
2081	0.00%	0	(177)	829	12,988	(42,981)	869	652	761
2082	0.00%	0	(118)	553	13,264	(43,100)	652	435	543
2083	0.00%	0	(59)	276	13,541	(43,159)	435	217	326
2084	0.00%	0	(0)	0	13,817	(43,159)	217	(0)	109

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

(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)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	205.19	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	606.98	8.48	11.35	37.69	20.86	28.06	3.14	4.23	405.38	828.51
2032	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	230.69	1,059.20
2033	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	65.34	1,124.54
2034	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	11,021	11,021	11,021
EQUITY AFUDC	2,167		
DEBT AFUDC	629	629	
CPI			1,450
IIC Basis Reduction (Solar)			
TOTAL	13,817	11,650	12,471

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	1,090	1,090	2.97	4.08	2.97	0.00	1.00	1.00
2026	2,171	2,171	3.41	4.22	3.41	0.00	1.00	1.00
2027	3,243	3,243	3.37	3.79	3.37	0.00	1.00	1.00
2028	4,308	4,308	3.51	3.97	3.51	0.00	1.00	1.00
2029	5,366	5,366	3.59	4.12	3.59	0.00	1.00	1.00
2030	6,418	6,418	3.29	3.86	3.29	0.00	1.00	1.00
2031	7,464	7,464	3.07	3.84	3.07	0.00	1.00	1.00
2032	8,505	8,505	2.95	3.77	2.95	0.00	1.00	1.00
2033	9,541	9,541	3.33	3.96	3.33	6.88	1.00	1.00
2034	10,573	10,573	3.53	4.20	3.53	6.98	1.00	1.00
2035	10,573	10,573	3.86	4.38	3.86	7.13	1.00	1.00
2036	10,573	10,573	4.00	4.51	4.00	6.98	1.00	1.00
2037	10,573	10,573	4.20	4.66	4.20	7.15	1.00	1.00
2038	10,573	10,573	4.53	5.09	4.53	7.22	1.00	1.00
2039	10,573	10,573	4.72	5.25	4.72	7.16	1.00	1.00
2040	10,573	10,573	5.06	5.54	5.06	7.38	1.00	1.00
2041	10,573	10,573	5.39	5.95	5.39	7.51	1.00	1.00
2042	10,573	10,573	5.49	6.22	5.49	7.59	1.00	1.00
2043	10,573	10,573	5.72	6.05	5.72	7.82	1.00	1.00
2044	10,573	10,573	6.11	6.59	6.11	8.08	1.00	1.00
2045	10,573	10,573	6.50	7.14	6.50	8.49	1.00	1.00
2046	10,573	10,573	6.71	7.25	6.71	8.36	1.00	1.00
2047	10,573	10,573	7.07	7.31	7.07	8.85	1.00	1.00
2048	10,573	10,573	7.41	7.81	7.41	9.24	1.00	1.00
2049	10,573	10,573	7.89	8.28	7.89	9.55	1.00	1.00
2050	10,573	10,573	8.54	9.15	8.54	10.09	1.00	1.00
2051	10,573	10,573	8.49	9.06	8.49	10.16	1.00	1.00
2052	10,573	10,573	8.54	9.07	8.54	10.08	1.00	1.00
2053	10,573	10,573	8.58	9.02	8.58	10.06	1.00	1.00
2054	10,573	10,573	8.61	8.90	8.61	9.85	1.00	1.00
2055	10,573	10,573	8.57	8.99	8.57	9.91	1.00	1.00
2056	10,573	10,573	8.54	8.92	8.54	9.73	1.00	1.00
2057	10,573	10,573	8.59	8.79	8.59	9.80	1.00	1.00
2058	10,573	10,573	8.51	8.67	8.51	9.59	1.00	1.00
2059	10,573	10,573	8.55	8.81	8.55	9.63	1.00	1.00
2060	10,573	10,573	8.59	8.79	8.59	9.54	1.00	1.00
2061	10,573	10,573	8.43	8.56	8.43	9.45	1.00	1.00
2062	10,573	10,573	8.42	8.75	8.42	9.27	1.00	1.00
2063	10,573	10,573	8.49	8.81	8.49	9.73	1.00	1.00
2064	10,573	10,573	8.47	8.45	8.47	9.62	1.00	1.00
2065	10,573	10,573	8.37	8.61	8.37	9.50	1.00	1.00
2066	10,573	10,573	8.32	8.52	8.32	9.49	1.00	1.00
2067	10,573	10,573	8.33	8.51	8.33	9.47	1.00	1.00
2068	10,573	10,573	8.39	8.39	8.39	9.42	1.00	1.00
2069	10,573	10,573	8.39	8.39	8.39	9.50	1.00	1.00
2070	10,573	10,573	8.39	8.39	8.39	9.30	1.00	1.00
2071	10,573	10,573	8.39	8.39	8.39	9.26	1.00	1.00
2072	10,573	10,573	8.39	8.39	8.39	9.22	1.00	1.00
2073	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2074	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2075	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2076	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2077	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2078	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2079	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2080	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2081	10,573	10,573	8.39	8.39	8.39	9.18	1.00	1.00
2082	10,573	10,573	8.39	8.39	8.39	9.18	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: 2025 DSM Plan - BOC

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	1,898	185	7	4284	4699	1674
2036	1,854	189	8	4521	4956	1616
2037	1,806	194	8	4696	5146	1559
2038	1,760	199	9	4941	5421	1488
2039	1,715	204	9	5144	5589	1484
2040	1,672	209	10	5352	5840	1403
2041	1,630	214	10	5725	6241	1338
2042	1,589	220	10	5707	6235	1291
2043	1,549	225	11	5895	6425	1254
2044	1,509	231	11	6203	6804	1149
2045	1,468	237	12	6644	7233	1128
2046	1,428	242	12	6659	7291	1051
2047	1,388	248	13	7051	7713	987
2048	1,348	255	13	7304	7964	955
2049	1,308	261	13	7680	8427	834
2050	1,268	268	14	8137	9005	682
2051	1,228	274	14	8247	9062	701
2052	1,187	281	14	8056	8890	649
2053	1,147	288	15	8182	9082	550
2054	1,107	295	16	8117	8987	548
2055	1,070	303	16	8112	9045	456
2056	1,041	310	16	7958	8877	449
2057	1,014	318	17	8119	9043	426
2058	988	326	18	8020	8947	405
2059	962	334	18	7965	8887	393
2060	936	343	18	7868	8802	363
2061	910	351	19	7716	8622	374
2062	883	360	19	7729	8550	441
2063	857	369	20	8117	8982	380
2064	831	378	20	8009	8975	264
2065	805	388	21	7909	8764	358
2066	778	397	21	7868	8753	312
2067	752	407	22	7910	8734	357
2068	726	417	22	7846	8693	319
2069	700	428	23	7928	8767	312
2070	674	438	23	7683	8581	238
2071	647	449	24	7638	8544	214
2072	621	461	25	7592	8507	191
2073	595	472	25	7547	8471	169
2074	569	484	26	7547	8471	155
2075	543	496	26	7547	8471	141
2076	521	508	27	7547	8471	133
2077	500	521	28	7547	8471	125
2078	478	534	29	7547	8471	117
2079	457	548	29	7547	8471	110
2080	435	561	30	7547	8471	103
2081	414	575	31	7547	8471	96
2082	392	590	31	7547	8471	90
NOM	49,959	16,787	873	346,004	383,792	29,830
NPV	7,431.03	1,293.02	63	31,975	35,176	5,586

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - BOC

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	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	1	0
2036	0	0	0	0	0	0	1	0
2037	0	0	0	0	0	0	1	0
2038	0	0	0	0	0	0	1	0
2039	0	0	0	0	0	0	1	0
2040	0	0	0	0	0	0	1	0
2041	0	0	0	0	0	0	1	0
2042	0	0	0	0	0	0	1	0
2043	0	0	0	0	0	0	1	0
2044	0	0	0	0	0	0	1	0
2045	0	0	0	0	0	0	1	0
2046	0	0	0	0	0	0	1	0
2047	0	0	0	0	0	0	1	0
2048	0	0	0	0	0	0	1	0
2049	0	0	0	0	0	0	1	0
2050	0	0	0	0	0	0	1	0
2051	0	0	0	0	0	0	1	0
2052	0	0	0	0	0	0	1	0
2053	0	0	0	0	0	0	1	0
2054	0	0	0	0	0	0	1	0
2055	0	0	0	0	0	0	1	0
2056	0	0	0	0	0	0	1	0
2057	0	0	0	0	0	0	1	0
2058	0	0	0	0	0	0	1	0
2059	0	0	0	0	0	0	1	0
2060	0	0	0	0	0	0	1	0
2061	0	0	0	0	0	0	1	0
2062	0	0	0	0	0	0	1	0
2063	0	0	0	0	0	0	1	0
2064	0	0	0	0	0	0	1	0
2065	0	0	0	0	0	0	1	0
2066	0	0	0	0	0	0	1	0
2067	0	0	0	0	0	0	1	0
2068	0	0	0	0	0	0	1	0
2069	0	0	0	0	0	0	1	0
2070	0	0	0	0	0	0	1	0
2071	0	0	0	0	0	0	1	0
2072	0	0	0	0	0	0	1	0
2073	0	0	0	0	0	0	1	0
2074	0	0	0	0	0	0	1	0
2075	0	0	0	0	0	0	1	0
2076	0	0	0	0	0	0	1	0
2077	0	0	0	0	0	0	1	0
2078	0	0	0	0	0	0	1	0
2079	0	0	0	0	0	0	1	0
2080	0	0	0	0	0	0	1	0
2081	0	0	0	0	0	0	1	0
2082	0	0	0	0	0	0	1	0
NOM	0	0.00	0	0	0	0	45	0
NPV	0	0	0	0	0	0	5	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	(0)
2036	0	0	0	0	(0)
2037	0	0	0	0	(0)
2038	0	0	0	0	(0)
2039	0	0	0	0	(0)
2040	0	0	0	0	(0)
2041	0	0	0	0	(0)
2042	0	0	0	0	(0)
2043	0	0	0	0	(0)
2044	0	0	0	0	(0)
2045	0	0	0	0	(0)
2046	0	0	0	0	(0)
2047	0	0	0	0	(0)
2048	0	0	0	0	(0)
2049	0	0	0	0	(0)
2050	0	0	0	0	(0)
2051	0	0	0	0	(0)
2052	0	0	0	0	(0)
2053	0	0	0	0	(0)
2054	0	0	0	0	(0)
2055	0	0	0	0	(0)
2056	0	0	0	0	(0)
2057	0	0	0	0	(0)
2058	0	0	0	0	(0)
2059	0	0	0	0	(0)
2060	0	0	0	0	(0)
2061	0	0	0	0	(0)
2062	0	0	0	0	(0)
2063	0	0	0	0	(0)
2064	0	0	0	0	(0)
2065	0	0	0	0	(0)
2066	0	0	0	0	(0)
2067	0	0	0	0	(0)
2068	0	0	0	0	(0)
2069	0	0	0	0	(0)
2070	0	0	0	0	(0)
2071	0	0	0	0	(0)
2072	0	0	0	0	(0)
2073	0	0	0	0	(0)
2074	0	0	0	0	(0)
2075	0	0	0	0	(0)
2076	0	0	0	0	(0)
2077	0	0	0	0	(0)
2078	0	0	0	0	(0)
2079	0	0	0	0	(0)
2080	0	0	0	0	(0)
2081	0	0	0	0	(0)
2082	0	0	0	0	(0)
NOM	16	18	0	0	(2)
NPV	2	2	0	0	(0)

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	49	0	0	49	0	0	0	0	0	(49)	(42)
2026	0	78	0	0	78	0	0	0	0	0	(78)	(103)
2027	0	106	0	0	106	0	0	0	0	0	(106)	(181)
2028	0	134	0	0	134	0	0	0	0	0	(133)	(272)
2029	0	160	0	0	160	0	0	0	0	0	(160)	(372)
2030	0	168	0	0	168	0	0	0	0	0	(168)	(469)
2031	0	175	0	0	175	0	0	0	0	0	(175)	(563)
2032	0	183	0	0	183	0	0	0	0	0	(183)	(654)
2033	0	191	0	0	191	0	0	0	0	0	(191)	(741)
2034	0	199	0	0	199	0	0	0	0	0	(199)	(826)
2035	0	150	0	0	150	1,674	0	1	(0)	1,674	1,525	(227)
2036	0	123	0	0	123	1,616	0	1	(0)	1,616	1,494	316
2037	0	98	0	0	98	1,559	0	1	(0)	1,559	1,462	808
2038	0	73	0	0	73	1,488	0	1	(0)	1,488	1,415	1,248
2039	0	50	0	0	50	1,484	0	1	(0)	1,484	1,434	1,661
2040	0	50	0	0	50	1,403	0	1	(0)	1,404	1,353	2,021
2041	0	51	0	0	51	1,338	0	1	(0)	1,338	1,288	2,338
2042	0	52	0	0	52	1,291	0	1	(0)	1,292	1,240	2,621
2043	0	52	0	0	52	1,254	0	1	(0)	1,255	1,203	2,874
2044	0	53	0	0	53	1,149	0	1	(0)	1,150	1,097	3,088
2045	0	127	0	0	127	1,128	0	1	(0)	1,129	1,002	3,269
2046	0	170	0	0	170	1,051	0	1	(0)	1,052	882	3,416
2047	0	210	0	0	210	987	0	1	(0)	988	778	3,536
2048	0	249	0	0	249	955	0	1	(0)	956	707	3,637
2049	0	287	0	0	287	834	0	1	(0)	835	548	3,709
2050	0	296	0	0	296	682	0	1	(0)	683	387	3,757
2051	0	304	0	0	304	701	0	1	(0)	702	398	3,802
2052	0	312	0	0	312	649	0	1	(0)	650	338	3,837
2053	0	321	0	0	321	550	0	1	(0)	551	230	3,859
2054	0	330	0	0	330	548	0	1	(0)	549	219	3,879
2055	0	247	0	0	247	456	0	1	(0)	457	210	3,896
2056	0	202	0	0	202	449	0	1	(0)	450	248	3,915
2057	0	160	0	0	160	426	0	1	(0)	427	266	3,934
2058	0	120	0	0	120	405	0	1	(0)	406	286	3,953
2059	0	82	0	0	82	393	0	1	(0)	394	312	3,972
2060	0	82	0	0	82	363	0	1	(0)	364	281	3,988
2061	0	83	0	0	83	374	0	1	(0)	375	291	4,003
2062	0	85	0	0	85	441	0	1	(0)	442	357	4,020
2063	0	86	0	0	86	380	0	1	(0)	381	295	4,033
2064	0	86	0	0	86	264	0	1	(0)	265	178	4,040
2065	0	208	0	0	208	358	0	1	(0)	359	151	4,046
2066	0	278	0	0	278	312	0	1	(0)	313	34	4,047
2067	0	344	0	0	344	357	0	1	(0)	358	14	4,048
2068	0	408	0	0	408	319	0	1	(0)	319	(88)	4,045
2069	0	470	0	0	470	312	0	1	(0)	313	(157)	4,041
2070	0	485	0	0	485	238	0	1	(0)	239	(246)	4,034
2071	0	497	0	0	497	214	0	1	(0)	215	(282)	4,028
2072	0	511	0	0	511	191	0	1	(0)	192	(319)	4,021
2073	0	526	0	0	526	169	0	1	(0)	170	(357)	4,013
2074	0	542	0	0	542	155	0	1	(0)	156	(386)	4,006
2075	0	496	0	0	496	141	0	1	(0)	142	(353)	4,000
2076	0	505	0	0	505	133	0	1	(0)	134	(371)	3,994
2077	0	511	0	0	511	125	0	1	(0)	126	(385)	3,988
2078	0	515	0	0	515	117	0	1	(0)	118	(397)	3,983
2079	0	516	0	0	516	110	0	1	(0)	111	(405)	3,977
2080	0	517	0	0	517	103	0	1	(0)	104	(414)	3,973
2081	0	519	0	0	519	96	0	1	(0)	97	(422)	3,968
2082	0	520	0	0	520	90	0	1	(0)	91	(429)	3,964
NOM	0	14,404	0	0	14,404	29,829.88	0	45	(2)	29,873	15,469	
NPV	0	1,627	0	0	1,627	5,586	0	5	(0)	5,590.56	3,964	

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

8.10 %
 3.44

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - BOC

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	22	0	22	0	0	0	22	22	19
2026	0	0	67	0	67	0	0	0	67	67	72
2027	0	0	111	0	111	0	0	0	111	111	154
2028	0	0	155	0	155	0	0	0	155	155	259
2029	1	0	198	0	199	0	0	0	199	199	384
2030	1	0	241	0	242	0	0	0	242	242	524
2031	1	0	284	0	285	0	0	0	285	285	677
2032	1	0	327	0	328	0	0	0	328	328	840
2033	1	0	370	0	371	0	0	0	371	371	1,011
2034	1	0	412	0	414	0	0	0	414	414	1,186
2035	2	0	433	0	435	0	0	0	435	435	1,357
2036	2	0	433	0	435	0	0	0	435	435	1,515
2037	2	0	433	0	435	0	0	0	435	435	1,661
2038	2	0	433	0	435	0	0	0	435	435	1,797
2039	2	0	433	0	435	0	0	0	435	435	1,922
2040	2	0	433	0	435	0	0	0	435	435	2,038
2041	2	0	433	0	435	0	0	0	435	435	2,145
2042	2	0	433	0	435	0	0	0	435	435	2,244
2043	2	0	433	0	435	0	0	0	435	435	2,336
2044	2	0	433	0	435	0	0	0	435	435	2,421
2045	2	0	433	0	435	0	0	0	435	435	2,499
2046	2	0	433	0	435	0	0	0	435	435	2,572
2047	2	0	433	0	435	0	0	0	435	435	2,639
2048	2	0	433	0	435	0	0	0	435	435	2,701
2049	2	0	433	0	435	0	0	0	435	435	2,759
2050	2	0	433	0	436	0	0	0	436	436	2,812
2051	2	0	433	0	436	0	0	0	436	436	2,861
2052	2	0	433	0	436	0	0	0	436	436	2,907
2053	2	0	433	0	436	0	0	0	436	436	2,949
2054	2	0	433	0	436	0	0	0	436	436	2,988
2055	2	0	433	0	436	0	0	0	436	436	3,024
2056	2	0	433	0	436	0	0	0	436	436	3,058
2057	2	0	433	0	436	0	0	0	436	436	3,088
2058	3	0	433	0	436	0	0	0	436	436	3,117
2059	3	0	433	0	436	0	0	0	436	436	3,143
2060	3	0	433	0	436	0	0	0	436	436	3,168
2061	3	0	433	0	436	0	0	0	436	436	3,191
2062	3	0	433	0	436	0	0	0	436	436	3,212
2063	3	0	433	0	436	0	0	0	436	436	3,231
2064	3	0	433	0	436	0	0	0	436	436	3,249
2065	3	0	433	0	436	0	0	0	436	436	3,265
2066	3	0	433	0	436	0	0	0	436	436	3,281
2067	3	0	433	0	436	0	0	0	436	436	3,295
2068	3	0	433	0	436	0	0	0	436	436	3,308
2069	3	0	433	0	436	0	0	0	436	436	3,320
2070	3	0	433	0	436	0	0	0	436	436	3,331
2071	3	0	433	0	436	0	0	0	436	436	3,342
2072	3	0	433	0	437	0	0	0	437	437	3,352
2073	3	0	433	0	437	0	0	0	437	437	3,360
2074	3	0	433	0	437	0	0	0	437	437	3,369
2075	3	0	433	0	437	0	0	0	437	437	3,376
2076	3	0	433	0	437	0	0	0	437	437	3,383
2077	4	0	433	0	437	0	0	0	437	437	3,390
2078	4	0	433	0	437	0	0	0	437	437	3,396
2079	4	0	433	0	437	0	0	0	437	437	3,401
2080	4	0	433	0	437	0	0	0	437	437	3,407
2081	4	0	433	0	437	0	0	0	437	437	3,411
2082	4	0	433	0	437	0	0	0	437	437	3,416
NOM	132	0	22,988	0	23,120	0	0	0	23,120	23,120	
NPV	14	0	3,401	0	3,416	0	0	0	3,416	3,416	

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

2035
8.10 %
Infinite

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - BOC

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	49	22	0	0	71	0	0	0	0	(71)	(61)	
2026	0	78	67	0	0	145	0	0	0	0	(145)	(176)	
2027	0	106	111	0	0	218	0	0	0	0	(217)	(335)	
2028	0	134	155	0	0	289	0	0	0	0	(289)	(530)	
2029	0	160	198	1	0	359	0	0	0	0	(359)	(755)	
2030	0	168	241	1	0	410	0	0	0	0	(410)	(993)	
2031	0	175	284	1	0	460	0	0	0	0	(460)	(1,240)	
2032	0	183	327	1	0	511	0	0	0	0	(511)	(1,493)	
2033	0	191	370	1	0	562	0	0	0	0	(562)	(1,751)	
2034	0	199	412	1	0	613	0	0	0	0	(612)	(2,011)	
2035	0	150	433	1	0	584	1,675	0	(0)	1,674	1,090	(1,583)	
2036	0	123	433	1	0	557	1,616	0	(0)	1,616	1,059	(1,198)	
2037	0	98	433	1	0	532	1,559	0	(0)	1,559	1,027	(853)	
2038	0	73	433	1	0	508	1,488	0	(0)	1,488	980	(548)	
2039	0	50	433	1	0	485	1,484	0	(0)	1,484	999	(260)	
2040	0	50	433	1	0	485	1,404	0	(0)	1,404	919	(16)	
2041	0	51	433	2	0	486	1,339	0	(0)	1,338	853	194	
2042	0	52	433	2	0	487	1,292	0	(0)	1,292	805	378	
2043	0	52	433	2	0	487	1,255	0	(0)	1,255	768	540	
2044	0	53	433	2	0	488	1,150	0	(0)	1,150	662	669	
2045	0	127	433	2	0	562	1,129	0	(0)	1,129	567	771	
2046	0	170	433	2	0	605	1,052	0	(0)	1,052	447	845	
2047	0	210	433	2	0	645	988	0	(0)	988	343	898	
2048	0	249	433	2	0	684	956	0	(0)	956	272	937	
2049	0	287	433	2	0	722	835	0	(0)	835	113	952	
2050	0	296	433	2	0	731	683	0	(0)	683	(48)	946	
2051	0	304	433	2	0	739	702	0	(0)	702	(37)	942	
2052	0	312	433	2	0	747	650	0	(0)	650	(97)	932	
2053	0	321	433	2	0	757	551	0	(0)	551	(205)	912	
2054	0	330	433	2	0	766	549	0	(0)	549	(217)	893	
2055	0	247	433	2	0	682	457	0	(0)	457	(225)	874	
2056	0	202	433	2	0	637	450	0	(0)	450	(188)	860	
2057	0	160	433	2	0	596	427	0	(0)	427	(169)	848	
2058	0	120	433	2	0	556	406	0	(0)	406	(150)	838	
2059	0	82	433	2	0	518	394	0	(0)	394	(124)	830	
2060	0	82	433	2	0	518	364	0	(0)	364	(154)	822	
2061	0	83	433	2	0	519	375	0	(0)	375	(144)	814	
2062	0	85	433	2	0	521	442	0	(0)	442	(78)	811	
2063	0	86	433	2	0	522	381	0	(0)	381	(140)	804	
2064	0	86	433	2	0	522	265	0	(0)	265	(257)	794	
2065	0	208	433	2	0	644	359	0	(0)	359	(285)	783	
2066	0	278	433	2	0	714	313	0	(0)	313	(401)	769	
2067	0	344	433	2	0	780	358	0	(0)	358	(422)	755	
2068	0	408	433	2	0	844	319	0	(0)	319	(524)	739	
2069	0	470	433	3	0	906	313	0	(0)	313	(593)	723	
2070	0	485	433	3	0	920	239	0	(0)	239	(682)	705	
2071	0	497	433	3	0	933	215	0	(0)	215	(718)	688	
2072	0	511	433	3	0	947	192	0	(0)	192	(755)	671	
2073	0	526	433	3	0	963	170	0	(0)	170	(793)	655	
2074	0	542	433	3	0	978	156	0	(0)	156	(822)	640	
2075	0	496	433	3	0	932	142	0	(0)	142	(790)	626	
2076	0	505	433	3	0	941	134	0	(0)	134	(807)	613	
2077	0	511	433	3	0	948	126	0	(0)	126	(822)	601	
2078	0	515	433	3	0	951	118	0	(0)	118	(833)	589	
2079	0	516	433	3	0	952	111	0	(0)	111	(842)	578	
2080	0	517	433	3	0	954	104	0	(0)	104	(850)	568	
2081	0	519	433	3	0	955	97	0	(0)	97	(858)	559	
2082	0	520	433	3	0	956	91	0	(0)	91	(866)	550	
NOM	0	14,404	22,988	110	0	37,501	29,874.53	0.00	0.00	(1.97)	29,873	(7,628)	
NPV	0	1,627	3,401	12	0	5,040	5,591	0	0	(0)	5,591	550	

Discount Rate :
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.10 %
1.11

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.94 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.2127 kW
(3) kW LINE LOSS PERCENTAGE	5.283657933 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	11.48 kWh ****
(5) kWh LINE LOSS PERCENTAGE	4.193444662 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh ****

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.36996
(5) K FACTOR FOR T & D	1.30645

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.3465858 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/kW
(6) BASE YEAR DISTRIBUTION COST	0 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.86790512 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	0 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.00795207 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.499 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.792
(2) TRC TEST	41.937
(3) PARTICIPANT TEST	Infinite

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	43	343	0	386	2	0	0	0	0	
2026	50	1,025	0	1,075	7	0	0	0	0	
2027	57	1,700	0	1,758	12	0	0	0	0	
2028	50	2,265	0	2,315	16	0	0	0	0	
2029	56	2,720	0	2,775	19	0	0	0	0	
2030	61	3,170	0	3,231	23	0	0	0	0	
2031	67	3,616	0	3,683	27	0	0	0	0	
2032	73	4,057	0	4,130	30	0	0	0	0	
2033	79	4,494	0	4,573	34	0	0	0	0	
2034	85	4,926	0	5,012	38	0	0	0	0	
2035	57	4,926	0	4,984	41	0	0	0	0	
2036	59	4,926	0	4,985	42	0	0	0	0	
2037	60	4,926	0	4,986	43	0	0	0	0	
2038	62	4,926	0	4,988	45	0	0	0	0	
2039	63	4,926	0	4,990	46	0	0	0	0	
2040	65	4,926	0	4,991	47	0	0	0	0	
2041	66	4,926	0	4,993	48	0	0	0	0	
2042	68	4,926	0	4,994	50	0	0	0	0	
2043	70	4,926	0	4,996	51	0	0	0	0	
2044	71	4,926	0	4,998	53	0	0	0	0	
2045	73	4,926	0	5,000	55	0	0	0	0	
2046	75	4,926	0	5,001	56	0	0	0	0	
2047	77	4,926	0	5,003	58	0	0	0	0	
2048	79	4,926	0	5,005	59	0	0	0	0	
2049	81	4,926	0	5,007	60	0	0	0	0	
2050	83	4,926	0	5,009	62	0	0	0	0	
2051	85	4,926	0	5,011	63	0	0	0	0	
2052	87	4,926	0	5,013	64	0	0	0	0	
2053	89	4,926	0	5,016	65	0	0	0	0	
2054	92	4,926	0	5,018	66	0	0	0	0	
2055	94	4,926	0	5,020	68	0	0	0	0	
2056	96	4,926	0	5,022	69	0	0	0	0	
2057	99	4,926	0	5,025	70	0	0	0	0	
2058	101	4,926	0	5,027	71	0	0	0	0	
2059	104	4,926	0	5,030	72	0	0	0	0	
2060	106	4,926	0	5,032	73	0	0	0	0	
2061	109	4,926	0	5,035	75	0	0	0	0	
2062	111	4,926	0	5,038	76	0	0	0	0	
2063	114	4,926	0	5,041	78	0	0	0	0	
2064	117	4,926	0	5,043	80	0	0	0	0	
2065	221	4,926	0	5,147	81	0	0	0	0	
2066	225	4,926	0	5,152	83	0	0	0	0	
2067	230	4,926	0	5,156	85	0	0	0	0	
2068	202	4,926	0	5,128	86	0	0	0	0	
2069	206	4,926	0	5,132	88	0	0	0	0	
2070	210	4,926	0	5,137	90	0	0	0	0	
2071	215	4,926	0	5,141	91	0	0	0	0	
2072	219	4,926	0	5,146	93	0	0	0	0	
2073	224	4,926	0	5,150	95	0	0	0	0	
2074	229	4,926	0	5,155	97	0	0	0	0	
2075	154	4,926	0	5,080	99	0	0	0	0	
2076	158	4,926	0	5,084	101	0	0	0	0	
2077	161	4,926	0	5,088	103	0	0	0	0	
2078	166	4,926	0	5,092	105	0	0	0	0	
2079	170	4,926	0	5,096	107	0	0	0	0	
2080	174	4,926	0	5,100	109	0	0	0	0	
2081	178	4,926	0	5,105	111	0	0	0	0	
2082	183	4,926	0	5,109	113	0	0	0	0	
NOM	6,659	264,779	0	271,438	3,750	0	0	0	0	
NPV	792	40,766	0	41,558	401	0	0	0	0	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	7.00	0.00	12.65
2024	2.50	2.50	2.50	0.00	0.00	2.00	7.44	0.00	13.13
2025	2.50	2.50	2.50	0.00	0.00	2.00	5.96	0.00	13.29
2026	2.50	2.50	2.50	0.00	0.00	2.00	6.25	0.00	14.85
2027	2.50	2.50	2.50	0.00	0.00	2.00	6.27	0.00	16.01
2028	2.50	2.50	2.50	0.00	0.00	2.00	6.28	0.00	16.30
2029	2.50	2.50	2.50	0.00	0.00	2.00	6.25	0.00	16.60
2030	2.50	2.50	2.50	0.00	0.00	2.00	6.40	0.00	17.76
2031	2.50	2.50	2.50	0.00	0.00	2.00	6.52	0.00	18.25
2032	2.50	2.50	2.50	0.00	0.00	2.00	6.66	0.00	18.77
2033	2.50	2.50	2.50	6.27	63.00	2.00	6.78	0.00	19.05
2034	2.50	2.50	2.50	6.39	65.00	2.00	6.91	0.00	19.36
2035	2.50	2.50	2.50	6.50	65.00	2.00	7.12	0.00	19.72
2036	2.50	2.50	2.50	6.37	70.00	2.00	7.28	0.00	20.10
2037	2.50	2.50	2.50	6.52	71.00	2.00	7.46	0.00	20.47
2038	2.50	2.50	2.50	6.59	74.00	2.00	7.68	0.00	20.88
2039	2.50	2.50	2.50	6.59	77.00	2.00	7.90	0.00	21.34
2040	2.50	2.50	2.50	6.77	78.00	2.00	8.09	0.00	21.71
2041	2.50	2.50	2.50	6.89	82.00	2.00	8.31	0.00	22.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	8.50	0.00	22.38
2043	2.50	2.50	2.50	7.18	81.00	2.00	8.72	0.00	22.62
2044	2.50	2.50	2.50	7.37	83.00	2.00	9.01	0.00	22.98
2045	2.50	2.50	2.50	7.80	84.00	2.00	9.33	0.00	23.38
2046	2.50	2.50	2.50	7.64	86.00	2.00	9.61	0.00	23.68
2047	2.50	2.50	2.50	8.09	86.00	2.00	9.84	0.00	24.07
2048	2.50	2.50	2.50	8.47	85.00	2.00	10.06	0.00	24.39
2049	2.50	2.50	2.50	8.71	87.00	2.00	10.29	0.00	24.77
2050	2.50	2.50	2.50	9.12	88.00	2.00	10.55	0.00	25.07
2051	2.50	2.50	2.50	9.24	88.00	2.00	10.68	0.00	25.45
2052	2.50	2.50	2.50	9.13	87.00	2.00	10.92	0.00	25.93
2053	2.50	2.50	2.50	9.07	89.00	2.00	11.10	0.00	26.30
2054	2.50	2.50	2.50	8.89	90.00	2.00	11.28	0.00	26.66
2055	2.50	2.50	2.50	8.89	90.00	2.00	11.47	0.00	27.03
2056	2.50	2.50	2.50	8.72	90.00	2.00	11.66	0.00	27.40
2057	2.50	2.50	2.50	8.80	91.00	2.00	11.86	0.00	27.77
2058	2.50	2.50	2.50	8.60	92.00	2.00	12.05	0.00	28.14
2059	2.50	2.50	2.50	8.63	91.00	2.00	12.26	0.00	28.51
2060	2.50	2.50	2.50	8.53	91.00	2.00	12.46	0.00	28.89
2061	2.50	2.50	2.50	8.46	90.00	2.00	12.67	0.00	29.27
2062	2.50	2.50	2.50	8.38	91.00	2.00	12.88	0.00	29.65
2063	2.50	2.50	2.50	8.80	91.00	2.00	13.17	0.00	30.10
2064	2.50	2.50	2.50	8.59	92.00	2.00	13.46	0.00	30.56
2065	2.50	2.50	2.50	8.57	91.00	2.00	13.74	0.00	31.03
2066	2.50	2.50	2.50	8.53	91.00	2.00	14.02	0.00	31.50
2067	2.50	2.50	2.50	8.57	91.00	2.00	14.30	0.00	31.98
2068	2.50	2.50	2.50	8.50	91.00	2.00	14.58	0.00	32.46
2069	2.50	2.50	2.50	8.59	91.00	2.00	14.86	0.00	32.96
2070	2.50	2.50	2.50	8.33	91.00	2.00	15.15	0.00	33.46
2071	2.50	2.50	2.50	8.28	91.00	2.00	15.43	0.00	33.97
2072	2.50	2.50	2.50	8.23	91.00	2.00	15.72	0.00	34.49
2073	2.5	2.5	2.5	8.18	91.00	2.00	16.02	0.00	35.01
2074	2.5	2.5	2.5	8.18	91.00	2.00	16.33	0.00	35.55
2075	2.5	2.5	2.5	8.18	91.00	2.00	16.64	0.00	36.09
2076	2.5	2.5	2.5	8.18	91.00	2.00	16.96	0.00	36.64
2077	2.5	2.5	2.5	8.18	91.00	2.00	17.29	0.00	37.21
2078	2.5	2.5	2.5	8.18	91.00	2.00	17.63	0.00	37.79
2079	2.5	2.5	2.5	8.18	91.00	2.00	17.98	0.00	38.38
2080	2.5	2.5	2.5	8.18	91.00	2.00	18.34	0.00	38.99
2081	2.5	2.5	2.5	8.18	91.00	2.00	18.71	0.00	39.61
2082	2.5	2.5	2.5	8.179	91.00	2.00	19.09	0.00	40.25

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	81,651	1,158	0	5,158	963	1,370	29	1,628	875	0	11,182	11,182	11,182	81,415
2036	79,349	1,125	0	5,013	1,910	1,343	29	1,628	(122)	0	10,927	10,108	21,290	79,786
2037	76,775	1,089	0	4,850	2,750	1,315	28	1,628	(1,017)	0	10,644	9,110	30,400	78,158
2038	74,297	1,054	0	4,694	3,500	1,288	28	1,628	(1,820)	0	10,371	8,211	38,611	76,530
2039	71,910	1,020	0	4,543	4,165	1,261	27	1,628	(2,536)	0	10,108	7,403	46,014	74,902
2040	69,605	987	0	4,397	4,751	1,233	26	1,628	(3,172)	0	9,852	6,675	52,690	73,273
2041	67,378	955	0	4,257	5,266	1,206	26	1,628	(3,734)	0	9,604	6,020	58,710	71,645
2042	65,221	925	0	4,120	5,714	1,178	25	1,628	(4,228)	0	9,363	5,429	64,139	70,017
2043	63,104	895	0	3,987	6,152	1,151	25	1,628	(4,711)	0	9,126	4,895	69,034	68,388
2044	60,993	865	0	3,853	6,589	1,124	24	1,628	(5,194)	0	8,889	4,411	73,446	66,760
2045	58,882	835	0	3,720	7,027	1,096	23	1,628	(5,677)	0	8,652	3,972	77,418	65,132
2046	56,771	805	0	3,587	7,464	1,069	23	1,628	(6,160)	0	8,416	3,574	80,993	63,503
2047	54,659	775	0	3,453	7,902	1,041	22	1,628	(6,643)	0	8,179	3,214	84,206	61,875
2048	52,548	745	0	3,320	8,340	1,014	22	1,628	(7,126)	0	7,943	2,887	87,093	60,247
2049	50,437	715	0	3,186	8,777	987	21	1,628	(7,609)	0	7,706	2,591	89,685	58,619
2050	48,326	685	0	3,053	9,215	959	21	1,628	(8,092)	0	7,469	2,324	92,008	56,990
2051	46,215	655	0	2,920	9,653	932	20	1,628	(8,575)	0	7,233	2,082	94,090	55,362
2052	44,103	625	0	2,786	10,090	904	19	1,628	(9,058)	0	6,996	1,863	95,952	53,734
2053	41,992	595	0	2,653	10,528	877	19	1,628	(9,541)	0	6,760	1,665	97,617	52,105
2054	39,881	566	0	2,520	10,966	850	18	1,628	(10,024)	0	6,523	1,486	99,104	50,477
2055	37,977	539	0	2,399	10,992	822	18	1,628	(10,091)	0	6,307	1,329	100,433	48,849
2056	36,489	517	0	2,305	10,612	795	17	1,628	(9,743)	0	6,132	1,196	101,629	47,221
2057	35,209	499	0	2,224	10,237	767	16	1,628	(9,395)	0	5,978	1,078	102,707	45,592
2058	33,929	481	0	2,143	9,862	740	16	1,628	(9,047)	0	5,823	972	103,679	43,964
2059	32,648	463	0	2,063	9,486	713	15	1,628	(8,699)	0	5,669	875	104,554	42,336
2060	31,368	445	0	1,982	9,111	685	15	1,628	(8,351)	0	5,514	788	105,342	40,707
2061	30,088	427	0	1,901	8,735	658	14	1,628	(8,003)	0	5,360	708	106,050	39,079
2062	28,807	408	0	1,820	8,360	630	13	1,628	(7,655)	0	5,205	636	106,686	37,451
2063	27,527	390	0	1,739	7,984	603	13	1,628	(7,307)	0	5,051	571	107,257	35,822
2064	26,247	372	0	1,658	7,609	575	12	1,628	(6,959)	0	4,896	512	107,769	34,194
2065	24,966	354	0	1,577	7,234	548	12	1,628	(6,611)	0	4,742	459	108,228	32,566
2066	23,686	336	0	1,496	6,858	521	11	1,628	(6,263)	0	4,587	411	108,639	30,938
2067	22,406	318	0	1,416	6,483	493	11	1,628	(5,915)	0	4,433	367	109,006	29,309
2068	21,125	300	0	1,335	6,107	466	10	1,628	(5,567)	0	4,278	328	109,334	27,681
2069	19,845	281	0	1,254	5,732	438	9	1,628	(5,219)	0	4,124	292	109,626	26,053
2070	18,565	263	0	1,173	5,356	411	9	1,628	(4,872)	0	3,969	260	109,886	24,424
2071	17,284	245	0	1,092	4,981	384	8	1,628	(4,524)	0	3,815	231	110,117	22,796
2072	16,004	227	0	1,011	4,606	356	8	1,628	(4,176)	0	3,660	205	110,323	21,168
2073	14,724	209	0	930	4,230	329	7	1,628	(3,828)	0	3,506	182	110,505	19,540
2074	13,443	191	0	849	3,855	301	6	1,628	(3,480)	0	3,351	161	110,666	17,911
2075	12,163	172	0	768	3,479	274	6	1,628	(3,132)	0	3,197	142	110,808	16,283
2076	10,883	154	0	688	3,104	247	6	1,628	(2,784)	0	3,070	126	110,934	16,283
2077	9,602	136	0	607	2,728	219	6	1,628	(2,436)	0	2,944	112	111,046	16,283
2078	8,322	118	0	526	2,353	192	6	1,628	(2,088)	0	2,817	99	111,145	16,283
2079	7,042	100	0	445	1,978	165	6	1,628	(1,740)	0	2,691	88	111,233	16,283
2080	5,761	82	0	364	1,602	138	6	1,628	(1,392)	0	2,564	77	111,310	16,283
2081	4,481	64	0	283	1,227	111	6	1,628	(1,044)	0	2,438	68	111,378	16,283
2082	3,201	45	0	202	851	84	6	1,628	(696)	0	2,311	60	111,437	16,283
2083	1,920	27	0	121	476	57	6	1,628	(348)	0	2,185	52	111,489	16,283
2084	640	9	0	40	100	29	6	1,628	0	0	2,058	45	111,535	16,283

IN SERVICE COST (\$000)	81,415
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	2,756	2,756	1,628	1,628	1,628	1,628	875	12,769	0	0	0	875	2,100
2036	7.22%	5,305	8,060	1,628	3,257	1,628	3,257	(122)	12,769	0	0	0	(122)	1,979
2037	6.68%	4,906	12,966	1,628	4,885	1,628	4,885	(1,017)	12,769	0	0	0	(1,017)	962
2038	6.18%	4,539	17,505	1,628	6,513	1,628	6,513	(1,820)	12,769	0	0	0	(1,820)	(858)
2039	5.71%	4,198	21,703	1,628	8,141	1,628	8,141	(2,536)	12,769	0	0	0	(2,536)	(3,393)
2040	5.29%	3,883	25,587	1,628	9,770	1,628	9,770	(3,172)	12,769	0	0	0	(3,172)	(6,565)
2041	4.89%	3,592	29,178	1,628	11,398	1,628	11,398	(3,734)	12,769	0	0	0	(3,734)	(10,299)
2042	4.52%	3,323	32,501	1,628	13,026	1,628	13,026	(4,228)	12,769	0	0	0	(4,228)	(14,528)
2043	4.46%	3,279	35,780	1,628	14,655	1,628	14,655	(4,711)	12,769	0	0	0	(4,711)	(19,239)
2044	4.46%	3,278	39,058	1,628	16,283	1,628	16,283	(5,194)	12,769	0	0	0	(5,194)	(24,433)
2045	4.46%	3,279	42,337	1,628	17,911	1,628	17,911	(5,677)	12,769	0	0	0	(5,677)	(30,111)
2046	4.46%	3,278	45,615	1,628	19,540	1,628	19,540	(6,160)	12,769	0	0	0	(6,160)	(36,271)
2047	4.46%	3,279	48,893	1,628	21,168	1,628	21,168	(6,643)	12,769	0	0	0	(6,643)	(42,914)
2048	4.46%	3,278	52,171	1,628	22,796	1,628	22,796	(7,126)	12,769	0	0	0	(7,126)	(50,040)
2049	4.46%	3,279	55,450	1,628	24,424	1,628	24,424	(7,609)	12,769	0	0	0	(7,609)	(57,649)
2050	4.46%	3,278	58,728	1,628	26,053	1,628	26,053	(8,092)	12,769	0	0	0	(8,092)	(65,740)
2051	4.46%	3,279	62,007	1,628	27,681	1,628	27,681	(8,575)	12,769	0	0	0	(8,575)	(74,315)
2052	4.46%	3,278	65,285	1,628	29,309	1,628	29,309	(9,058)	12,769	0	0	0	(9,058)	(83,373)
2053	4.46%	3,279	68,563	1,628	30,938	1,628	30,938	(9,541)	12,769	0	0	0	(9,541)	(92,914)
2054	4.46%	3,278	71,841	1,628	32,566	1,628	32,566	(10,024)	12,769	0	0	0	(10,024)	(102,937)
2055	2.23%	1,639	73,481	1,628	34,194	1,628	34,194	(10,091)	12,769	0	0	0	(10,091)	(113,028)
2056	0.00%	0	73,481	1,628	35,822	1,628	35,822	(9,743)	12,769	0	0	0	(9,743)	(122,771)
2057	0.00%	0	73,481	1,628	37,451	1,628	37,451	(9,395)	12,769	0	0	0	(9,395)	(132,166)
2058	0.00%	0	73,481	1,628	39,079	1,628	39,079	(9,047)	12,769	0	0	0	(9,047)	(141,213)
2059	0.00%	0	73,481	1,628	40,707	1,628	40,707	(8,699)	12,769	0	0	0	(8,699)	(149,913)
2060	0.00%	0	73,481	1,628	42,336	1,628	42,336	(8,351)	12,769	0	0	0	(8,351)	(158,264)
2061	0.00%	0	73,481	1,628	43,964	1,628	43,964	(8,003)	12,769	0	0	0	(8,003)	(166,267)
2062	0.00%	0	73,481	1,628	45,592	1,628	45,592	(7,655)	12,769	0	0	0	(7,655)	(173,922)
2063	0.00%	0	73,481	1,628	47,221	1,628	47,221	(7,307)	12,769	0	0	0	(7,307)	(181,230)
2064	0.00%	0	73,481	1,628	48,849	1,628	48,849	(6,959)	12,769	0	0	0	(6,959)	(188,189)
2065	0.00%	0	73,481	1,628	50,477	1,628	50,477	(6,611)	12,769	0	0	0	(6,611)	(194,800)
2066	0.00%	0	73,481	1,628	52,105	1,628	52,105	(6,263)	12,769	0	0	0	(6,263)	(201,064)
2067	0.00%	0	73,481	1,628	53,734	1,628	53,734	(5,915)	12,769	0	0	0	(5,915)	(206,979)
2068	0.00%	0	73,481	1,628	55,362	1,628	55,362	(5,567)	12,769	0	0	0	(5,567)	(212,547)
2069	0.00%	0	73,481	1,628	56,990	1,628	56,990	(5,219)	12,769	0	0	0	(5,219)	(217,766)
2070	0.00%	0	73,481	1,628	58,619	1,628	58,619	(4,872)	12,769	0	0	0	(4,872)	(222,638)
2071	0.00%	0	73,481	1,628	60,247	1,628	60,247	(4,524)	12,769	0	0	0	(4,524)	(227,161)
2072	0.00%	0	73,481	1,628	61,875	1,628	61,875	(4,176)	12,769	0	0	0	(4,176)	(231,337)
2073	0.00%	0	73,481	1,628	63,503	1,628	63,503	(3,828)	12,769	0	0	0	(3,828)	(235,164)
2074	0.00%	0	73,481	1,628	65,132	1,628	65,132	(3,480)	12,769	0	0	0	(3,480)	(238,644)
2075	0.00%	0	73,481	1,628	66,760	1,628	66,760	(3,132)	12,769	0	0	0	(3,132)	(241,776)
2076	0.00%	0	73,481	1,628	68,388	1,628	68,388	(2,784)	12,769	0	0	0	(2,784)	(244,560)
2077	0.00%	0	73,481	1,628	70,017	1,628	70,017	(2,436)	12,769	0	0	0	(2,436)	(246,995)
2078	0.00%	0	73,481	1,628	71,645	1,628	71,645	(2,088)	12,769	0	0	0	(2,088)	(249,083)
2079	0.00%	0	73,481	1,628	73,273	1,628	73,273	(1,740)	12,769	0	0	0	(1,740)	(250,823)
2080	0.00%	0	73,481	1,628	74,902	1,628	74,902	(1,392)	12,769	0	0	0	(1,392)	(252,215)
2081	0.00%	0	73,481	1,628	76,530	1,628	76,530	(1,044)	12,769	0	0	0	(1,044)	(253,259)
2082	0.00%	0	73,481	1,628	78,158	1,628	78,158	(696)	12,769	0	0	0	(696)	(253,955)
2083	0.00%	0	73,481	1,628	79,786	1,628	79,786	(348)	12,769	0	0	0	(348)	(254,303)
2084	0.00%	0	73,481	1,628	81,415	1,628	81,415	0	12,769	0	0	0	0	(254,303)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	1,225
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	12,769
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2035	3.75%	2,756	875	79,786	1,628	2,100	82,640	80,661	81,651
2036	7.22%	5,305	(122)	78,158	3,257	1,979	80,661	78,037	79,349
2037	6.68%	4,906	(1,017)	76,530	4,885	962	78,037	75,513	76,775
2038	6.18%	4,539	(1,820)	74,902	6,513	(858)	75,513	73,082	74,297
2039	5.71%	4,198	(2,536)	73,273	8,141	(3,393)	73,082	70,738	71,910
2040	5.29%	3,883	(3,172)	71,645	9,770	(6,565)	70,738	68,473	69,605
2041	4.89%	3,592	(3,734)	70,017	11,398	(10,299)	68,473	66,282	67,378
2042	4.52%	3,323	(4,228)	68,388	13,026	(14,528)	66,282	64,160	65,221
2043	4.46%	3,279	(4,711)	66,760	14,655	(19,239)	64,160	62,049	63,104
2044	4.46%	3,278	(5,194)	65,132	16,283	(24,433)	62,049	59,938	60,993
2045	4.46%	3,279	(5,677)	63,503	17,911	(30,111)	59,938	57,826	58,882
2046	4.46%	3,278	(6,160)	61,875	19,540	(36,271)	57,826	55,715	56,771
2047	4.46%	3,279	(6,643)	60,247	21,168	(42,914)	55,715	53,604	54,659
2048	4.46%	3,278	(7,126)	58,619	22,796	(50,040)	53,604	51,493	52,548
2049	4.46%	3,279	(7,609)	56,990	24,424	(57,649)	51,493	49,381	50,437
2050	4.46%	3,278	(8,092)	55,362	26,053	(65,740)	49,381	47,270	48,326
2051	4.46%	3,279	(8,575)	53,734	27,681	(74,315)	47,270	45,159	46,215
2052	4.46%	3,278	(9,058)	52,105	29,309	(83,373)	45,159	43,048	44,103
2053	4.46%	3,279	(9,541)	50,477	30,938	(92,914)	43,048	40,936	41,992
2054	4.46%	3,278	(10,024)	48,849	32,566	(102,937)	40,936	38,825	39,881
2055	2.23%	1,639	(10,091)	47,221	34,194	(113,028)	38,825	37,129	37,977
2056	0.00%	0	(9,743)	45,592	35,822	(122,771)	37,129	35,849	36,489
2057	0.00%	0	(9,395)	43,964	37,451	(132,166)	35,849	34,569	35,209
2058	0.00%	0	(9,047)	42,336	39,079	(141,213)	34,569	33,289	33,929
2059	0.00%	0	(8,699)	40,707	40,707	(149,913)	33,289	32,008	32,648
2060	0.00%	0	(8,351)	39,079	42,336	(158,264)	32,008	30,728	31,368
2061	0.00%	0	(8,003)	37,451	43,964	(166,267)	30,728	29,448	30,088
2062	0.00%	0	(7,655)	35,822	45,592	(173,922)	29,448	28,167	28,807
2063	0.00%	0	(7,307)	34,194	47,221	(181,230)	28,167	26,887	27,527
2064	0.00%	0	(6,959)	32,566	48,849	(188,189)	26,887	25,607	26,247
2065	0.00%	0	(6,611)	30,938	50,477	(194,800)	25,607	24,326	24,966
2066	0.00%	0	(6,263)	29,309	52,105	(201,064)	24,326	23,046	23,686
2067	0.00%	0	(5,915)	27,681	53,734	(206,979)	23,046	21,766	22,406
2068	0.00%	0	(5,567)	26,053	55,362	(212,547)	21,766	20,485	21,125
2069	0.00%	0	(5,219)	24,424	56,990	(217,766)	20,485	19,205	19,845
2070	0.00%	0	(4,872)	22,796	58,619	(222,638)	19,205	17,925	18,565
2071	0.00%	0	(4,524)	21,168	60,247	(227,161)	17,925	16,644	17,284
2072	0.00%	0	(4,176)	19,540	61,875	(231,337)	16,644	15,364	16,004
2073	0.00%	0	(3,828)	17,911	63,503	(235,164)	15,364	14,084	14,724
2074	0.00%	0	(3,480)	16,283	65,132	(238,644)	14,084	12,803	13,443
2075	0.00%	0	(3,132)	14,655	66,760	(241,776)	12,803	11,523	12,163
2076	0.00%	0	(2,784)	13,026	68,388	(244,560)	11,523	10,243	10,883
2077	0.00%	0	(2,436)	11,398	70,017	(246,995)	10,243	8,962	9,602
2078	0.00%	0	(2,088)	9,770	71,645	(249,083)	8,962	7,682	8,322
2079	0.00%	0	(1,740)	8,141	73,273	(250,823)	7,682	6,402	7,042
2080	0.00%	0	(1,392)	6,513	74,902	(252,215)	6,402	5,121	5,761
2081	0.00%	0	(1,044)	4,885	76,530	(253,259)	5,121	3,841	4,481
2082	0.00%	0	(696)	3,257	78,158	(253,955)	3,841	2,561	3,201
2083	0.00%	0	(348)	1,628	79,786	(254,303)	2,561	1,280	1,920
2084	0.00%	0	0	0	81,415	(254,303)	1,280	(0)	640

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(8) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	64,937	64,937	64,937
EQUITY AFUDC	12,769		
DEBT AFUDC	3,709	3,709	
CPI			8,543
IIC Basis Reduction (Solar)			
TOTAL	81,415	68,646	73,481

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	7,500	7,500	2.97	4.08	2.97	0.00	1.00	1.00
2026	14,925	14,925	3.41	4.22	3.41	0.00	1.00	1.00
2027	22,276	22,276	3.37	3.79	3.37	0.00	1.00	1.00
2028	27,276	27,276	3.51	3.97	3.51	0.00	1.00	1.00
2029	32,226	32,226	3.59	4.12	3.59	0.00	1.00	1.00
2030	37,126	37,126	3.29	3.86	3.29	0.00	1.00	1.00
2031	41,978	41,978	3.07	3.84	3.07	0.00	1.00	1.00
2032	46,781	46,781	2.95	3.77	2.95	0.00	1.00	1.00
2033	51,536	51,536	3.33	3.96	3.33	6.88	1.00	1.00
2034	56,243	56,243	3.53	4.20	3.53	6.98	1.00	1.00
2035	56,243	56,243	3.86	4.38	3.86	7.13	1.00	1.00
2036	56,243	56,243	4.00	4.51	4.00	6.98	1.00	1.00
2037	56,243	56,243	4.20	4.66	4.20	7.15	1.00	1.00
2038	56,243	56,243	4.53	5.09	4.53	7.22	1.00	1.00
2039	56,243	56,243	4.72	5.25	4.72	7.16	1.00	1.00
2040	56,243	56,243	5.06	5.54	5.06	7.38	1.00	1.00
2041	56,243	56,243	5.39	5.95	5.39	7.51	1.00	1.00
2042	56,243	56,243	5.49	6.22	5.49	7.59	1.00	1.00
2043	56,243	56,243	5.72	6.05	5.72	7.82	1.00	1.00
2044	56,243	56,243	6.11	6.59	6.11	8.08	1.00	1.00
2045	56,243	56,243	6.50	7.14	6.50	8.49	1.00	1.00
2046	56,243	56,243	6.71	7.25	6.71	8.36	1.00	1.00
2047	56,243	56,243	7.07	7.31	7.07	8.85	1.00	1.00
2048	56,243	56,243	7.41	7.81	7.41	9.24	1.00	1.00
2049	56,243	56,243	7.89	8.28	7.89	9.55	1.00	1.00
2050	56,243	56,243	8.54	9.15	8.54	10.09	1.00	1.00
2051	56,243	56,243	8.49	9.06	8.49	10.16	1.00	1.00
2052	56,243	56,243	8.54	9.07	8.54	10.08	1.00	1.00
2053	56,243	56,243	8.58	9.02	8.58	10.06	1.00	1.00
2054	56,243	56,243	8.61	8.90	8.61	9.85	1.00	1.00
2055	56,243	56,243	8.57	8.99	8.57	9.91	1.00	1.00
2056	56,243	56,243	8.54	8.92	8.54	9.73	1.00	1.00
2057	56,243	56,243	8.59	8.79	8.59	9.80	1.00	1.00
2058	56,243	56,243	8.51	8.67	8.51	9.59	1.00	1.00
2059	56,243	56,243	8.55	8.81	8.55	9.63	1.00	1.00
2060	56,243	56,243	8.59	8.79	8.59	9.54	1.00	1.00
2061	56,243	56,243	8.43	8.56	8.43	9.45	1.00	1.00
2062	56,243	56,243	8.42	8.75	8.42	9.27	1.00	1.00
2063	56,243	56,243	8.49	8.81	8.49	9.73	1.00	1.00
2064	56,243	56,243	8.47	8.45	8.47	9.62	1.00	1.00
2065	56,243	56,243	8.37	8.61	8.37	9.50	1.00	1.00
2066	56,243	56,243	8.32	8.52	8.32	9.49	1.00	1.00
2067	56,243	56,243	8.33	8.51	8.33	9.47	1.00	1.00
2068	56,243	56,243	8.39	8.39	8.39	9.42	1.00	1.00
2069	56,243	56,243	8.39	8.39	8.39	9.50	1.00	1.00
2070	56,243	56,243	8.39	8.39	8.39	9.30	1.00	1.00
2071	56,243	56,243	8.39	8.39	8.39	9.26	1.00	1.00
2072	56,243	56,243	8.39	8.39	8.39	9.22	1.00	1.00
2073	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2074	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2075	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2076	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2077	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2078	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2079	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2080	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2081	56,243	56,243	8.39	8.39	8.39	9.18	1.00	1.00
2082	56,243	56,243	8.39	8.39	8.39	9.18	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: 2025 DSM Plan - CDR

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	11,182	1,089	42	25240	27688	9864
2036	10,927	1,116	46	26638	29205	9521
2037	10,644	1,144	48	27667	30319	9184
2038	10,371	1,172	51	29115	31944	8765
2039	10,108	1,202	54	30309	32931	8742
2040	9,852	1,232	56	31537	34410	8267
2041	9,604	1,262	61	33732	36776	7883
2042	9,363	1,294	62	33626	36736	7608
2043	9,126	1,326	63	34734	37858	7391
2044	8,889	1,360	66	36549	40093	6771
2045	8,652	1,394	69	39147	42617	6645
2046	8,416	1,428	72	39237	42962	6191
2047	8,179	1,464	74	41549	45450	5816
2048	7,943	1,501	75	43036	46925	5629
2049	7,706	1,538	79	45250	49656	4917
2050	7,469	1,577	81	47947	53058	4016
2051	7,233	1,616	83	48593	53397	4129
2052	6,996	1,656	85	47469	52383	3824
2053	6,760	1,698	89	48210	53514	3242
2054	6,523	1,740	92	47826	52952	3230
2055	6,307	1,784	94	47800	53297	2688
2056	6,132	1,828	97	46891	52304	2644
2057	5,978	1,874	100	47841	53285	2508
2058	5,823	1,921	104	47257	52719	2386
2059	5,669	1,969	105	46933	52362	2314
2060	5,514	2,018	108	46362	51865	2137
2061	5,360	2,069	109	45466	50801	2203
2062	5,205	2,120	113	45541	50379	2601
2063	5,051	2,173	116	47825	52925	2241
2064	4,896	2,228	120	47191	52880	1554
2065	4,742	2,283	122	46602	51638	2110
2066	4,587	2,341	125	46362	51578	1837
2067	4,433	2,399	128	46607	51464	2103
2068	4,278	2,459	131	46232	51224	1877
2069	4,124	2,521	135	46716	51656	1838
2070	3,969	2,584	138	45270	50560	1401
2071	3,815	2,648	141	45003	50344	1263
2072	3,660	2,714	145	44737	50128	1128
2073	3,506	2,782	149	44470	49913	994
2074	3,351	2,852	152	44470	49913	913
2075	3,197	2,923	156	44470	49913	833
2076	3,070	2,996	160	44470	49913	784
2077	2,944	3,071	164	44470	49913	736
2078	2,817	3,148	168	44470	49913	691
2079	2,691	3,227	172	44470	49913	647
2080	2,564	3,307	177	44470	49913	606
2081	2,438	3,390	181	44470	49913	566
2082	2,311	3,475	186	44470	49913	529
NOM	294,370	98,913	5,144	2,038,750	2,261,412	175,766
NPV	43,785.72	7,618.83	371	188,406	207,269	32,912

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - CDR

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	2	0
2026	0	0	0	0	0	0	6	0
2027	0	0	0	0	0	0	8	0
2028	0	0	0	0	0	0	12	0
2029	0	0	0	0	0	0	14	0
2030	0	0	0	0	0	0	16	0
2031	0	0	0	0	0	0	18	0
2032	0	0	0	0	0	0	20	0
2033	0	0	0	0	0	0	23	0
2034	0	0	0	0	0	0	27	0
2035	0	0	0	0	0	0	29	0
2036	0	0	0	0	0	0	30	0
2037	0	0	0	0	0	0	31	0
2038	0	0	0	0	0	0	34	0
2039	0	0	0	0	0	0	35	0
2040	0	0	0	0	0	0	36	0
2041	0	0	0	0	0	0	39	0
2042	0	0	0	0	0	0	41	0
2043	0	0	0	0	0	0	40	0
2044	0	0	0	0	0	0	43	0
2045	0	0	0	0	0	0	47	0
2046	0	0	0	0	0	0	48	0
2047	0	0	0	0	0	0	48	0
2048	0	0	0	0	0	0	51	1
2049	0	0	0	0	0	0	54	1
2050	0	0	0	0	0	0	60	1
2051	0	0	0	0	0	0	59	1
2052	0	0	0	0	0	0	59	1
2053	0	0	0	0	0	0	59	1
2054	0	0	0	0	0	0	58	1
2055	0	0	0	0	0	0	59	1
2056	0	0	0	0	0	0	58	1
2057	0	0	0	0	0	0	57	1
2058	0	0	0	0	0	0	56	1
2059	0	0	0	0	0	0	57	1
2060	0	0	0	0	0	0	57	1
2061	0	0	0	0	0	0	55	1
2062	0	0	0	0	0	0	57	1
2063	0	0	0	0	0	0	57	1
2064	0	0	0	0	0	0	55	1
2065	0	0	0	0	0	0	56	1
2066	0	0	0	0	0	0	55	1
2067	0	0	0	0	0	0	55	1
2068	0	0	0	0	0	0	54	1
2069	0	0	0	0	0	0	54	1
2070	0	0	0	0	0	0	54	1
2071	0	0	0	0	0	0	54	1
2072	0	0	0	0	0	0	54	1
2073	0	0	0	0	0	0	54	1
2074	0	0	0	0	0	0	54	1
2075	0	0	0	0	0	0	54	1
2076	0	0	0	0	0	0	54	1
2077	0	0	0	0	0	0	54	1
2078	0	0	0	0	0	0	54	1
2079	0	0	0	0	0	0	54	1
2080	0	0	0	0	0	0	54	1
2081	0	0	0	0	0	0	54	1
2082	0	0	0	0	0	0	54	1
NOM	0	0.00	0	0	0	0	2,592	26
NPV	0	0	0	0	0	0	303	3

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	1	2	0	0	(0)
2036	2	2	0	0	(0)
2037	2	2	0	0	(0)
2038	2	2	0	0	(0)
2039	2	2	0	0	(0)
2040	2	2	0	0	(0)
2041	2	2	0	0	(0)
2042	2	2	0	0	(0)
2043	2	2	0	0	(0)
2044	2	2	0	0	(0)
2045	2	2	0	0	(0)
2046	2	2	0	0	(0)
2047	2	2	0	0	(0)
2048	2	2	0	0	(0)
2049	2	2	0	0	(0)
2050	2	2	0	0	(0)
2051	2	2	0	0	(0)
2052	2	2	0	0	(0)
2053	2	2	0	0	(0)
2054	2	2	0	0	(0)
2055	2	2	0	0	(0)
2056	2	2	0	0	(0)
2057	2	2	0	0	(0)
2058	2	2	0	0	(0)
2059	2	2	0	0	(0)
2060	2	2	0	0	(0)
2061	2	2	0	0	(0)
2062	2	2	0	0	(0)
2063	2	2	0	0	(0)
2064	2	2	0	0	(0)
2065	2	2	0	0	(0)
2066	2	2	0	0	(0)
2067	2	2	0	0	(0)
2068	2	2	0	0	(0)
2069	2	2	0	0	(0)
2070	2	2	0	0	(0)
2071	2	2	0	0	(0)
2072	2	2	0	0	(0)
2073	2	2	0	0	(0)
2074	2	2	0	0	(0)
2075	2	2	0	0	(0)
2076	2	2	0	0	(0)
2077	2	2	0	0	(0)
2078	2	2	0	0	(0)
2079	2	2	0	0	(0)
2080	2	2	0	0	(0)
2081	2	2	0	0	(0)
2082	2	2	0	0	(0)
NOM	94	105	0	0	(11)
NPV	9	10	0	0	(1)

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	43	0	0	43	0	0	2	0	2	(42)	(36)
2026	0	50	0	0	50	0	0	6	0	6	(45)	(71)
2027	0	57	0	0	57	0	0	8	0	8	(49)	(107)
2028	0	50	0	0	50	0	0	11	0	11	(39)	(133)
2029	0	56	0	0	56	0	0	14	0	14	(41)	(159)
2030	0	61	0	0	61	0	0	16	0	16	(45)	(186)
2031	0	67	0	0	67	0	0	18	0	18	(49)	(212)
2032	0	73	0	0	73	0	0	20	0	20	(53)	(238)
2033	0	79	0	0	79	0	0	23	0	23	(56)	(264)
2034	0	85	0	0	85	0	0	27	0	27	(59)	(289)
2035	0	57	0	0	57	9,864	0	29	(0)	9,892	9,835	3,576
2036	0	59	0	0	59	9,521	0	30	(0)	9,550	9,492	7,026
2037	0	60	0	0	60	9,184	0	30	(0)	9,214	9,154	10,104
2038	0	62	0	0	62	8,765	0	33	(0)	8,799	8,737	12,822
2039	0	63	0	0	63	8,742	0	34	(0)	8,776	8,713	15,329
2040	0	65	0	0	65	8,267	0	36	(0)	8,303	8,238	17,523
2041	0	66	0	0	66	7,883	0	39	(0)	7,922	7,855	19,457
2042	0	68	0	0	68	7,608	0	41	(0)	7,648	7,580	21,184
2043	0	70	0	0	70	7,391	0	39	(0)	7,430	7,360	22,736
2044	0	71	0	0	71	6,771	0	43	(0)	6,814	6,742	24,051
2045	0	73	0	0	73	6,645	0	47	(0)	6,692	6,618	25,244
2046	0	75	0	0	75	6,191	0	47	(0)	6,238	6,163	26,273
2047	0	77	0	0	77	5,816	0	47	(0)	5,863	5,786	27,166
2048	0	79	0	0	79	5,629	0	50	(0)	5,680	5,601	27,966
2049	0	81	0	0	81	4,917	0	53	(0)	4,970	4,889	28,612
2050	0	83	0	0	83	4,016	0	59	(0)	4,075	3,992	29,100
2051	0	85	0	0	85	4,129	0	59	(0)	4,187	4,102	29,564
2052	0	87	0	0	87	3,824	0	59	(0)	3,882	3,795	29,961
2053	0	89	0	0	89	3,242	0	58	(0)	3,300	3,211	30,272
2054	0	92	0	0	92	3,230	0	57	(0)	3,287	3,195	30,558
2055	0	94	0	0	94	2,688	0	58	(0)	2,746	2,652	30,777
2056	0	96	0	0	96	2,644	0	57	(0)	2,701	2,605	30,977
2057	0	99	0	0	99	2,508	0	56	(0)	2,564	2,465	31,152
2058	0	101	0	0	101	2,386	0	56	(0)	2,441	2,340	31,305
2059	0	104	0	0	104	2,314	0	57	(0)	2,370	2,267	31,443
2060	0	106	0	0	106	2,137	0	56	(0)	2,193	2,087	31,560
2061	0	109	0	0	109	2,203	0	55	(0)	2,257	2,148	31,671
2062	0	111	0	0	111	2,601	0	56	(0)	2,657	2,545	31,794
2063	0	114	0	0	114	2,241	0	57	(0)	2,297	2,183	31,891
2064	0	117	0	0	117	1,554	0	54	(0)	1,608	1,491	31,952
2065	0	221	0	0	221	2,110	0	55	(0)	2,166	1,945	32,026
2066	0	225	0	0	225	1,837	0	55	(0)	1,892	1,666	32,084
2067	0	230	0	0	230	2,103	0	55	(0)	2,157	1,927	32,147
2068	0	202	0	0	202	1,877	0	54	(0)	1,930	1,728	32,199
2069	0	206	0	0	206	1,838	0	54	(0)	1,892	1,686	32,246
2070	0	210	0	0	210	1,401	0	54	(0)	1,454	1,244	32,278
2071	0	215	0	0	215	1,263	0	54	(0)	1,317	1,102	32,304
2072	0	219	0	0	219	1,128	0	54	(0)	1,181	962	32,326
2073	0	224	0	0	224	994	0	54	(0)	1,047	823	32,342
2074	0	229	0	0	229	913	0	54	(0)	966	737	32,356
2075	0	154	0	0	154	833	0	54	(0)	887	733	32,369
2076	0	158	0	0	158	784	0	54	(0)	837	680	32,380
2077	0	161	0	0	161	736	0	54	(0)	790	628	32,389
2078	0	166	0	0	166	691	0	54	(0)	744	579	32,397
2079	0	170	0	0	170	647	0	54	(0)	700	531	32,404
2080	0	174	0	0	174	606	0	54	(0)	659	485	32,410
2081	0	178	0	0	178	566	0	54	(0)	620	441	32,415
2082	0	183	0	0	183	529	0	54	(0)	582	400	32,419
NOM	0	6,659	0	0	6,659	175,766.01	0	2,566	(11)	178,321	171,662	
NPV	0	792	0	0	792	32,912	0	300	(1)	33,210.76	32,419	

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

8.10 %
 41.94

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - CDR

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	3	0	343	0	346	0	0	0	0	346	296
2026	9	0	1,025	0	1,034	0	0	0	0	1,034	1,114
2027	15	0	1,700	0	1,715	0	0	0	0	1,715	2,370
2028	19	0	2,265	0	2,284	0	0	0	0	2,284	3,918
2029	23	0	2,720	0	2,743	0	0	0	0	2,743	5,637
2030	27	0	3,170	0	3,197	0	0	0	0	3,197	7,491
2031	32	0	3,616	0	3,648	0	0	0	0	3,648	9,448
2032	37	0	4,057	0	4,094	0	0	0	0	4,094	11,480
2033	41	0	4,494	0	4,535	0	0	0	0	4,535	13,562
2034	46	0	4,926	0	4,973	0	0	0	0	4,973	15,674
2035	50	0	4,926	0	4,976	0	0	0	0	4,976	17,629
2036	51	0	4,926	0	4,977	0	0	0	0	4,977	19,438
2037	52	0	4,926	0	4,979	0	0	0	0	4,979	21,112
2038	54	0	4,926	0	4,980	0	0	0	0	4,980	22,661
2039	55	0	4,926	0	4,982	0	0	0	0	4,982	24,095
2040	57	0	4,926	0	4,983	0	0	0	0	4,983	25,422
2041	58	0	4,926	0	4,985	0	0	0	0	4,985	26,649
2042	60	0	4,926	0	4,986	0	0	0	0	4,986	27,785
2043	61	0	4,926	0	4,988	0	0	0	0	4,988	28,837
2044	63	0	4,926	0	4,990	0	0	0	0	4,990	29,810
2045	66	0	4,926	0	4,992	0	0	0	0	4,992	30,710
2046	68	0	4,926	0	4,994	0	0	0	0	4,994	31,544
2047	70	0	4,926	0	4,996	0	0	0	0	4,996	32,315
2048	71	0	4,926	0	4,997	0	0	0	0	4,997	33,029
2049	73	0	4,926	0	4,999	0	0	0	0	4,999	33,689
2050	75	0	4,926	0	5,001	0	0	0	0	5,001	34,301
2051	76	0	4,926	0	5,002	0	0	0	0	5,002	34,866
2052	77	0	4,926	0	5,004	0	0	0	0	5,004	35,390
2053	79	0	4,926	0	5,005	0	0	0	0	5,005	35,874
2054	80	0	4,926	0	5,006	0	0	0	0	5,006	36,322
2055	81	0	4,926	0	5,008	0	0	0	0	5,008	36,737
2056	83	0	4,926	0	5,009	0	0	0	0	5,009	37,121
2057	84	0	4,926	0	5,010	0	0	0	0	5,010	37,476
2058	86	0	4,926	0	5,012	0	0	0	0	5,012	37,804
2059	87	0	4,926	0	5,013	0	0	0	0	5,013	38,109
2060	89	0	4,926	0	5,015	0	0	0	0	5,015	38,390
2061	90	0	4,926	0	5,016	0	0	0	0	5,016	38,650
2062	92	0	4,926	0	5,018	0	0	0	0	5,018	38,891
2063	94	0	4,926	0	5,020	0	0	0	0	5,020	39,114
2064	96	0	4,926	0	5,022	0	0	0	0	5,022	39,321
2065	98	0	4,926	0	5,024	0	0	0	0	5,024	39,512
2066	100	0	4,926	0	5,026	0	0	0	0	5,026	39,689
2067	102	0	4,926	0	5,028	0	0	0	0	5,028	39,852
2068	104	0	4,926	0	5,030	0	0	0	0	5,030	40,004
2069	106	0	4,926	0	5,032	0	0	0	0	5,032	40,144
2070	108	0	4,926	0	5,034	0	0	0	0	5,034	40,274
2071	110	0	4,926	0	5,037	0	0	0	0	5,037	40,394
2072	112	0	4,926	0	5,039	0	0	0	0	5,039	40,505
2073	115	0	4,926	0	5,041	0	0	0	0	5,041	40,608
2074	117	0	4,926	0	5,043	0	0	0	0	5,043	40,703
2075	119	0	4,926	0	5,045	0	0	0	0	5,045	40,791
2076	121	0	4,926	0	5,048	0	0	0	0	5,048	40,872
2077	124	0	4,926	0	5,050	0	0	0	0	5,050	40,948
2078	126	0	4,926	0	5,052	0	0	0	0	5,052	41,018
2079	128	0	4,926	0	5,055	0	0	0	0	5,055	41,082
2080	131	0	4,926	0	5,057	0	0	0	0	5,057	41,142
2081	133	0	4,926	0	5,060	0	0	0	0	5,060	41,197
2082	136	0	4,926	0	5,062	0	0	0	0	5,062	41,249
NOM	4,518	0	264,779	0	269,297	0	0	0	0	269,297	
NPV	483	0	40,766	0	41,249	0	0	0	0	41,249	

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

2035
8.10 %
Infinite

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - CDR

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	43	343	2	0	389	2	0	0	2	(387)	(331)	
2026	0	50	1,025	7	0	1,082	6	0	0	6	(1,077)	(1,184)	
2027	0	57	1,700	12	0	1,770	8	0	0	8	(1,761)	(2,474)	
2028	0	50	2,265	16	0	2,331	11	0	0	11	(2,320)	(4,046)	
2029	0	56	2,720	19	0	2,794	14	0	0	14	(2,780)	(5,788)	
2030	0	61	3,170	23	0	3,254	16	0	0	16	(3,238)	(7,666)	
2031	0	67	3,616	27	0	3,709	18	0	0	18	(3,691)	(9,646)	
2032	0	73	4,057	30	0	4,160	20	0	0	20	(4,140)	(11,701)	
2033	0	79	4,494	34	0	4,607	23	0	0	23	(4,584)	(13,805)	
2034	0	85	4,926	38	0	5,050	27	0	0	27	(5,023)	(15,939)	
2035	0	57	4,926	41	0	5,025	9,892	0	(0)	9,892	4,867	(14,027)	
2036	0	59	4,926	42	0	5,027	9,551	0	(0)	9,550	4,523	(12,382)	
2037	0	60	4,926	43	0	5,030	9,214	0	(0)	9,214	4,184	(10,975)	
2038	0	62	4,926	45	0	5,033	8,799	0	(0)	8,799	3,766	(9,804)	
2039	0	63	4,926	46	0	5,035	8,776	0	(0)	8,776	3,740	(8,727)	
2040	0	65	4,926	47	0	5,038	8,303	0	(0)	8,303	3,265	(7,858)	
2041	0	66	4,926	48	0	5,041	7,922	0	(0)	7,922	2,880	(7,149)	
2042	0	68	4,926	50	0	5,044	7,648	0	(0)	7,648	2,604	(6,555)	
2043	0	70	4,926	51	0	5,047	7,430	0	(0)	7,430	2,383	(6,053)	
2044	0	71	4,926	53	0	5,050	6,814	0	(0)	6,814	1,763	(5,709)	
2045	0	73	4,926	55	0	5,054	6,692	0	(0)	6,692	1,637	(5,414)	
2046	0	75	4,926	56	0	5,058	6,238	0	(0)	6,238	1,180	(5,217)	
2047	0	77	4,926	58	0	5,061	5,863	0	(0)	5,863	802	(5,093)	
2048	0	79	4,926	59	0	5,064	5,680	0	(0)	5,680	615	(5,005)	
2049	0	81	4,926	60	0	5,068	4,970	0	(0)	4,970	(98)	(5,018)	
2050	0	83	4,926	62	0	5,071	4,075	0	(0)	4,075	(996)	(5,140)	
2051	0	85	4,926	63	0	5,074	4,187	0	(0)	4,187	(887)	(5,240)	
2052	0	87	4,926	64	0	5,078	3,882	0	(0)	3,882	(1,196)	(5,365)	
2053	0	89	4,926	65	0	5,081	3,301	0	(0)	3,300	(1,781)	(5,538)	
2054	0	92	4,926	66	0	5,084	3,287	0	(0)	3,287	(1,797)	(5,698)	
2055	0	94	4,926	68	0	5,088	2,746	0	(0)	2,746	(2,342)	(5,892)	
2056	0	96	4,926	69	0	5,091	2,701	0	(0)	2,701	(2,390)	(6,076)	
2057	0	99	4,926	70	0	5,095	2,564	0	(0)	2,564	(2,531)	(6,255)	
2058	0	101	4,926	71	0	5,098	2,442	0	(0)	2,441	(2,657)	(6,429)	
2059	0	104	4,926	72	0	5,102	2,371	0	(0)	2,370	(2,732)	(6,595)	
2060	0	106	4,926	73	0	5,106	2,194	0	(0)	2,193	(2,913)	(6,758)	
2061	0	109	4,926	75	0	5,110	2,257	0	(0)	2,257	(2,853)	(6,906)	
2062	0	111	4,926	76	0	5,114	2,657	0	(0)	2,657	(2,457)	(7,024)	
2063	0	114	4,926	78	0	5,118	2,297	0	(0)	2,297	(2,821)	(7,150)	
2064	0	117	4,926	80	0	5,123	1,608	0	(0)	1,608	(3,515)	(7,294)	
2065	0	221	4,926	81	0	5,228	2,166	0	(0)	2,166	(3,063)	(7,411)	
2066	0	225	4,926	83	0	5,235	1,892	0	(0)	1,892	(3,343)	(7,528)	
2067	0	230	4,926	85	0	5,241	2,157	0	(0)	2,157	(3,084)	(7,629)	
2068	0	202	4,926	86	0	5,214	1,930	0	(0)	1,930	(3,284)	(7,728)	
2069	0	206	4,926	88	0	5,220	1,892	0	(0)	1,892	(3,328)	(7,820)	
2070	0	210	4,926	90	0	5,226	1,454	0	(0)	1,454	(3,772)	(7,917)	
2071	0	215	4,926	91	0	5,233	1,317	0	(0)	1,317	(3,916)	(8,011)	
2072	0	219	4,926	93	0	5,239	1,181	0	(0)	1,181	(4,058)	(8,100)	
2073	0	224	4,926	95	0	5,246	1,048	0	(0)	1,047	(4,198)	(8,186)	
2074	0	229	4,926	97	0	5,252	966	0	(0)	966	(4,286)	(8,267)	
2075	0	154	4,926	99	0	5,179	887	0	(0)	887	(4,292)	(8,342)	
2076	0	158	4,926	101	0	5,185	838	0	(0)	837	(4,347)	(8,412)	
2077	0	161	4,926	103	0	5,190	790	0	(0)	790	(4,401)	(8,478)	
2078	0	166	4,926	105	0	5,196	744	0	(0)	744	(4,452)	(8,539)	
2079	0	170	4,926	107	0	5,203	701	0	(0)	700	(4,502)	(8,597)	
2080	0	174	4,926	109	0	5,209	659	0	(0)	659	(4,550)	(8,651)	
2081	0	178	4,926	111	0	5,215	620	0	(0)	620	(4,596)	(8,701)	
2082	0	183	4,926	113	0	5,222	583	0	(0)	582	(4,640)	(8,748)	
NOM	0	6,659	264,779	3,750	0	275,188	178,332.37	0.00	0.00	(11.46)	178,321	(96,867)	
NPV	0	792	40,766	401	0	41,959	33,212	0	0	(1)	33,211	(8,748)	

Discount Rate :
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.10 %
0.79

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.93 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.19 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	6,282.01 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.443
(2) TRC TEST	1.415
(3) PARTICIPANT TEST	3.97

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	553	1,683	0	2,236	1,224	0	9,549	0	9,549	
2026	572	1,700	0	2,272	3,820	0	9,885	0	9,885	
2027	592	1,717	0	2,310	6,616	0	10,234	0	10,234	
2028	613	1,734	0	2,348	9,828	0	10,595	0	10,595	
2029	635	1,752	0	2,387	12,767	0	10,968	0	10,968	
2030	657	1,769	0	2,427	15,811	0	11,355	0	11,355	
2031	680	1,787	0	2,467	19,070	0	11,755	0	11,755	
2032	704	1,805	0	2,509	22,527	0	12,169	0	12,169	
2033	729	1,823	0	2,552	26,337	0	12,598	0	12,598	
2034	755	1,841	0	2,596	30,265	0	13,042	0	13,042	
2035	0	0	0	0	32,703	0	0	0	0	
2036	0	0	0	0	33,771	0	0	0	0	
2037	0	0	0	0	34,954	0	0	0	0	
2038	0	0	0	0	36,495	0	0	0	0	
2039	0	0	0	0	37,857	0	0	0	0	
2040	0	0	0	0	39,260	0	0	0	0	
2041	0	0	0	0	40,662	0	0	0	0	
2042	0	0	0	0	41,585	0	0	0	0	
2043	0	0	0	0	42,500	0	0	0	0	
2044	884	1,683	0	2,567	43,665	0	15,265	0	15,265	
2045	915	1,700	0	2,615	44,976	0	15,803	0	15,803	
2046	947	1,717	0	2,664	45,875	0	16,360	0	16,360	
2047	980	1,734	0	2,715	47,031	0	16,937	0	16,937	
2048	1,015	1,752	0	2,767	48,451	0	17,534	0	17,534	
2049	1,051	1,769	0	2,820	49,919	0	18,152	0	18,152	
2050	1,088	1,787	0	2,875	51,712	0	18,792	0	18,792	
2051	1,126	1,805	0	2,931	52,349	0	19,454	0	19,454	
2052	1,166	1,823	0	2,989	53,429	0	20,140	0	20,140	
2053	1,207	1,841	0	3,048	55,371	0	20,850	0	20,850	
2054	0	0	0	0	56,721	0	0	0	0	
2055	0	0	0	0	58,119	0	0	0	0	
2056	0	0	0	0	59,564	0	0	0	0	
2057	0	0	0	0	61,059	0	0	0	0	
2058	0	0	0	0	62,607	0	0	0	0	
2059	0	0	0	0	64,211	0	0	0	0	
2060	0	0	0	0	65,871	0	0	0	0	
2061	0	0	0	0	67,592	0	0	0	0	
2062	0	0	0	0	69,375	0	0	0	0	
2063	1,413	1,683	0	3,096	71,224	0	24,403	0	24,403	
2064	1,462	1,700	0	3,163	73,361	0	25,264	0	25,264	
2065	1,514	1,717	0	3,231	75,561	0	26,154	0	26,154	
2066	1,567	1,734	0	3,302	77,828	0	27,076	0	27,076	
2067	1,622	1,752	0	3,374	80,163	0	28,031	0	28,031	
2068	1,680	1,769	0	3,449	82,568	0	29,019	0	29,019	
2069	1,739	1,787	0	3,526	85,045	0	30,042	0	30,042	
2070	1,800	1,805	0	3,605	87,596	0	31,101	0	31,101	
2071	1,864	1,823	0	3,687	90,224	0	32,197	0	32,197	
2072	1,929	1,841	0	3,770	92,931	0	33,332	0	33,332	
2073	0	0	0	0	95,719	0	0	0	0	
2074	0	0	0	0	98,591	0	0	0	0	
2075	0	0	0	0	101,548	0	0	0	0	
2076	0	0	0	0	104,595	0	0	0	0	
2077	0	0	0	0	107,733	0	0	0	0	
2078	0	0	0	0	110,965	0	0	0	0	
2079	0	0	0	0	114,293	0	0	0	0	
2080	0	0	0	0	117,722	0	0	0	0	
2081	0	0	0	0	121,254	0	0	0	0	
2082	2,258	1,683	0	3,942	124,892	0	39,013	0	39,013	
NOM	35,717	54,522	0	90,238	3,459,763	0	617,067	0	617,067	
NPV	5,897	13,861	0	19,758	324,273	0	101,888	0	101,888	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	10.86	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	11.12	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	10.99	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	11.40	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	11.79	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	12.45	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	12.52	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	12.62	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	12.81	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	13.05	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	13.40	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	13.71	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	14.04	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	14.50	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	15.00	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	15.66	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	16.25	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	16.85	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	17.45	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	17.85	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.24	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	18.74	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.30	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	19.69	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.19	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.80	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.43	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	22.20	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.47	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.93	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	23.77	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	24.35	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	24.95	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	25.57	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	26.21	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	26.87	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	27.56	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	28.27	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	29.01	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	29.78	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	30.57	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	31.49	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	32.43	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	33.41	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	34.41	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	35.44	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	36.50	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	37.60	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	38.73	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	39.89	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	41.08	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	42.32	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	43.59	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	44.89	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	46.24	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	47.63	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	49.06	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	50.53	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	52.04	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	53.61	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

YEAR	(2) MID-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) ITC NORMALIZATION \$(000)	(12) TOTAL FIXED CHARGES \$(000)	(13) PRESENT WORTH FIXED CHARGES \$(000)	(14) CUMULATIVE PW FIXED CHARGES \$(000)	(15) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	55,281	784	0	3,492	652	928	20	1,102	592	0	7,571	7,571	7,571	55,121
2036	53,723	762	0	3,394	1,293	909	19	1,102	(82)	0	7,398	6,844	14,414	54,019
2037	51,980	737	0	3,284	1,862	891	19	1,102	(689)	0	7,207	6,168	20,582	52,917
2038	50,303	713	0	3,178	2,369	872	19	1,102	(1,232)	0	7,022	5,559	26,141	51,814
2039	48,686	690	0	3,076	2,820	853	18	1,102	(1,717)	0	6,843	5,012	31,154	50,712
2040	47,126	668	0	2,977	3,217	835	18	1,102	(2,147)	0	6,670	4,520	35,673	49,609
2041	45,618	647	0	2,882	3,565	816	17	1,102	(2,528)	0	6,502	4,076	39,749	48,507
2042	44,158	626	0	2,790	3,869	798	17	1,102	(2,863)	0	6,339	3,676	43,425	47,404
2043	42,724	606	0	2,699	4,165	779	17	1,102	(3,190)	0	6,178	3,314	46,739	46,302
2044	41,295	586	0	2,609	4,461	761	16	1,102	(3,517)	0	6,018	2,987	49,726	45,200
2045	39,866	565	0	2,519	4,757	742	16	1,102	(3,844)	0	5,858	2,690	52,416	44,097
2046	38,436	545	0	2,428	5,054	724	15	1,102	(4,171)	0	5,698	2,420	54,836	42,995
2047	37,007	525	0	2,338	5,350	705	15	1,102	(4,498)	0	5,538	2,176	57,011	41,892
2048	35,578	505	0	2,248	5,646	686	15	1,102	(4,825)	0	5,378	1,955	58,966	40,790
2049	34,148	484	0	2,157	5,943	668	14	1,102	(5,152)	0	5,217	1,754	60,721	39,687
2050	32,719	464	0	2,067	6,239	649	14	1,102	(5,479)	0	5,057	1,573	62,294	38,585
2051	31,289	444	0	1,977	6,535	631	13	1,102	(5,806)	0	4,897	1,409	63,703	37,483
2052	29,860	423	0	1,886	6,832	612	13	1,102	(6,132)	0	4,737	1,261	64,964	36,380
2053	28,431	403	0	1,796	7,128	594	13	1,102	(6,459)	0	4,577	1,127	66,091	35,278
2054	27,001	383	0	1,706	7,424	575	12	1,102	(6,786)	0	4,416	1,006	67,098	34,175
2055	25,712	365	0	1,624	7,742	557	12	1,102	(7,112)	0	4,270	900	67,998	33,073
2056	24,705	350	0	1,561	7,185	538	12	1,102	(6,596)	0	4,152	810	68,807	31,970
2057	23,838	338	0	1,506	6,931	520	11	1,102	(6,361)	0	4,047	730	69,537	30,868
2058	22,971	326	0	1,451	6,677	501	11	1,102	(6,125)	0	3,942	658	70,195	29,766
2059	22,104	313	0	1,396	6,423	482	10	1,102	(5,890)	0	3,838	593	70,788	28,663
2060	21,238	301	0	1,342	6,168	464	10	1,102	(5,654)	0	3,733	533	71,321	27,561
2061	20,371	289	0	1,287	5,914	445	10	1,102	(5,419)	0	3,629	479	71,800	26,458
2062	19,504	277	0	1,232	5,660	427	9	1,102	(5,183)	0	3,524	431	72,231	25,356
2063	18,637	264	0	1,177	5,406	408	9	1,102	(4,947)	0	3,419	387	72,618	24,253
2064	17,770	252	0	1,123	5,152	390	8	1,102	(4,712)	0	3,315	347	72,965	23,151
2065	16,903	240	0	1,068	4,897	371	8	1,102	(4,476)	0	3,210	311	73,275	22,049
2066	16,037	227	0	1,013	4,643	353	8	1,102	(4,241)	0	3,106	278	73,553	20,946
2067	15,170	215	0	958	4,389	334	7	1,102	(4,005)	0	3,001	249	73,802	19,844
2068	14,303	203	0	904	4,135	315	7	1,102	(3,769)	0	2,896	222	74,024	18,741
2069	13,436	191	0	849	3,881	297	6	1,102	(3,534)	0	2,792	198	74,222	17,639
2070	12,569	178	0	794	3,627	278	6	1,102	(3,298)	0	2,687	176	74,398	16,536
2071	11,702	166	0	739	3,372	260	6	1,102	(3,063)	0	2,583	157	74,554	15,434
2072	10,835	154	0	685	3,118	241	5	1,102	(2,827)	0	2,478	139	74,694	14,332
2073	9,969	141	0	630	2,864	223	5	1,102	(2,591)	0	2,373	123	74,817	13,229
2074	9,102	129	0	575	2,610	204	4	1,102	(2,356)	0	2,269	109	74,926	12,127
2075	8,235	117	0	520	2,356	186	4	1,102	(2,120)	0	2,164	96	75,022	11,024
2076	7,368	104	0	465	2,101	186	4	1,102	(1,885)	0	2,079	85	75,107	11,024
2077	6,501	92	0	411	1,847	186	4	1,102	(1,649)	0	1,993	76	75,183	11,024
2078	5,634	80	0	356	1,593	186	4	1,102	(1,414)	0	1,907	67	75,250	11,024
2079	4,768	68	0	301	1,339	186	4	1,102	(1,178)	0	1,822	59	75,309	11,024
2080	3,901	55	0	246	1,085	186	4	1,102	(942)	0	1,736	52	75,362	11,024
2081	3,034	43	0	192	831	186	4	1,102	(707)	0	1,650	46	75,408	11,024
2082	2,167	31	0	137	576	186	4	1,102	(471)	0	1,565	40	75,448	11,024
2083	1,300	18	0	82	322	186	4	1,102	(236)	0	1,479	35	75,483	11,024
2084	433	6	0	27	68	186	4	1,102	0	0	1,393	31	75,514	11,024

IN SERVICE COST (\$000)	55,121
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	1,866	1,866	1,102	1,102	1,102	1,102	592	8,645	0	0	0	592	1,422
2036	7.22%	3,591	5,457	1,102	2,205	1,102	2,205	(82)	8,645	0	0	0	(82)	1,340
2037	6.68%	3,322	8,779	1,102	3,307	1,102	3,307	(689)	8,645	0	0	0	(689)	651
2038	6.18%	3,073	11,852	1,102	4,410	1,102	4,410	(1,232)	8,645	0	0	0	(1,232)	(581)
2039	5.71%	2,842	14,694	1,102	5,512	1,102	5,512	(1,717)	8,645	0	0	0	(1,717)	(2,297)
2040	5.29%	2,629	17,323	1,102	6,615	1,102	6,615	(2,147)	8,645	0	0	0	(2,147)	(4,445)
2041	4.89%	2,432	19,755	1,102	7,717	1,102	7,717	(2,528)	8,645	0	0	0	(2,528)	(6,973)
2042	4.52%	2,250	22,005	1,102	8,819	1,102	8,819	(2,863)	8,645	0	0	0	(2,863)	(9,836)
2043	4.46%	2,220	24,225	1,102	9,922	1,102	9,922	(3,190)	8,645	0	0	0	(3,190)	(13,026)
2044	4.46%	2,219	26,444	1,102	11,024	1,102	11,024	(3,517)	8,645	0	0	0	(3,517)	(16,542)
2045	4.46%	2,220	28,664	1,102	12,127	1,102	12,127	(3,844)	8,645	0	0	0	(3,844)	(20,386)
2046	4.46%	2,219	30,883	1,102	13,229	1,102	13,229	(4,171)	8,645	0	0	0	(4,171)	(24,557)
2047	4.46%	2,220	33,103	1,102	14,332	1,102	14,332	(4,498)	8,645	0	0	0	(4,498)	(29,055)
2048	4.46%	2,219	35,322	1,102	15,434	1,102	15,434	(4,825)	8,645	0	0	0	(4,825)	(33,879)
2049	4.46%	2,220	37,542	1,102	16,536	1,102	16,536	(5,152)	8,645	0	0	0	(5,152)	(39,031)
2050	4.46%	2,219	39,761	1,102	17,639	1,102	17,639	(5,479)	8,645	0	0	0	(5,479)	(44,509)
2051	4.46%	2,220	41,981	1,102	18,741	1,102	18,741	(5,806)	8,645	0	0	0	(5,806)	(50,315)
2052	4.46%	2,219	44,201	1,102	19,844	1,102	19,844	(6,132)	8,645	0	0	0	(6,132)	(56,447)
2053	4.46%	2,220	46,420	1,102	20,946	1,102	20,946	(6,459)	8,645	0	0	0	(6,459)	(62,907)
2054	4.46%	2,219	48,640	1,102	22,049	1,102	22,049	(6,786)	8,645	0	0	0	(6,786)	(69,693)
2055	2.23%	1,110	49,750	1,102	23,151	1,102	23,151	(6,832)	8,645	0	0	0	(6,832)	(76,525)
2056	0.00%	0	49,750	1,102	24,253	1,102	24,253	(6,596)	8,645	0	0	0	(6,596)	(83,122)
2057	0.00%	0	49,750	1,102	25,356	1,102	25,356	(6,361)	8,645	0	0	0	(6,361)	(89,483)
2058	0.00%	0	49,750	1,102	26,458	1,102	26,458	(6,125)	8,645	0	0	0	(6,125)	(95,608)
2059	0.00%	0	49,750	1,102	27,561	1,102	27,561	(5,890)	8,645	0	0	0	(5,890)	(101,498)
2060	0.00%	0	49,750	1,102	28,663	1,102	28,663	(5,654)	8,645	0	0	0	(5,654)	(107,152)
2061	0.00%	0	49,750	1,102	29,766	1,102	29,766	(5,419)	8,645	0	0	0	(5,419)	(112,570)
2062	0.00%	0	49,750	1,102	30,868	1,102	30,868	(5,183)	8,645	0	0	0	(5,183)	(117,753)
2063	0.00%	0	49,750	1,102	31,970	1,102	31,970	(4,947)	8,645	0	0	0	(4,947)	(122,701)
2064	0.00%	0	49,750	1,102	33,073	1,102	33,073	(4,712)	8,645	0	0	0	(4,712)	(127,412)
2065	0.00%	0	49,750	1,102	34,175	1,102	34,175	(4,476)	8,645	0	0	0	(4,476)	(131,889)
2066	0.00%	0	49,750	1,102	35,278	1,102	35,278	(4,241)	8,645	0	0	0	(4,241)	(136,129)
2067	0.00%	0	49,750	1,102	36,380	1,102	36,380	(4,005)	8,645	0	0	0	(4,005)	(140,134)
2068	0.00%	0	49,750	1,102	37,483	1,102	37,483	(3,769)	8,645	0	0	0	(3,769)	(143,904)
2069	0.00%	0	49,750	1,102	38,585	1,102	38,585	(3,534)	8,645	0	0	0	(3,534)	(147,437)
2070	0.00%	0	49,750	1,102	39,687	1,102	39,687	(3,298)	8,645	0	0	0	(3,298)	(150,736)
2071	0.00%	0	49,750	1,102	40,790	1,102	40,790	(3,063)	8,645	0	0	0	(3,063)	(153,798)
2072	0.00%	0	49,750	1,102	41,892	1,102	41,892	(2,827)	8,645	0	0	0	(2,827)	(156,625)
2073	0.00%	0	49,750	1,102	42,995	1,102	42,995	(2,591)	8,645	0	0	0	(2,591)	(159,217)
2074	0.00%	0	49,750	1,102	44,097	1,102	44,097	(2,356)	8,645	0	0	0	(2,356)	(161,573)
2075	0.00%	0	49,750	1,102	45,200	1,102	45,200	(2,120)	8,645	0	0	0	(2,120)	(163,693)
2076	0.00%	0	49,750	1,102	46,302	1,102	46,302	(1,885)	8,645	0	0	0	(1,885)	(165,578)
2077	0.00%	0	49,750	1,102	47,404	1,102	47,404	(1,649)	8,645	0	0	0	(1,649)	(167,227)
2078	0.00%	0	49,750	1,102	48,507	1,102	48,507	(1,414)	8,645	0	0	0	(1,414)	(168,640)
2079	0.00%	0	49,750	1,102	49,609	1,102	49,609	(1,178)	8,645	0	0	0	(1,178)	(169,818)
2080	0.00%	0	49,750	1,102	50,712	1,102	50,712	(942)	8,645	0	0	0	(942)	(170,761)
2081	0.00%	0	49,750	1,102	51,814	1,102	51,814	(707)	8,645	0	0	0	(707)	(171,468)
2082	0.00%	0	49,750	1,102	52,917	1,102	52,917	(471)	8,645	0	0	0	(471)	(171,939)
2083	0.00%	0	49,750	1,102	54,019	1,102	54,019	(236)	8,645	0	0	0	(236)	(172,174)
2084	0.00%	0	49,750	1,102	55,121	1,102	55,121	0	8,645	0	0	0	0	(172,174)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	830
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	8,645
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2035	3.75%	1,866	592	54,019	1,102	1,422	55,951	54,611	55,281
2036	7.22%	3,591	(82)	52,917	2,205	1,340	54,611	52,834	53,723
2037	6.68%	3,322	(689)	51,814	3,307	651	52,834	51,126	51,980
2038	6.18%	3,073	(1,232)	50,712	4,410	(581)	51,126	49,480	50,303
2039	5.71%	2,842	(1,717)	49,609	5,512	(2,297)	49,480	47,893	48,686
2040	5.29%	2,629	(2,147)	48,507	6,615	(4,445)	47,893	46,359	47,126
2041	4.89%	2,432	(2,528)	47,404	7,717	(6,973)	46,359	44,876	45,618
2042	4.52%	2,250	(2,863)	46,302	8,819	(9,836)	44,876	43,439	44,158
2043	4.46%	2,220	(3,190)	45,200	9,922	(13,026)	43,439	42,010	42,724
2044	4.46%	2,219	(3,517)	44,097	11,024	(16,542)	42,010	40,580	41,295
2045	4.46%	2,220	(3,844)	42,995	12,127	(20,386)	40,580	39,151	39,866
2046	4.46%	2,219	(4,171)	41,892	13,229	(24,557)	39,151	37,722	38,436
2047	4.46%	2,220	(4,498)	40,790	14,332	(29,055)	37,722	36,292	37,007
2048	4.46%	2,219	(4,825)	39,687	15,434	(33,879)	36,292	34,863	35,578
2049	4.46%	2,220	(5,152)	38,585	16,536	(39,031)	34,863	33,433	34,148
2050	4.46%	2,219	(5,479)	37,483	17,639	(44,509)	33,433	32,004	32,719
2051	4.46%	2,220	(5,806)	36,380	18,741	(50,315)	32,004	30,575	31,289
2052	4.46%	2,219	(6,132)	35,278	19,844	(56,447)	30,575	29,145	29,860
2053	4.46%	2,220	(6,459)	34,175	20,946	(62,907)	29,145	27,716	28,431
2054	4.46%	2,219	(6,786)	33,073	22,049	(69,693)	27,716	26,286	27,001
2055	2.23%	1,110	(6,832)	31,970	23,151	(76,525)	26,286	25,138	25,712
2056	0.00%	0	(6,596)	30,868	24,253	(83,122)	25,138	24,271	24,705
2057	0.00%	0	(6,361)	29,766	25,356	(89,483)	24,271	23,405	23,838
2058	0.00%	0	(6,125)	28,663	26,458	(95,608)	23,405	22,538	22,971
2059	0.00%	0	(5,890)	27,561	27,561	(101,498)	22,538	21,671	22,104
2060	0.00%	0	(5,654)	26,458	28,663	(107,152)	21,671	20,804	21,238
2061	0.00%	0	(5,419)	25,356	29,766	(112,570)	20,804	19,937	20,371
2062	0.00%	0	(5,183)	24,253	30,868	(117,753)	19,937	19,070	19,504
2063	0.00%	0	(4,947)	23,151	31,970	(122,701)	19,070	18,204	18,637
2064	0.00%	0	(4,712)	22,049	33,073	(127,412)	18,204	17,337	17,770
2065	0.00%	0	(4,476)	20,946	34,175	(131,889)	17,337	16,470	16,903
2066	0.00%	0	(4,241)	19,844	35,278	(136,129)	16,470	15,603	16,037
2067	0.00%	0	(4,005)	18,741	36,380	(140,134)	15,603	14,736	15,170
2068	0.00%	0	(3,769)	17,639	37,483	(143,904)	14,736	13,869	14,303
2069	0.00%	0	(3,534)	16,536	38,585	(147,437)	13,869	13,003	13,436
2070	0.00%	0	(3,298)	15,434	39,687	(150,736)	13,003	12,136	12,569
2071	0.00%	0	(3,063)	14,332	40,790	(153,798)	12,136	11,269	11,702
2072	0.00%	0	(2,827)	13,229	41,892	(156,625)	11,269	10,402	10,835
2073	0.00%	0	(2,591)	12,127	42,995	(159,217)	10,402	9,535	9,969
2074	0.00%	0	(2,356)	11,024	44,097	(161,573)	9,535	8,668	9,102
2075	0.00%	0	(2,120)	9922	45,200	(163,693)	8,668	7,802	8,235
2076	0.00%	0	(1,885)	8819	46,302	(165,578)	7,802	6,935	7,368
2077	0.00%	0	(1,649)	7717	47,404	(167,227)	6,935	6,068	6,501
2078	0.00%	0	(1,414)	6615	48,507	(168,640)	6,068	5,201	5,634
2079	0.00%	0	(1,178)	5512	49,609	(169,818)	5,201	4,334	4,768
2080	0.00%	0	(942)	4410	50,712	(170,761)	4,334	3,467	3,901
2081	0.00%	0	(707)	3307	51,814	(171,468)	3,467	2,601	3,034
2082	0.00%	0	(471)	2205	52,917	(171,939)	2,601	1,734	2,167
2083	0.00%	0	(236)	1102	54,019	(172,174)	1,734	867	1,300
2084	0.00%	0	0	0	55,121	(172,174)	867	(0)	433

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

YEAR	(2) 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)
2023	-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	-5	205.19	2.87	2.87	12.76	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	-4	606.98	8.48	11.35	37.69	50.45	20.86	28.06	3.14	4.23	405.38	828.51
2032	-3	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	8.70	230.69	1,059.20
2033	-2	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	13.44	65.34	1,124.54
2034	-1	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	69.11	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	43,965	43,965	43,965
EQUITY AFUDC	8,645		
DEBT AFUDC	2,511	2,511	
CPI			5,784
IIC Basis Reduction (Solar)			
TOTAL	55,121	46,476	49,750

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	3,700	3,700	2.97	3.10	3.33	0.00	1.00	1.00
2026	7,437	7,437	3.41	3.53	3.89	0.00	1.00	1.00
2027	11,211	11,211	3.37	3.49	3.88	0.00	1.00	1.00
2028	15,023	15,023	3.51	3.57	3.96	0.00	1.00	1.00
2029	18,874	18,874	3.59	3.63	4.14	0.00	1.00	1.00
2030	22,762	22,762	3.29	3.28	3.86	0.00	1.00	1.00
2031	26,690	26,690	3.07	2.96	3.69	0.00	1.00	1.00
2032	30,657	30,657	2.95	2.81	3.65	0.00	1.00	1.00
2033	34,664	34,664	3.33	3.24	3.89	6.88	1.00	1.00
2034	38,710	38,710	3.53	3.46	4.10	6.98	1.00	1.00
2035	38,710	38,710	3.86	3.82	4.47	7.13	1.00	1.00
2036	38,710	38,710	4.00	3.95	4.54	6.98	1.00	1.00
2037	38,710	38,710	4.20	4.17	4.74	7.15	1.00	1.00
2038	38,710	38,710	4.53	4.54	5.10	7.22	1.00	1.00
2039	38,710	38,710	4.72	4.71	5.27	7.16	1.00	1.00
2040	38,710	38,710	5.06	5.06	5.58	7.38	1.00	1.00
2041	38,710	38,710	5.39	5.35	5.83	7.51	1.00	1.00
2042	38,710	38,710	5.49	5.48	5.95	7.59	1.00	1.00
2043	38,710	38,710	5.72	5.71	6.22	7.82	1.00	1.00
2044	38,710	38,710	6.11	6.13	6.64	8.08	1.00	1.00
2045	38,710	38,710	6.50	6.51	7.04	8.49	1.00	1.00
2046	38,710	38,710	6.71	6.74	7.29	8.36	1.00	1.00
2047	38,710	38,710	7.07	7.08	7.62	8.85	1.00	1.00
2048	38,710	38,710	7.41	7.42	8.03	9.24	1.00	1.00
2049	38,710	38,710	7.89	7.91	8.51	9.55	1.00	1.00
2050	38,710	38,710	8.54	8.60	9.25	10.09	1.00	1.00
2051	38,710	38,710	8.49	8.53	9.15	10.16	1.00	1.00
2052	38,710	38,710	8.54	8.59	9.18	10.08	1.00	1.00
2053	38,710	38,710	8.58	8.62	9.27	10.06	1.00	1.00
2054	38,710	38,710	8.61	8.67	9.22	9.85	1.00	1.00
2055	38,710	38,710	8.57	8.60	9.15	9.91	1.00	1.00
2056	38,710	38,710	8.54	8.61	9.12	9.73	1.00	1.00
2057	38,710	38,710	8.59	8.67	9.22	9.80	1.00	1.00
2058	38,710	38,710	8.51	8.55	9.08	9.59	1.00	1.00
2059	38,710	38,710	8.55	8.61	9.15	9.63	1.00	1.00
2060	38,710	38,710	8.59	8.66	9.15	9.54	1.00	1.00
2061	38,710	38,710	8.43	8.50	9.00	9.45	1.00	1.00
2062	38,710	38,710	8.42	8.48	8.99	9.27	1.00	1.00
2063	38,710	38,710	8.49	8.60	9.19	9.73	1.00	1.00
2064	38,710	38,710	8.47	8.57	9.05	9.62	1.00	1.00
2065	38,710	38,710	8.37	8.45	8.94	9.50	1.00	1.00
2066	38,710	38,710	8.32	8.40	8.95	9.49	1.00	1.00
2067	38,710	38,710	8.33	8.43	8.96	9.47	1.00	1.00
2068	38,710	38,710	8.39	8.50	8.52	9.42	1.00	1.00
2069	38,710	38,710	8.39	8.50	8.52	9.50	1.00	1.00
2070	38,710	38,710	8.39	8.50	8.52	9.30	1.00	1.00
2071	38,710	38,710	8.39	8.50	8.52	9.26	1.00	1.00
2072	38,710	38,710	8.39	8.50	8.52	9.22	1.00	1.00
2073	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2074	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2075	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2076	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2077	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2078	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2079	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2080	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2081	38,710	38,710	8.39	8.50	8.52	9.18	1.00	1.00
2082	38,710	38,710	8.39	8.50	8.52	9.18	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: 2025 DSM Plan - Business HVAC

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	7,571	737	28	17089	18746	6678
2036	7,398	755	31	18035	19773	6446
2037	7,207	774	32	18732	20527	6218
2038	7,022	794	34	19712	21628	5935
2039	6,843	814	37	20521	22296	5919
2040	6,670	834	38	21352	23297	5597
2041	6,502	855	41	22838	24899	5337
2042	6,339	876	42	22766	24872	5151
2043	6,178	898	43	23517	25632	5004
2044	6,018	920	45	24745	27145	4584
2045	5,858	943	47	26505	28853	4499
2046	5,698	967	49	26565	29087	4192
2047	5,538	991	50	28131	30772	3938
2048	5,378	1,016	51	29138	31771	3811
2049	5,217	1,041	53	30636	33619	3329
2050	5,057	1,067	55	32462	35923	2719
2051	4,897	1,094	57	32900	36152	2795
2052	4,737	1,122	57	32139	35466	2589
2053	4,577	1,150	60	32640	36231	2195
2054	4,416	1,178	62	32381	35851	2187
2055	4,270	1,208	64	32362	36084	1820
2056	4,152	1,238	65	31747	35412	1790
2057	4,047	1,269	68	32391	36077	1698
2058	3,942	1,301	70	31995	35693	1615
2059	3,838	1,333	71	31776	35451	1567
2060	3,733	1,366	73	31389	35115	1447
2061	3,629	1,401	74	30782	34394	1491
2062	3,524	1,436	77	30834	34109	1761
2063	3,419	1,472	79	32380	35832	1517
2064	3,315	1,508	81	31950	35802	1052
2065	3,210	1,546	83	31551	34961	1429
2066	3,106	1,585	85	31389	34921	1244
2067	3,001	1,624	87	31555	34844	1424
2068	2,896	1,665	89	31301	34681	1271
2069	2,792	1,707	91	31629	34974	1245
2070	2,687	1,749	93	30650	34231	948
2071	2,583	1,793	96	30469	34085	855
2072	2,478	1,838	98	30289	33939	764
2073	2,373	1,884	101	30108	33793	673
2074	2,269	1,931	103	30108	33793	618
2075	2,164	1,979	106	30108	33793	564
2076	2,079	2,029	108	30108	33793	531
2077	1,993	2,079	111	30108	33793	499
2078	1,907	2,131	114	30108	33793	468
2079	1,822	2,185	117	30108	33793	438
2080	1,736	2,239	120	30108	33793	410
2081	1,650	2,295	123	30108	33793	383
2082	1,565	2,352	126	30108	33793	358
NOM	199,302	66,969	3,482	1,380,326	1,531,078	119,002
NPV	29,644.91	5,158.29	251	127,559	140,330	22,283

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Business HVAC

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	363	0
2026	332	25	356	99	25	124	1,242	0
2027	667	42	709	200	42	243	2,059	0
2028	1,006	61	1,066	303	61	364	2,956	0
2029	1,348	80	1,429	407	81	488	3,876	0
2030	1,695	101	1,796	513	102	614	4,294	0
2031	2,047	123	2,170	620	124	744	4,561	0
2032	2,404	147	2,550	730	147	878	5,009	0
2033	2,767	171	2,938	842	172	1,014	6,608	0
2034	3,136	197	3,333	957	198	1,155	7,938	0
2035	3,512	213	3,725	1,074	214	1,288	9,266	0
2036	3,402	218	3,620	1,046	220	1,265	9,585	0
2037	3,292	224	3,516	1,018	225	1,243	10,128	0
2038	3,186	229	3,415	991	231	1,222	11,050	0
2039	3,081	235	3,316	964	237	1,201	11,459	0
2040	2,977	241	3,218	938	243	1,181	12,294	0
2041	2,875	247	3,122	912	249	1,161	12,996	0
2042	2,776	253	3,029	886	255	1,141	13,312	0
2043	2,680	260	2,940	860	261	1,122	13,876	0
2044	2,588	266	2,854	835	268	1,102	14,918	0
2045	2,501	273	2,773	809	274	1,083	15,849	0
2046	2,417	280	2,697	783	281	1,065	16,413	0
2047	2,338	287	2,624	758	288	1,047	17,230	0
2048	2,263	294	2,557	734	296	1,030	18,060	0
2049	2,193	301	2,494	711	303	1,014	19,255	0
2050	2,128	309	2,436	689	311	1,000	20,940	0
2051	2,066	316	2,383	668	318	986	20,754	0
2052	2,006	324	2,330	647	326	974	20,906	0
2053	1,946	332	2,278	628	334	963	20,991	0
2054	1,886	341	2,227	610	343	953	21,106	0
2055	1,826	349	2,175	593	351	944	20,941	0
2056	1,766	358	2,123	577	360	937	20,971	0
2057	1,705	367	2,072	561	369	930	21,110	0
2058	1,645	376	2,021	545	378	923	20,820	0
2059	1,585	385	1,971	529	388	917	20,963	0
2060	1,525	395	1,920	513	397	911	21,104	0
2061	1,465	405	1,870	498	407	905	20,698	0
2062	1,406	415	1,821	482	418	899	20,661	0
2063	1,347	425	1,773	466	428	894	20,953	0
2064	1,290	436	1,726	450	439	889	20,880	0
2065	1,234	447	1,681	434	450	884	20,587	0
2066	1,179	458	1,637	418	461	879	20,478	0
2067	1,125	470	1,594	402	472	875	20,547	0
2068	1,072	481	1,553	387	484	871	20,738	0
2069	1,020	493	1,514	372	496	868	20,738	0
2070	917	506	1,423	357	509	865	20,738	0
2071	809	518	1,328	342	522	863	20,738	0
2072	703	531	1,234	327	535	862	20,738	0
2073	599	545	1,143	313	548	861	20,738	0
2074	496	558	1,054	299	562	861	20,738	0
2075	395	572	967	286	576	862	20,738	0
2076	296	586	883	255	590	845	20,738	0
2077	200	601	801	225	605	830	20,738	0
2078	105	616	721	196	620	816	20,738	0
2079	12	631	644	166	635	802	20,738	0
2080	(0)	647	647	138	651	789	20,738	0
2081	(0)	663	663	109	668	777	20,738	0
2082	0	680	680	81	684	766	20,738	0
NOM	93,235	20,306.55	113,542	31,555	20,433	51,989	931,080	0
NPV	21,082	1,993	23,075	6,598	2,005	8,604	98,494	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	1	0	1
2031	0	0	1	0	1
2032	0	0	1	0	1
2033	0	0	1	0	1
2034	0	0	1	0	1
2035	1	1	1	0	1
2036	1	1	1	0	1
2037	1	1	1	0	1
2038	1	1	1	0	1
2039	1	1	1	0	1
2040	1	1	1	0	1
2041	1	1	1	0	1
2042	1	1	1	0	1
2043	1	1	1	0	1
2044	1	1	1	0	1
2045	1	1	1	0	1
2046	1	1	1	0	1
2047	1	1	1	0	1
2048	1	1	1	0	1
2049	1	1	1	0	1
2050	1	2	1	0	1
2051	1	2	1	0	1
2052	1	1	1	0	1
2053	1	2	1	0	1
2054	1	2	1	0	1
2055	1	2	1	0	1
2056	1	2	1	0	1
2057	1	2	1	0	1
2058	1	2	1	0	1
2059	1	2	1	0	1
2060	1	2	1	0	1
2061	1	2	1	0	1
2062	1	2	1	0	1
2063	1	2	1	0	1
2064	1	2	1	0	1
2065	1	2	1	0	1
2066	1	2	1	0	1
2067	1	2	1	0	1
2068	1	2	1	0	1
2069	1	2	1	0	1
2070	1	2	1	0	1
2071	1	2	1	0	1
2072	1	2	1	0	1
2073	1	2	1	0	1
2074	1	2	1	0	1
2075	1	2	1	0	1
2076	1	2	1	0	1
2077	1	2	1	0	1
2078	1	2	1	0	1
2079	1	2	1	0	1
2080	1	2	1	0	1
2081	1	2	1	0	1
2082	1	2	1	0	1
NOM	63	71	54	0	46
NPV	6	7	8	0	7

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business HVAC

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	553	9,549	0	10,101	0	0	363	0	363	(9,739)	(8,335)
2026	0	572	9,885	0	10,457	0	480	1,242	0	1,723	(8,735)	(15,250)
2027	0	592	10,234	0	10,826	0	952	2,059	0	3,011	(7,815)	(20,974)
2028	0	613	10,595	0	11,208	0	1,430	2,956	0	4,386	(6,821)	(25,596)
2029	0	635	10,968	0	11,603	0	1,916	3,876	0	5,792	(5,810)	(29,238)
2030	0	657	11,355	0	12,012	0	2,411	4,294	1	6,705	(5,306)	(32,315)
2031	0	680	11,755	0	12,435	0	2,914	4,561	1	7,476	(4,959)	(34,976)
2032	0	704	12,169	0	12,874	0	3,428	5,009	1	8,438	(4,435)	(37,177)
2033	0	729	12,598	0	13,327	0	3,953	6,608	1	10,561	(2,766)	(38,447)
2034	0	755	13,042	0	13,797	0	4,488	7,938	1	12,427	(1,370)	(39,029)
2035	0	0	0	0	0	6,678	5,013	9,266	1	20,958	20,958	(30,794)
2036	0	0	0	0	0	6,446	4,885	9,585	1	20,917	20,917	(23,191)
2037	0	0	0	0	0	6,218	4,760	10,128	1	21,107	21,107	(16,093)
2038	0	0	0	0	0	5,935	4,637	11,050	1	21,623	21,623	(9,367)
2039	0	0	0	0	0	5,919	4,517	11,459	1	21,895	21,895	(3,066)
2040	0	0	0	0	0	5,597	4,399	12,294	1	22,291	22,291	2,869
2041	0	0	0	0	0	5,337	4,283	12,996	1	22,617	22,617	8,439
2042	0	0	0	0	0	5,151	4,170	13,312	1	22,634	22,634	13,597
2043	0	0	0	0	0	5,004	4,061	13,876	1	22,942	22,942	18,432
2044	0	884	15,265	0	16,149	4,584	3,957	14,918	1	23,460	7,311	19,858
2045	0	915	15,803	0	16,718	4,499	3,857	15,849	1	24,206	7,488	21,209
2046	0	947	16,360	0	17,307	4,192	3,761	16,413	1	24,367	7,060	22,387
2047	0	980	16,937	0	17,917	3,938	3,671	17,230	1	24,840	6,923	23,456
2048	0	1,015	17,534	0	18,549	3,811	3,587	18,060	1	25,459	6,910	24,443
2049	0	1,051	18,152	0	19,203	3,329	3,508	19,255	1	26,092	6,890	25,353
2050	0	1,088	18,792	0	19,880	2,719	3,436	20,940	1	27,095	7,216	26,235
2051	0	1,126	19,454	0	20,580	2,795	3,369	20,754	1	26,919	6,339	26,952
2052	0	1,166	20,140	0	21,306	2,589	3,304	20,906	1	26,799	5,494	27,526
2053	0	1,207	20,850	0	22,057	2,195	3,241	20,991	1	26,428	4,372	27,949
2054	0	0	0	0	0	2,187	3,179	21,106	1	26,473	26,473	30,319
2055	0	0	0	0	0	1,820	3,119	20,941	1	25,881	25,881	32,463
2056	0	0	0	0	0	1,790	3,060	20,971	1	25,822	25,822	34,441
2057	0	0	0	0	0	1,698	3,002	21,110	1	25,811	25,811	36,271
2058	0	0	0	0	0	1,615	2,945	20,820	1	25,381	25,381	37,935
2059	0	0	0	0	0	1,567	2,888	20,963	1	25,419	25,419	39,477
2060	0	0	0	0	0	1,447	2,831	21,104	1	25,383	25,383	40,901
2061	0	0	0	0	0	1,491	2,775	20,698	1	24,965	24,965	42,197
2062	0	0	0	0	0	1,761	2,720	20,661	1	25,142	25,142	43,405
2063	0	1,413	24,403	0	25,816	1,517	2,666	20,953	1	25,138	(678)	43,375
2064	0	1,462	25,264	0	26,726	1,052	2,615	20,880	1	24,547	(2,179)	43,285
2065	0	1,514	26,154	0	27,668	1,429	2,564	20,587	1	24,581	(3,087)	43,168
2066	0	1,567	27,076	0	28,643	1,244	2,516	20,478	1	24,238	(4,405)	43,013
2067	0	1,622	28,031	0	29,653	1,424	2,469	20,547	1	24,441	(5,212)	42,843
2068	0	1,680	29,019	0	30,698	1,271	2,424	20,738	1	24,434	(6,265)	42,655
2069	0	1,739	30,042	0	31,780	1,245	2,382	20,738	1	24,365	(7,415)	42,448
2070	0	1,800	31,101	0	32,901	948	2,288	20,738	1	23,976	(8,925)	42,218
2071	0	1,864	32,197	0	34,060	855	2,191	20,738	1	23,785	(10,275)	41,973
2072	0	1,929	33,332	0	35,261	764	2,096	20,738	1	23,599	(11,662)	41,716
2073	0	0	0	0	0	673	2,005	20,738	1	23,417	23,417	42,194
2074	0	0	0	0	0	618	1,915	20,738	1	23,272	23,272	42,633
2075	0	0	0	0	0	564	1,829	20,738	1	23,132	23,132	43,037
2076	0	0	0	0	0	531	1,728	20,738	1	22,998	22,998	43,408
2077	0	0	0	0	0	499	1,631	20,738	1	22,868	22,868	43,750
2078	0	0	0	0	0	468	1,537	20,738	1	22,743	22,743	44,064
2079	0	0	0	0	0	438	1,446	20,738	1	22,623	22,623	44,354
2080	0	0	0	0	0	410	1,436	20,738	1	22,585	22,585	44,621
2081	0	0	0	0	0	383	1,440	20,738	1	22,563	22,563	44,868
2082	0	2,258	39,013	0	41,271	358	1,446	20,738	1	22,543	(18,728)	44,678
NOM	0	35,717	617,067	0	652,784	119,001.51	165,530	931,080	46	1,215,658	562,874	
NPV	0	5,897	101,888	0	107,785	22,283	31,678	98,494	7	152,463.01	44,678	

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

8.10 %
 1.41

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Business HVAC

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	1,474	0	1,683	0	3,158	9,549	0	0	9,549	(6,391)	(5,470)
2026	4,602	0	1,700	0	6,303	9,885	0	0	9,885	(3,583)	(8,306)
2027	7,972	0	1,717	0	9,689	10,234	0	0	10,234	(545)	(8,705)
2028	11,841	0	1,734	0	13,575	10,595	0	0	10,595	2,981	(6,686)
2029	15,382	0	1,752	0	17,134	10,968	0	0	10,968	6,166	(2,821)
2030	19,049	0	1,769	0	20,819	11,355	0	0	11,355	9,464	2,667
2031	22,975	0	1,787	0	24,762	11,755	0	0	11,755	13,008	9,645
2032	27,141	0	1,805	0	28,946	12,169	0	0	12,169	16,777	17,972
2033	31,732	0	1,823	0	33,554	12,598	0	0	12,598	20,956	27,593
2034	36,464	0	1,841	0	38,305	13,042	0	0	13,042	25,263	38,323
2035	39,401	0	0	0	39,401	0	0	0	0	39,401	53,804
2036	40,688	0	0	0	40,688	0	0	0	0	40,688	68,594
2037	42,113	0	0	0	42,113	0	0	0	0	42,113	82,755
2038	43,969	0	0	0	43,969	0	0	0	0	43,969	96,434
2039	45,611	0	0	0	45,611	0	0	0	0	45,611	109,560
2040	47,302	0	0	0	47,302	0	0	0	0	47,302	122,153
2041	48,990	0	0	0	48,990	0	0	0	0	48,990	134,219
2042	50,103	0	0	0	50,103	0	0	0	0	50,103	145,635
2043	51,205	0	0	0	51,205	0	0	0	0	51,205	156,428
2044	52,609	0	1,683	0	54,292	15,265	0	0	15,265	39,027	164,038
2045	54,188	0	1,700	0	55,888	15,803	0	0	15,803	40,085	171,269
2046	55,271	0	1,717	0	56,988	16,360	0	0	16,360	40,628	178,049
2047	56,664	0	1,734	0	58,399	16,937	0	0	16,937	41,462	184,450
2048	58,375	0	1,752	0	60,127	17,534	0	0	17,534	42,593	190,534
2049	60,143	0	1,769	0	61,913	18,152	0	0	18,152	43,761	196,316
2050	62,304	0	1,787	0	64,091	18,792	0	0	18,792	45,299	201,853
2051	63,071	0	1,805	0	64,876	19,454	0	0	19,454	45,422	206,989
2052	64,372	0	1,823	0	66,195	20,140	0	0	20,140	46,055	211,806
2053	66,711	0	1,841	0	68,553	20,850	0	0	20,850	47,703	216,423
2054	68,339	0	0	0	68,339	0	0	0	0	68,339	222,541
2055	70,022	0	0	0	70,022	0	0	0	0	70,022	228,340
2056	71,764	0	0	0	71,764	0	0	0	0	71,764	233,838
2057	73,565	0	0	0	73,565	0	0	0	0	73,565	239,053
2058	75,431	0	0	0	75,431	0	0	0	0	75,431	243,999
2059	77,362	0	0	0	77,362	0	0	0	0	77,362	248,692
2060	79,363	0	0	0	79,363	0	0	0	0	79,363	253,145
2061	81,436	0	0	0	81,436	0	0	0	0	81,436	257,373
2062	83,584	0	0	0	83,584	0	0	0	0	83,584	261,387
2063	85,812	0	1,683	0	87,495	24,403	0	0	24,403	63,092	264,190
2064	88,386	0	1,700	0	90,087	25,264	0	0	25,264	64,823	266,855
2065	91,038	0	1,717	0	92,755	26,154	0	0	26,154	66,601	269,387
2066	93,769	0	1,734	0	95,504	27,076	0	0	27,076	68,427	271,794
2067	96,582	0	1,752	0	98,334	28,031	0	0	28,031	70,303	274,082
2068	99,480	0	1,769	0	101,249	29,019	0	0	29,019	72,230	276,257
2069	102,464	0	1,787	0	104,251	30,042	0	0	30,042	74,209	278,323
2070	105,538	0	1,805	0	107,343	31,101	0	0	31,101	76,242	280,288
2071	108,704	0	1,823	0	110,527	32,197	0	0	32,197	78,330	282,155
2072	111,965	0	1,841	0	113,806	33,332	0	0	33,332	80,474	283,929
2073	115,324	0	0	0	115,324	0	0	0	0	115,324	286,281
2074	118,784	0	0	0	118,784	0	0	0	0	118,784	288,523
2075	122,347	0	0	0	122,347	0	0	0	0	122,347	290,659
2076	126,018	0	0	0	126,018	0	0	0	0	126,018	292,694
2077	129,798	0	0	0	129,798	0	0	0	0	129,798	294,633
2078	133,692	0	0	0	133,692	0	0	0	0	133,692	296,481
2079	137,703	0	0	0	137,703	0	0	0	0	137,703	298,242
2080	141,834	0	0	0	141,834	0	0	0	0	141,834	299,919
2081	146,089	0	0	0	146,089	0	0	0	0	146,089	301,518
2082	150,472	0	1,683	0	152,155	39,013	0	0	39,013	113,143	302,663
NOM	4,168,389	0	54,522	0	4,222,910	617,067	0	0	617,067	3,605,843	
NPV	390,690	0	13,861	0	404,551	101,888	0	0	101,888	302,663	

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

2035
8.10 %
3.97

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Business HVAC

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	553	1,683	1,224	0	3,460	363	0	0	0	363	(3,097)	(2,651)
2026	0	572	1,700	3,820	0	6,092	1,242	480	0	0	1,723	(4,370)	(6,110)
2027	0	592	1,717	6,616	0	8,926	2,059	952	0	0	3,011	(5,915)	(10,442)
2028	0	613	1,734	9,828	0	12,175	2,956	1,430	0	0	4,386	(7,789)	(15,720)
2029	0	635	1,752	12,767	0	15,154	3,876	1,916	0	0	5,792	(9,361)	(21,588)
2030	0	657	1,769	15,811	0	18,238	4,294	2,411	0	1	6,705	(11,532)	(28,275)
2031	0	680	1,787	19,070	0	21,537	4,561	2,914	0	1	7,476	(14,061)	(35,818)
2032	0	704	1,805	22,527	0	25,037	5,009	3,428	0	1	8,438	(16,598)	(44,056)
2033	0	729	1,823	26,337	0	28,889	6,608	3,953	0	1	10,561	(18,328)	(52,471)
2034	0	755	1,841	30,265	0	32,861	7,938	4,488	0	1	12,427	(20,434)	(61,149)
2035	0	0	0	32,703	0	32,703	15,944	5,013	0	1	20,958	(11,745)	(65,764)
2036	0	0	0	33,771	0	33,771	16,031	4,885	0	1	20,917	(12,854)	(70,437)
2037	0	0	0	34,954	0	34,954	16,346	4,760	0	1	21,107	(13,847)	(75,093)
2038	0	0	0	36,495	0	36,495	16,985	4,637	0	1	21,623	(14,872)	(79,719)
2039	0	0	0	37,857	0	37,857	17,377	4,517	0	1	21,895	(15,962)	(84,313)
2040	0	0	0	39,260	0	39,260	17,891	4,399	0	1	22,291	(16,969)	(88,831)
2041	0	0	0	40,662	0	40,662	18,333	4,283	0	1	22,617	(18,045)	(93,275)
2042	0	0	0	41,585	0	41,585	18,463	4,170	0	1	22,634	(18,951)	(97,593)
2043	0	0	0	42,500	0	42,500	18,880	4,061	0	1	22,942	(19,558)	(101,716)
2044	0	884	1,683	43,665	0	46,232	19,502	3,957	0	1	23,460	(22,772)	(106,156)
2045	0	915	1,700	44,976	0	47,591	20,348	3,857	0	1	24,206	(23,385)	(110,375)
2046	0	947	1,717	45,875	0	48,539	20,605	3,761	0	1	24,367	(24,172)	(114,409)
2047	0	980	1,734	47,031	0	49,746	21,168	3,671	0	1	24,840	(24,906)	(118,254)
2048	0	1,015	1,752	48,451	0	51,218	21,871	3,587	0	1	25,459	(25,759)	(121,933)
2049	0	1,051	1,769	49,919	0	52,739	22,583	3,508	0	1	26,092	(26,647)	(125,454)
2050	0	1,088	1,787	51,712	0	54,587	23,659	3,436	0	1	27,095	(27,491)	(128,814)
2051	0	1,126	1,805	52,349	0	55,280	23,550	3,369	0	1	26,919	(28,361)	(132,021)
2052	0	1,166	1,823	53,429	0	56,417	23,495	3,304	0	1	26,799	(29,618)	(135,119)
2053	0	1,207	1,841	55,371	0	58,419	23,187	3,241	0	1	26,428	(31,990)	(138,215)
2054	0	0	0	56,721	0	56,721	23,293	3,179	0	1	26,473	(30,248)	(140,923)
2055	0	0	0	58,119	0	58,119	22,760	3,119	0	1	25,881	(32,238)	(143,593)
2056	0	0	0	59,564	0	59,564	22,761	3,060	0	1	25,822	(33,741)	(146,178)
2057	0	0	0	61,059	0	61,059	22,807	3,002	0	1	25,811	(35,249)	(148,676)
2058	0	0	0	62,607	0	62,607	22,435	2,945	0	1	25,381	(37,227)	(151,117)
2059	0	0	0	64,211	0	64,211	22,530	2,888	0	1	25,419	(38,792)	(153,471)
2060	0	0	0	65,871	0	65,871	22,551	2,831	0	1	25,383	(40,488)	(155,743)
2061	0	0	0	67,592	0	67,592	22,190	2,775	0	1	24,965	(42,626)	(157,956)
2062	0	0	0	69,375	0	69,375	22,422	2,720	0	1	25,142	(44,233)	(160,080)
2063	0	1,413	1,683	71,224	0	74,320	22,470	2,666	0	1	25,138	(49,182)	(162,265)
2064	0	1,462	1,700	73,361	0	76,523	21,932	2,615	0	1	24,547	(51,976)	(164,401)
2065	0	1,514	1,717	75,561	0	78,793	22,016	2,564	0	1	24,581	(54,212)	(166,463)
2066	0	1,567	1,734	77,828	0	81,130	21,722	2,516	0	1	24,238	(56,892)	(168,464)
2067	0	1,622	1,752	80,163	0	83,537	21,971	2,469	0	1	24,441	(59,097)	(170,387)
2068	0	1,680	1,769	82,568	0	86,017	22,009	2,424	0	1	24,434	(61,583)	(172,241)
2069	0	1,739	1,787	85,045	0	88,571	21,983	2,382	0	1	24,365	(64,206)	(174,029)
2070	0	1,800	1,805	87,596	0	91,201	21,686	2,288	0	1	23,976	(67,226)	(175,761)
2071	0	1,864	1,823	90,224	0	93,911	21,593	2,191	0	1	23,785	(70,126)	(177,433)
2072	0	1,929	1,841	92,931	0	96,702	21,502	2,096	0	1	23,599	(73,103)	(179,044)
2073	0	0	0	95,719	0	95,719	21,411	2,005	0	1	23,417	(76,302)	(180,519)
2074	0	0	0	98,591	0	98,591	21,356	1,915	0	1	23,272	(79,518)	(181,941)
2075	0	0	0	101,548	0	101,548	21,302	1,829	0	1	23,132	(82,741)	(183,310)
2076	0	0	0	104,595	0	104,595	21,269	1,728	0	1	22,998	(86,079)	(184,627)
2077	0	0	0	107,733	0	107,733	21,237	1,631	0	1	22,868	(89,530)	(185,895)
2078	0	0	0	110,965	0	110,965	21,206	1,537	0	1	22,743	(93,093)	(187,115)
2079	0	0	0	114,293	0	114,293	21,176	1,446	0	1	22,623	(96,776)	(188,287)
2080	0	0	0	117,722	0	117,722	21,148	1,436	0	1	22,585	(100,519)	(189,412)
2081	0	0	0	121,254	0	121,254	21,121	1,440	0	1	22,563	(104,330)	(190,492)
2082	0	2,258	1,683	124,892	0	128,833	21,096	1,446	0	1	22,543	(108,290)	(191,568)
NOM	0	35,717	54,522	3,459,763	0	3,550,001	1,050,081.51	165,530.24	0.00	46.38	1,215,658	(2,334,343)	
NPV	0	5,897	13,861	324,273	0	344,031	120,777	31,678	0	7	152,463	(191,568)	

Discount Rate : 8.10 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 0.44

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.98 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.26 kW
(3) kW LINE LOSS PERCENTAGE	5.28 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	\$,142.34 kWh
(5) kWh LINE LOSS PERCENTAGE	4.19 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	62 YEARS
(2) GENERATOR ECONOMIC LIFE	50 YEARS
(3) T&D ECONOMIC LIFE	50 YEARS
(4) K FACTOR FOR GENERATION	1.37
(5) K FACTOR FOR T & D.....	1.31

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	8.10 %
* (11) UTILITY AFUDC RATE.....	6.22 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2023
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2035
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2026-2035
(4) BASE YEAR AVOIDED GENERATING COST	786.35 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	499.12 \$/kW
(6) BASE YEAR DISTRIBUTION COST	196.58 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.00 %**
(8) GENERATOR FIXED O & M COST	11.87 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %**
(10) TRANSMISSION FIXED O & M COST	3.43 \$/kW
(11) DISTRIBUTION FIXED O & M COST	4.45 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.5 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.01 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %**
(15) GENERATOR CAPACITY FACTOR	65 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.50 CENTS/kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-2.00 %**

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	*** %

VI. COST-EFFECTIVENESS RATIOS

(1) RIM TEST	0.426
(2) TRC TEST.....	1.401
(3) PARTICIPANT TEST	3.98

* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

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)
2023	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	
2025	92	1,063	0	1,155	1,316	0	8,726	0	8,726	
2026	96	1,084	0	1,181	4,122	0	9,123	0	9,123	
2027	101	1,106	0	1,207	7,173	0	9,539	0	9,539	
2028	105	1,128	0	1,233	10,706	0	9,973	0	9,973	
2029	110	1,151	0	1,261	13,978	0	10,426	0	10,426	
2030	115	1,174	0	1,289	17,397	0	10,901	0	10,901	
2031	120	1,197	0	1,318	21,088	0	11,397	0	11,397	
2032	126	1,221	0	1,347	25,039	0	11,915	0	11,915	
2033	131	1,246	0	1,377	29,423	0	12,457	0	12,457	
2034	137	1,271	0	1,408	33,985	0	13,024	0	13,024	
2035	0	0	0	0	36,812	0	0	0	0	
2036	0	0	0	0	38,015	0	0	0	0	
2037	0	0	0	0	39,346	0	0	0	0	
2038	0	0	0	0	41,080	0	0	0	0	
2039	0	0	0	0	42,614	0	0	0	0	
2040	133	1,063	0	1,196	44,194	0	12,638	0	12,638	
2041	139	1,084	0	1,224	45,771	0	13,213	0	13,213	
2042	146	1,106	0	1,252	46,811	0	13,815	0	13,815	
2043	152	1,128	0	1,281	47,841	0	14,443	0	14,443	
2044	159	1,151	0	1,310	49,152	0	15,100	0	15,100	
2045	167	1,174	0	1,340	50,628	0	15,787	0	15,787	
2046	174	1,197	0	1,371	51,639	0	16,506	0	16,506	
2047	182	1,221	0	1,403	52,941	0	17,257	0	17,257	
2048	190	1,246	0	1,436	54,540	0	18,042	0	18,042	
2049	199	1,271	0	1,470	56,192	0	18,863	0	18,863	
2050	0	0	0	0	58,210	0	0	0	0	
2051	0	0	0	0	58,927	0	0	0	0	
2052	0	0	0	0	60,142	0	0	0	0	
2053	0	0	0	0	62,328	0	0	0	0	
2054	0	0	0	0	63,849	0	0	0	0	
2055	193	1,063	0	1,256	65,422	0	18,304	0	18,304	
2056	202	1,084	0	1,286	67,048	0	19,137	0	19,137	
2057	211	1,106	0	1,317	68,732	0	20,008	0	20,008	
2058	221	1,128	0	1,349	70,475	0	20,918	0	20,918	
2059	231	1,151	0	1,382	72,279	0	21,870	0	21,870	
2060	241	1,174	0	1,415	74,148	0	22,865	0	22,865	
2061	252	1,197	0	1,450	76,085	0	23,905	0	23,905	
2062	264	1,221	0	1,485	78,093	0	24,993	0	24,993	
2063	276	1,246	0	1,521	80,174	0	26,130	0	26,130	
2064	288	1,271	0	1,559	82,579	0	27,319	0	27,319	
2065	0	0	0	0	85,056	0	0	0	0	
2066	0	0	0	0	87,608	0	0	0	0	
2067	0	0	0	0	90,236	0	0	0	0	
2068	0	0	0	0	92,943	0	0	0	0	
2069	0	0	0	0	95,732	0	0	0	0	
2070	280	1,063	0	1,343	98,604	0	26,510	0	26,510	
2071	293	1,084	0	1,377	101,562	0	27,716	0	27,716	
2072	306	1,106	0	1,412	104,609	0	28,977	0	28,977	
2073	320	1,128	0	1,448	107,747	0	30,296	0	30,296	
2074	334	1,151	0	1,485	110,979	0	31,674	0	31,674	
2075	349	1,174	0	1,523	114,309	0	33,115	0	33,115	
2076	365	1,197	0	1,563	117,738	0	34,622	0	34,622	
2077	382	1,221	0	1,603	121,270	0	36,197	0	36,197	
2078	399	1,246	0	1,645	124,908	0	37,844	0	37,844	
2079	418	1,271	0	1,688	128,655	0	39,566	0	39,566	
2080	0	0	0	0	132,515	0	0	0	0	
2081	0	0	0	0	136,491	0	0	0	0	
2082	0	0	0	0	140,585	0	0	0	0	
NOM	8,603	46,563	0	55,166	3,891,845	0	815,110	0	815,110	
NPV	1,189	10,216	0	11,405	363,407	0	112,673	0	112,673	

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

Year	(1) Escalation Rates CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7a) Onpeak Energy Charge (cents/kwh)	(7b) Offpeak Energy Charge (cents/kwh)	(8) Demand Charge (\$/kw)
2023	2.50	2.50	2.50	0.00	0.00	2.00	10.86	0.00	0.00
2024	2.50	2.50	2.50	0.00	0.00	2.00	11.12	0.00	0.00
2025	2.50	2.50	2.50	0.00	0.00	2.00	10.99	0.00	0.00
2026	2.50	2.50	2.50	0.00	0.00	2.00	11.40	0.00	0.00
2027	2.50	2.50	2.50	0.00	0.00	2.00	11.79	0.00	0.00
2028	2.50	2.50	2.50	0.00	0.00	2.00	12.45	0.00	0.00
2029	2.50	2.50	2.50	0.00	0.00	2.00	12.52	0.00	0.00
2030	2.50	2.50	2.50	0.00	0.00	2.00	12.62	0.00	0.00
2031	2.50	2.50	2.50	0.00	0.00	2.00	12.81	0.00	0.00
2032	2.50	2.50	2.50	0.00	0.00	2.00	13.05	0.00	0.00
2033	2.50	2.50	2.50	6.27	63.00	2.00	13.40	0.00	0.00
2034	2.50	2.50	2.50	6.39	65.00	2.00	13.71	0.00	0.00
2035	2.50	2.50	2.50	6.50	65.00	2.00	14.04	0.00	0.00
2036	2.50	2.50	2.50	6.37	70.00	2.00	14.50	0.00	0.00
2037	2.50	2.50	2.50	6.52	71.00	2.00	15.00	0.00	0.00
2038	2.50	2.50	2.50	6.59	74.00	2.00	15.66	0.00	0.00
2039	2.50	2.50	2.50	6.59	77.00	2.00	16.25	0.00	0.00
2040	2.50	2.50	2.50	6.77	78.00	2.00	16.85	0.00	0.00
2041	2.50	2.50	2.50	6.89	82.00	2.00	17.45	0.00	0.00
2042	2.50	2.50	2.50	6.95	81.00	2.00	17.85	0.00	0.00
2043	2.50	2.50	2.50	7.18	81.00	2.00	18.24	0.00	0.00
2044	2.50	2.50	2.50	7.37	83.00	2.00	18.74	0.00	0.00
2045	2.50	2.50	2.50	7.80	84.00	2.00	19.30	0.00	0.00
2046	2.50	2.50	2.50	7.64	86.00	2.00	19.69	0.00	0.00
2047	2.50	2.50	2.50	8.09	86.00	2.00	20.19	0.00	0.00
2048	2.50	2.50	2.50	8.47	85.00	2.00	20.80	0.00	0.00
2049	2.50	2.50	2.50	8.71	87.00	2.00	21.43	0.00	0.00
2050	2.50	2.50	2.50	9.12	88.00	2.00	22.20	0.00	0.00
2051	2.50	2.50	2.50	9.24	88.00	2.00	22.47	0.00	0.00
2052	2.50	2.50	2.50	9.13	87.00	2.00	22.93	0.00	0.00
2053	2.50	2.50	2.50	9.07	89.00	2.00	23.77	0.00	0.00
2054	2.50	2.50	2.50	8.89	90.00	2.00	24.35	0.00	0.00
2055	2.50	2.50	2.50	8.89	90.00	2.00	24.95	0.00	0.00
2056	2.50	2.50	2.50	8.72	90.00	2.00	25.57	0.00	0.00
2057	2.50	2.50	2.50	8.80	91.00	2.00	26.21	0.00	0.00
2058	2.50	2.50	2.50	8.60	92.00	2.00	26.87	0.00	0.00
2059	2.50	2.50	2.50	8.63	91.00	2.00	27.56	0.00	0.00
2060	2.50	2.50	2.50	8.53	91.00	2.00	28.27	0.00	0.00
2061	2.50	2.50	2.50	8.46	90.00	2.00	29.01	0.00	0.00
2062	2.50	2.50	2.50	8.38	91.00	2.00	29.78	0.00	0.00
2063	2.50	2.50	2.50	8.80	91.00	2.00	30.57	0.00	0.00
2064	2.50	2.50	2.50	8.59	92.00	2.00	31.49	0.00	0.00
2065	2.50	2.50	2.50	8.57	91.00	2.00	32.43	0.00	0.00
2066	2.50	2.50	2.50	8.53	91.00	2.00	33.41	0.00	0.00
2067	2.50	2.50	2.50	8.57	91.00	2.00	34.41	0.00	0.00
2068	2.50	2.50	2.50	8.50	91.00	2.00	35.44	0.00	0.00
2069	2.50	2.50	2.50	8.59	91.00	2.00	36.50	0.00	0.00
2070	2.50	2.50	2.50	8.33	91.00	2.00	37.60	0.00	0.00
2071	2.50	2.50	2.50	8.28	91.00	2.00	38.73	0.00	0.00
2072	2.50	2.50	2.50	8.23	91.00	2.00	39.89	0.00	0.00
2073	2.5	2.5	2.5	8.18	91.00	2.00	41.08	0.00	0.00
2074	2.5	2.5	2.5	8.18	91.00	2.00	42.32	0.00	0.00
2075	2.5	2.5	2.5	8.18	91.00	2.00	43.59	0.00	0.00
2076	2.5	2.5	2.5	8.18	91.00	2.00	44.89	0.00	0.00
2077	2.5	2.5	2.5	8.18	91.00	2.00	46.24	0.00	0.00
2078	2.5	2.5	2.5	8.18	91.00	2.00	47.63	0.00	0.00
2079	2.5	2.5	2.5	8.18	91.00	2.00	49.06	0.00	0.00
2080	2.5	2.5	2.5	8.18	91.00	2.00	50.53	0.00	0.00
2081	2.5	2.5	2.5	8.18	91.00	2.00	52.04	0.00	0.00
2082	2.5	2.5	2.5	8.179	91.00	2.00	53.61	0.00	0.00

Legend:

Column (1) used for: Utility Cost
 Customer Equipment
 Supply Costs

Column (3) used for: Customer O&M Cost
 Generator Fixed O&M
 T&D Fixed O&M
 Generator Variable O&M

Column (6) used for: Gen, Tran, & Dist Cost

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
YEAR	MID-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	ITC NORMALIZATION \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2035	50,828	721	0	3,211	599	853	18	1,014	545	0	6,961	6,961	6,961	50,681
2036	49,395	700	0	3,121	1,189	836	18	1,014	(76)	0	6,802	6,292	13,253	49,667
2037	47,792	678	0	3,019	1,712	819	18	1,014	(633)	0	6,626	5,671	18,924	48,653
2038	46,250	656	0	2,922	2,179	802	17	1,014	(1,133)	0	6,456	5,112	24,035	47,640
2039	44,764	635	0	2,828	2,592	785	17	1,014	(1,578)	0	6,292	4,608	28,644	46,626
2040	43,329	614	0	2,737	2,958	768	16	1,014	(1,974)	0	6,133	4,155	32,799	45,613
2041	41,943	595	0	2,650	3,278	751	16	1,014	(2,325)	0	5,978	3,747	36,547	44,599
2042	40,600	576	0	2,565	3,557	734	16	1,014	(2,652)	0	5,828	3,380	39,926	43,585
2043	39,282	557	0	2,482	3,829	716	15	1,014	(2,933)	0	5,681	3,047	42,974	42,572
2044	37,968	538	0	2,399	4,102	699	15	1,014	(3,233)	0	5,533	2,746	45,720	41,558
2045	36,654	520	0	2,316	4,374	682	15	1,014	(3,534)	0	5,386	2,473	48,193	40,545
2046	35,340	501	0	2,233	4,647	665	14	1,014	(3,835)	0	5,239	2,225	50,418	39,531
2047	34,025	482	0	2,150	4,919	648	14	1,014	(4,135)	0	5,092	2,001	52,418	38,517
2048	32,711	464	0	2,067	5,191	631	14	1,014	(4,436)	0	4,944	1,797	54,216	37,504
2049	31,397	445	0	1,984	5,464	614	13	1,014	(4,737)	0	4,797	1,613	55,829	36,490
2050	30,083	427	0	1,901	5,736	597	13	1,014	(5,037)	0	4,650	1,446	57,275	35,476
2051	28,769	408	0	1,817	6,009	580	12	1,014	(5,338)	0	4,502	1,296	58,571	34,463
2052	27,454	389	0	1,734	6,281	563	12	1,014	(5,638)	0	4,355	1,159	59,730	33,449
2053	26,140	371	0	1,651	6,554	546	12	1,014	(5,939)	0	4,208	1,036	60,767	32,436
2054	24,826	352	0	1,568	6,826	529	11	1,014	(6,240)	0	4,061	925	61,692	31,422
2055	23,641	335	0	1,494	7,099	512	11	1,014	(6,541)	0	3,926	828	62,520	30,408
2056	22,715	322	0	1,435	7,372	495	11	1,014	(6,842)	0	3,817	744	63,264	29,395
2057	21,918	311	0	1,385	7,645	478	10	1,014	(7,143)	0	3,721	671	63,935	28,381
2058	21,121	299	0	1,334	7,918	461	10	1,014	(7,444)	0	3,625	605	64,540	27,368
2059	20,324	288	0	1,284	8,191	444	9	1,014	(7,745)	0	3,529	545	65,085	26,354
2060	19,527	277	0	1,234	8,464	426	9	1,014	(8,046)	0	3,432	490	65,575	25,340
2061	18,730	266	0	1,183	8,737	409	9	1,014	(8,347)	0	3,336	441	66,016	24,327
2062	17,933	254	0	1,133	9,010	392	8	1,014	(8,648)	0	3,240	396	66,412	23,313
2063	17,136	243	0	1,083	9,283	375	8	1,014	(8,949)	0	3,144	356	66,767	22,299
2064	16,339	232	0	1,032	9,556	358	8	1,014	(9,250)	0	3,048	319	67,086	21,286
2065	15,542	220	0	982	9,829	341	7	1,014	(9,551)	0	2,952	286	67,372	20,272
2066	14,745	209	0	932	10,102	324	7	1,014	(9,852)	0	2,855	256	67,628	19,259
2067	13,948	198	0	881	10,375	307	7	1,014	(10,153)	0	2,759	229	67,856	18,245
2068	13,151	186	0	831	10,648	290	6	1,014	(10,454)	0	2,663	204	68,060	17,231
2069	12,354	175	0	780	10,921	273	6	1,014	(10,755)	0	2,567	182	68,242	16,218
2070	11,557	164	0	730	11,194	256	5	1,014	(11,056)	0	2,471	162	68,404	15,204
2071	10,760	153	0	680	11,467	239	5	1,014	(11,357)	0	2,375	144	68,548	14,191
2072	9,963	141	0	629	11,740	222	5	1,014	(11,658)	0	2,278	128	68,676	13,177
2073	9,166	130	0	579	12,013	205	4	1,014	(11,959)	0	2,182	113	68,789	12,163
2074	8,369	119	0	529	12,286	188	4	1,014	(12,260)	0	2,086	100	68,889	11,150
2075	7,572	107	0	478	12,559	171	4	1,014	(12,561)	0	1,990	88	68,978	10,136
2076	6,775	96	0	428	12,832	154	4	1,014	(12,862)	0	1,911	79	69,056	10,136
2077	5,978	85	0	378	13,105	137	4	1,014	(13,163)	0	1,832	70	69,126	10,136
2078	5,181	73	0	327	13,378	120	4	1,014	(13,464)	0	1,754	62	69,188	10,136
2079	4,384	62	0	277	13,651	103	4	1,014	(13,765)	0	1,675	55	69,242	10,136
2080	3,587	51	0	227	13,924	86	4	1,014	(14,066)	0	1,596	48	69,290	10,136
2081	2,790	40	0	176	14,197	69	4	1,014	(14,367)	0	1,517	42	69,333	10,136
2082	1,993	28	0	126	14,470	52	4	1,014	(14,668)	0	1,439	37	69,370	10,136
2083	1,196	17	0	76	14,743	35	4	1,014	(14,969)	0	1,360	32	69,402	10,136
2084	399	6	0	25	15,016	18	4	1,014	(15,270)	0	1,281	28	69,430	10,136

IN SERVICE COST (\$000)	50,681
IN SERVICE YEAR	2035
BOOK LIFE (YRS)	50
EFFEC. TAX RATE	25.345%
DISCOUNT RATE	8.10%
PROPERTY TAX	1.68%
PROPERTY INSURANCE	0.036%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	40.4%	3.5%
P/S	0.0%	0.0%
C/S	59.6%	10.60%

K-FACTOR = CPWFC / IN-SVC COST = 1.36996

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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 DEPRECIATION 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 DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2035	3.75%	1,715	1,715	1,014	1,014	1,014	1,014	545	7,948	0	0	0	545	1,307
2036	7.22%	3,302	5,017	1,014	2,027	1,014	2,027	(76)	7,948	0	0	0	(76)	1,232
2037	6.68%	3,054	8,072	1,014	3,041	1,014	3,041	(633)	7,948	0	0	0	(633)	599
2038	6.18%	2,825	10,897	1,014	4,054	1,014	4,054	(1,133)	7,948	0	0	0	(1,133)	(534)
2039	5.71%	2,613	13,510	1,014	5,068	1,014	5,068	(1,578)	7,948	0	0	0	(1,578)	(2,112)
2040	5.29%	2,417	15,928	1,014	6,082	1,014	6,082	(1,974)	7,948	0	0	0	(1,974)	(4,087)
2041	4.89%	2,236	18,164	1,014	7,095	1,014	7,095	(2,325)	7,948	0	0	0	(2,325)	(6,411)
2042	4.52%	2,068	20,232	1,014	8,109	1,014	8,109	(2,632)	7,948	0	0	0	(2,632)	(9,044)
2043	4.46%	2,041	22,273	1,014	9,123	1,014	9,123	(2,933)	7,948	0	0	0	(2,933)	(11,976)
2044	4.46%	2,041	24,314	1,014	10,136	1,014	10,136	(3,233)	7,948	0	0	0	(3,233)	(15,210)
2045	4.46%	2,041	26,355	1,014	11,150	1,014	11,150	(3,534)	7,948	0	0	0	(3,534)	(18,744)
2046	4.46%	2,041	28,395	1,014	12,163	1,014	12,163	(3,835)	7,948	0	0	0	(3,835)	(22,578)
2047	4.46%	2,041	30,436	1,014	13,177	1,014	13,177	(4,135)	7,948	0	0	0	(4,135)	(26,714)
2048	4.46%	2,041	32,477	1,014	14,191	1,014	14,191	(4,436)	7,948	0	0	0	(4,436)	(31,150)
2049	4.46%	2,041	34,518	1,014	15,204	1,014	15,204	(4,737)	7,948	0	0	0	(4,737)	(35,886)
2050	4.46%	2,041	36,558	1,014	16,218	1,014	16,218	(5,037)	7,948	0	0	0	(5,037)	(40,923)
2051	4.46%	2,041	38,599	1,014	17,231	1,014	17,231	(5,338)	7,948	0	0	0	(5,338)	(46,261)
2052	4.46%	2,041	40,640	1,014	18,245	1,014	18,245	(5,638)	7,948	0	0	0	(5,638)	(51,900)
2053	4.46%	2,041	42,681	1,014	19,259	1,014	19,259	(5,939)	7,948	0	0	0	(5,939)	(57,839)
2054	4.46%	2,041	44,721	1,014	20,272	1,014	20,272	(6,240)	7,948	0	0	0	(6,240)	(64,078)
2055	2.23%	1,020	45,742	1,014	21,286	1,014	21,286	(6,282)	7,948	0	0	0	(6,282)	(70,360)
2056	0.00%	0	45,742	1,014	22,299	1,014	22,299	(6,065)	7,948	0	0	0	(6,065)	(76,425)
2057	0.00%	0	45,742	1,014	23,313	1,014	23,313	(5,848)	7,948	0	0	0	(5,848)	(82,273)
2058	0.00%	0	45,742	1,014	24,327	1,014	24,327	(5,632)	7,948	0	0	0	(5,632)	(87,905)
2059	0.00%	0	45,742	1,014	25,340	1,014	25,340	(5,415)	7,948	0	0	0	(5,415)	(93,321)
2060	0.00%	0	45,742	1,014	26,354	1,014	26,354	(5,199)	7,948	0	0	0	(5,199)	(98,519)
2061	0.00%	0	45,742	1,014	27,368	1,014	27,368	(4,982)	7,948	0	0	0	(4,982)	(103,501)
2062	0.00%	0	45,742	1,014	28,381	1,014	28,381	(4,765)	7,948	0	0	0	(4,765)	(108,267)
2063	0.00%	0	45,742	1,014	29,395	1,014	29,395	(4,549)	7,948	0	0	0	(4,549)	(112,815)
2064	0.00%	0	45,742	1,014	30,408	1,014	30,408	(4,332)	7,948	0	0	0	(4,332)	(117,148)
2065	0.00%	0	45,742	1,014	31,422	1,014	31,422	(4,116)	7,948	0	0	0	(4,116)	(121,263)
2066	0.00%	0	45,742	1,014	32,436	1,014	32,436	(3,899)	7,948	0	0	0	(3,899)	(125,162)
2067	0.00%	0	45,742	1,014	33,449	1,014	33,449	(3,682)	7,948	0	0	0	(3,682)	(128,844)
2068	0.00%	0	45,742	1,014	34,463	1,014	34,463	(3,466)	7,948	0	0	0	(3,466)	(132,310)
2069	0.00%	0	45,742	1,014	35,476	1,014	35,476	(3,249)	7,948	0	0	0	(3,249)	(135,559)
2070	0.00%	0	45,742	1,014	36,490	1,014	36,490	(3,033)	7,948	0	0	0	(3,033)	(138,592)
2071	0.00%	0	45,742	1,014	37,504	1,014	37,504	(2,816)	7,948	0	0	0	(2,816)	(141,408)
2072	0.00%	0	45,742	1,014	38,517	1,014	38,517	(2,599)	7,948	0	0	0	(2,599)	(144,007)
2073	0.00%	0	45,742	1,014	39,531	1,014	39,531	(2,383)	7,948	0	0	0	(2,383)	(146,390)
2074	0.00%	0	45,742	1,014	40,545	1,014	40,545	(2,166)	7,948	0	0	0	(2,166)	(148,556)
2075	0.00%	0	45,742	1,014	41,558	1,014	41,558	(1,949)	7,948	0	0	0	(1,949)	(150,505)
2076	0.00%	0	45,742	1,014	42,572	1,014	42,572	(1,733)	7,948	0	0	0	(1,733)	(152,238)
2077	0.00%	0	45,742	1,014	43,585	1,014	43,585	(1,516)	7,948	0	0	0	(1,516)	(153,755)
2078	0.00%	0	45,742	1,014	44,599	1,014	44,599	(1,300)	7,948	0	0	0	(1,300)	(155,054)
2079	0.00%	0	45,742	1,014	45,613	1,014	45,613	(1,083)	7,948	0	0	0	(1,083)	(156,137)
2080	0.00%	0	45,742	1,014	46,626	1,014	46,626	(866)	7,948	0	0	0	(866)	(157,004)
2081	0.00%	0	45,742	1,014	47,640	1,014	47,640	(650)	7,948	0	0	0	(650)	(157,653)
2082	0.00%	0	45,742	1,014	48,653	1,014	48,653	(433)	7,948	0	0	0	(433)	(158,087)
2083	0.00%	0	45,742	1,014	49,667	1,014	49,667	(217)	7,948	0	0	0	(217)	(158,303)
2084	0.00%	0	45,742	1,014	50,681	1,014	50,681	0	7,948	0	0	0	0	(158,303)

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2084
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	763
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7,948
BOOK DEPRECIATION RATE - 1/USEFUL LIFE	2.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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)
2035	3.75%	1,715	545	49,667	1,014	1,307	51,443	50,212	50,828
2036	7.22%	3,302	(76)	48,653	2,027	1,232	50,212	48,578	49,395
2037	6.68%	3,054	(633)	47,640	3,041	599	48,578	47,007	47,792
2038	6.18%	2,825	(1,133)	46,626	4,054	(534)	47,007	45,494	46,250
2039	5.71%	2,613	(1,578)	45,613	5,068	(2,112)	45,494	44,034	44,764
2040	5.29%	2,417	(1,974)	44,599	6,082	(4,087)	44,034	42,625	43,329
2041	4.89%	2,236	(2,325)	43,585	7,095	(6,411)	42,625	41,261	41,943
2042	4.52%	2,068	(2,632)	42,572	8,109	(9,044)	41,261	39,940	40,600
2043	4.46%	2,041	(2,933)	41,558	9,123	(11,976)	39,940	38,625	39,282
2044	4.46%	2,041	(3,233)	40,545	10,136	(15,210)	38,625	37,311	37,968
2045	4.46%	2,041	(3,534)	39,531	11,150	(18,744)	37,311	35,997	36,654
2046	4.46%	2,041	(3,835)	38,517	12,163	(22,578)	35,997	34,683	35,340
2047	4.46%	2,041	(4,135)	37,504	13,177	(26,714)	34,683	33,368	34,025
2048	4.46%	2,041	(4,436)	36,490	14,191	(31,150)	33,368	32,054	32,711
2049	4.46%	2,041	(4,737)	35,476	15,204	(35,886)	32,054	30,740	31,397
2050	4.46%	2,041	(5,037)	34,463	16,218	(40,923)	30,740	29,426	30,083
2051	4.46%	2,041	(5,338)	33,449	17,231	(46,261)	29,426	28,111	28,769
2052	4.46%	2,041	(5,638)	32,436	18,245	(51,900)	28,111	26,797	27,454
2053	4.46%	2,041	(5,939)	31,422	19,259	(57,839)	26,797	25,483	26,140
2054	4.46%	2,041	(6,240)	30,408	20,272	(64,078)	25,483	24,169	24,826
2055	2.23%	1,020	(6,282)	29,395	21,286	(70,360)	24,169	23,113	23,641
2056	0.00%	0	(6,065)	28,381	22,299	(76,425)	23,113	22,316	22,715
2057	0.00%	0	(5,848)	27,368	23,313	(82,273)	22,316	21,519	21,918
2058	0.00%	0	(5,632)	26,354	24,327	(87,905)	21,519	20,722	21,121
2059	0.00%	0	(5,415)	25,340	25,340	(93,321)	20,722	19,925	20,324
2060	0.00%	0	(5,199)	24,327	26,354	(98,519)	19,925	19,128	19,527
2061	0.00%	0	(4,982)	23,313	27,368	(103,501)	19,128	18,331	18,730
2062	0.00%	0	(4,765)	22,299	28,381	(108,267)	18,331	17,534	17,933
2063	0.00%	0	(4,549)	21,286	29,395	(112,815)	17,534	16,737	17,136
2064	0.00%	0	(4,332)	20,272	30,408	(117,148)	16,737	15,940	16,339
2065	0.00%	0	(4,116)	19,259	31,422	(121,263)	15,940	15,143	15,542
2066	0.00%	0	(3,899)	18,245	32,436	(125,162)	15,143	14,346	14,745
2067	0.00%	0	(3,682)	17,231	33,449	(128,844)	14,346	13,549	13,948
2068	0.00%	0	(3,466)	16,218	34,463	(132,310)	13,549	12,752	13,151
2069	0.00%	0	(3,249)	15,204	35,476	(135,559)	12,752	11,955	12,354
2070	0.00%	0	(3,033)	14,191	36,490	(138,592)	11,955	11,158	11,557
2071	0.00%	0	(2,816)	13,177	37,504	(141,408)	11,158	10,361	10,760
2072	0.00%	0	(2,599)	12,163	38,517	(144,007)	10,361	9,564	9,963
2073	0.00%	0	(2,383)	11,150	39,531	(146,390)	9,564	8,767	9,166
2074	0.00%	0	(2,166)	10,136	40,545	(148,556)	8,767	7,970	8,369
2075	0.00%	0	(1,949)	9,123	41,558	(150,505)	7,970	7,173	7,572
2076	0.00%	0	(1,733)	8,109	42,572	(152,238)	7,173	6,376	6,775
2077	0.00%	0	(1,516)	7,095	43,585	(153,755)	6,376	5,579	5,978
2078	0.00%	0	(1,300)	6,082	44,599	(155,054)	5,579	4,782	5,181
2079	0.00%	0	(1,083)	5,068	45,613	(156,137)	4,782	3,985	4,384
2080	0.00%	0	(866)	4,054	46,626	(157,004)	3,985	3,188	3,587
2081	0.00%	0	(650)	3,041	47,640	(157,653)	3,188	2,391	2,790
2082	0.00%	0	(433)	2,027	48,653	(158,087)	2,391	1,594	1,993
2083	0.00%	0	(217)	1,014	49,667	(158,303)	1,594	797	1,196
2084	0.00%	0	0	0	50,681	(158,303)	797	0	399

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2023	-12	0.0%	1.000	0.00	0.00	0.00
2024	-11	2.5%	1.025	0.00	0.00	0.00
2025	-10	2.5%	1.051	0.00	0.00	0.00
2026	-9	2.5%	1.077	0.00	0.00	0.00
2027	-8	2.5%	1.104	0.00	0.00	0.00
2028	-7	2.5%	1.131	0.00	0.00	0.00
2029	-6	2.5%	1.160	0.00	0.00	0.00
2030	-5	2.5%	1.189	43.90	410.37	205.19
2031	-4	2.5%	1.218	38.38	367.69	594.21
2032	-3	2.5%	1.249	17.72	174.01	865.07
2033	-2	2.0%	1.274	0.00	0.00	952.07
2034	-1	2.0%	1.299	0.00	0.00	952.07

100.00 952.07

(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)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	205.19	2.87	2.87	12.76	7.20	7.20	1.10	1.10	423.13	423.13
2031	606.98	8.48	11.35	37.69	20.86	28.06	3.14	4.23	405.38	828.51
2032	915.51	12.76	24.11	56.68	107.13	30.36	58.42	4.46	230.69	1,059.20
2033	1,059.20	14.71	38.82	65.34	172.47	33.42	91.84	4.74	65.34	1,124.54
2034	1,124.54	15.56	54.38	69.11	241.58	33.42	125.26	4.53	17.97	1,193.65

54.38

241.58

125.26

17.97

1,193.65

IN SERVICE YEAR	2035
PLANT COSTS	786
AFUDC RATE	6.22%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	40,423	40,423	40,423
EQUITY AFUDC	7,948		
DEBT AFUDC	2,309	2,309	
CPI			5,318
IIC Basis Reduction (Solar)			
TOTAL	50,681	42,732	45,742

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED : REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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
2023	0	0	2.11	2.82	2.11	0.00	1.00	1.00
2024	0	0	2.66	4.00	2.66	0.00	1.00	1.00
2025	3,070	3,070	2.97	3.00	3.60	0.00	1.00	1.00
2026	6,202	6,202	3.41	3.44	4.02	0.00	1.00	1.00
2027	9,396	9,396	3.37	3.40	4.09	0.00	1.00	1.00
2028	12,654	12,654	3.51	3.52	4.07	0.00	1.00	1.00
2029	15,978	15,978	3.59	3.59	4.11	0.00	1.00	1.00
2030	19,368	19,368	3.29	3.27	3.97	0.00	1.00	1.00
2031	22,825	22,825	3.07	3.01	3.87	0.00	1.00	1.00
2032	26,352	26,352	2.95	2.88	3.97	0.00	1.00	1.00
2033	29,949	29,949	3.33	3.29	4.12	6.88	1.00	1.00
2034	33,619	33,619	3.53	3.49	4.25	6.98	1.00	1.00
2035	33,619	33,619	3.86	3.83	4.60	7.13	1.00	1.00
2036	33,619	33,619	4.00	3.97	4.75	6.98	1.00	1.00
2037	33,619	33,619	4.20	4.17	4.92	7.15	1.00	1.00
2038	33,619	33,619	4.53	4.51	5.38	7.22	1.00	1.00
2039	33,619	33,619	4.72	4.70	5.33	7.16	1.00	1.00
2040	33,619	33,619	5.06	5.03	5.87	7.38	1.00	1.00
2041	33,619	33,619	5.39	5.36	5.89	7.51	1.00	1.00
2042	33,619	33,619	5.49	5.47	6.20	7.59	1.00	1.00
2043	33,619	33,619	5.72	5.69	6.41	7.82	1.00	1.00
2044	33,619	33,619	6.11	6.09	6.79	8.08	1.00	1.00
2045	33,619	33,619	6.50	6.50	7.13	8.49	1.00	1.00
2046	33,619	33,619	6.71	6.70	7.50	8.36	1.00	1.00
2047	33,619	33,619	7.07	7.07	7.66	8.85	1.00	1.00
2048	33,619	33,619	7.41	7.39	8.33	9.24	1.00	1.00
2049	33,619	33,619	7.89	7.86	8.68	9.55	1.00	1.00
2050	33,619	33,619	8.54	8.53	9.37	10.09	1.00	1.00
2051	33,619	33,619	8.49	8.47	9.17	10.16	1.00	1.00
2052	33,619	33,619	8.54	8.54	9.19	10.08	1.00	1.00
2053	33,619	33,619	8.58	8.58	9.41	10.06	1.00	1.00
2054	33,619	33,619	8.61	8.60	9.34	9.85	1.00	1.00
2055	33,619	33,619	8.57	8.56	9.26	9.91	1.00	1.00
2056	33,619	33,619	8.54	8.55	9.23	9.73	1.00	1.00
2057	33,619	33,619	8.59	8.59	9.28	9.80	1.00	1.00
2058	33,619	33,619	8.51	8.51	9.09	9.59	1.00	1.00
2059	33,619	33,619	8.55	8.55	9.11	9.63	1.00	1.00
2060	33,619	33,619	8.59	8.59	9.14	9.54	1.00	1.00
2061	33,619	33,619	8.43	8.43	8.92	9.45	1.00	1.00
2062	33,619	33,619	8.42	8.42	8.93	9.27	1.00	1.00
2063	33,619	33,619	8.49	8.51	9.09	9.73	1.00	1.00
2064	33,619	33,619	8.47	8.49	9.09	9.62	1.00	1.00
2065	33,619	33,619	8.37	8.39	8.97	9.50	1.00	1.00
2066	33,619	33,619	8.32	8.34	8.97	9.49	1.00	1.00
2067	33,619	33,619	8.33	8.35	9.04	9.47	1.00	1.00
2068	33,619	33,619	8.39	8.43	8.21	9.42	1.00	1.00
2069	33,619	33,619	8.39	8.43	8.21	9.50	1.00	1.00
2070	33,619	33,619	8.39	8.43	8.21	9.30	1.00	1.00
2071	33,619	33,619	8.39	8.43	8.21	9.26	1.00	1.00
2072	33,619	33,619	8.39	8.43	8.21	9.22	1.00	1.00
2073	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2074	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2075	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2076	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2077	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2078	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2079	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2080	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2081	33,619	33,619	8.39	8.43	8.21	9.18	1.00	1.00
2082	33,619	33,619	8.39	8.43	8.21	9.18	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: 2025 DSM Plan - Business Lighting

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)
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	6,961	678	26	15712	17236	6140
2036	6,802	695	29	16582	18180	5927
2037	6,626	712	30	17223	18874	5717
2038	6,456	730	32	18124	19885	5456
2039	6,292	748	34	18867	20499	5442
2040	6,133	767	35	19632	21420	5146
2041	5,978	786	38	20998	22893	4907
2042	5,828	806	38	20932	22868	4736
2043	5,681	826	39	21622	23567	4601
2044	5,533	846	41	22752	24958	4215
2045	5,386	867	43	24369	26529	4137
2046	5,239	889	45	24425	26744	3854
2047	5,092	911	46	25864	28293	3621
2048	4,944	934	47	26790	29211	3504
2049	4,797	958	49	28168	30911	3061
2050	4,650	981	51	29847	33029	2500
2051	4,502	1,006	52	30249	33240	2570
2052	4,355	1,031	53	29550	32609	2380
2053	4,208	1,057	55	30011	33312	2018
2054	4,061	1,083	57	29772	32963	2011
2055	3,926	1,110	59	29755	33177	1673
2056	3,817	1,138	60	29190	32559	1646
2057	3,721	1,167	62	29781	33170	1561
2058	3,625	1,196	65	29417	32817	1485
2059	3,529	1,226	65	29216	32595	1441
2060	3,432	1,256	67	28861	32286	1330
2061	3,336	1,288	68	28302	31623	1371
2062	3,240	1,320	71	28350	31361	1619
2063	3,144	1,353	72	29771	32946	1395
2064	3,048	1,387	75	29376	32918	968
2065	2,952	1,421	76	29010	32145	1314
2066	2,855	1,457	78	28861	32107	1144
2067	2,759	1,493	80	29013	32037	1309
2068	2,663	1,531	82	28779	31887	1168
2069	2,567	1,569	84	29081	32156	1144
2070	2,471	1,608	86	28180	31473	872
2071	2,375	1,648	88	28014	31339	786
2072	2,278	1,690	90	27849	31205	702
2073	2,182	1,732	93	27683	31071	619
2074	2,086	1,775	95	27683	31071	568
2075	1,990	1,820	97	27683	31071	519
2076	1,911	1,865	100	27683	31071	488
2077	1,832	1,912	102	27683	31071	458
2078	1,754	1,960	105	27683	31071	430
2079	1,675	2,009	107	27683	31071	403
2080	1,596	2,059	110	27683	31071	377
2081	1,517	2,110	113	27683	31071	352
2082	1,439	2,163	116	27683	31071	329
NOM	183,246	61,574	3,202	1,269,122	1,407,728	109,414
NPV	27,256.61	4,742.72	231	117,283	129,025	20,488

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME : 2025 DSM Plan - Business Lighting

(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)
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	375	0
2026	291	22	313	87	22	109	1,302	0
2027	589	37	626	177	38	214	2,164	0
2028	893	54	947	269	54	323	3,163	0
2029	1,203	72	1,275	363	72	435	4,191	0
2030	1,521	91	1,612	460	92	551	4,696	0
2031	1,847	111	1,958	560	112	672	5,153	0
2032	2,182	133	2,315	663	134	796	5,735	0
2033	2,526	156	2,682	769	157	926	7,510	0
2034	2,880	181	3,061	878	182	1,060	9,016	0
2035	3,245	196	3,441	992	197	1,189	10,465	0
2036	3,143	201	3,344	966	202	1,168	10,840	0
2037	3,042	206	3,248	940	207	1,147	11,413	0
2038	2,944	211	3,155	915	212	1,127	12,321	0
2039	2,847	216	3,063	891	218	1,108	12,850	0
2040	2,752	222	2,973	866	223	1,089	13,747	0
2041	2,657	227	2,885	842	229	1,071	14,647	0
2042	2,566	233	2,799	819	234	1,053	14,966	0
2043	2,477	239	2,716	795	240	1,035	15,568	0
2044	2,392	245	2,637	771	246	1,017	16,667	0
2045	2,311	251	2,562	747	252	1,000	17,776	0
2046	2,233	257	2,490	724	259	983	18,343	0
2047	2,160	263	2,423	701	265	966	19,341	0
2048	2,091	270	2,361	679	272	950	20,222	0
2049	2,026	277	2,303	657	279	936	21,491	0
2050	1,965	284	2,249	637	285	922	23,343	0
2051	1,909	291	2,200	617	293	910	23,169	0
2052	1,853	298	2,152	598	300	898	23,364	0
2053	1,798	306	2,104	580	307	888	23,477	0
2054	1,743	313	2,056	563	315	879	23,536	0
2055	1,687	321	2,008	548	323	871	23,418	0
2056	1,632	329	1,961	533	331	864	23,412	0
2057	1,576	337	1,914	518	339	858	23,524	0
2058	1,521	346	1,867	504	348	851	23,303	0
2059	1,465	354	1,820	489	357	845	23,416	0
2060	1,410	363	1,773	474	365	840	23,504	0
2061	1,355	372	1,727	460	375	834	23,080	0
2062	1,300	382	1,681	445	384	829	23,050	0
2063	1,246	391	1,637	430	394	824	23,300	0
2064	1,193	401	1,594	416	403	819	23,235	0
2065	1,141	411	1,552	401	413	815	22,972	0
2066	1,090	421	1,511	387	424	810	22,840	0
2067	1,040	432	1,472	372	434	806	22,878	0
2068	992	443	1,434	358	445	803	23,097	0
2069	944	454	1,398	344	456	800	23,097	0
2070	851	465	1,316	330	468	798	23,097	0
2071	754	477	1,230	316	480	796	23,097	0
2072	658	488	1,146	303	492	794	23,097	0
2073	562	501	1,063	290	504	794	23,097	0
2074	468	513	981	277	516	793	23,097	0
2075	374	526	900	265	529	794	23,097	0
2076	282	539	821	237	543	780	23,097	0
2077	190	553	743	210	556	766	23,097	0
2078	100	566	667	183	570	753	23,097	0
2079	12	581	592	156	584	741	23,097	0
2080	(0)	595	595	130	599	729	23,097	0
2081	(0)	610	610	103	614	717	23,097	0
2082	0	625	625	77	629	706	23,097	0
NOM	85,929	18,656.98	104,586	29,080	18,774	47,853	1,039,240	0
NPV	19,308	1,824	21,132	6,043	1,836	7,878	110,007	0

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

AVOIDED GENERATING EMISSION IMPACT
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	1	0	1
2031	0	0	1	0	1
2032	0	0	1	0	1
2033	0	0	1	0	1
2034	0	0	1	0	1
2035	1	1	1	0	1
2036	1	1	1	0	1
2037	1	1	1	0	1
2038	1	1	1	0	1
2039	1	1	1	0	1
2040	1	1	1	0	1
2041	1	1	1	0	1
2042	1	1	1	0	1
2043	1	1	1	0	1
2044	1	1	1	0	1
2045	1	1	1	0	1
2046	1	1	1	0	1
2047	1	1	1	0	1
2048	1	1	1	0	1
2049	1	1	1	0	1
2050	1	1	1	0	1
2051	1	1	1	0	1
2052	1	1	1	0	1
2053	1	1	1	0	1
2054	1	1	1	0	1
2055	1	1	1	0	1
2056	1	1	1	0	1
2057	1	1	1	0	1
2058	1	1	1	0	1
2059	1	1	1	0	1
2060	1	1	1	0	1
2061	1	1	1	0	1
2062	1	1	1	0	1
2063	1	1	1	0	1
2064	1	1	1	0	1
2065	1	1	1	0	1
2066	1	1	1	0	1
2067	1	1	1	0	1
2068	1	1	1	0	1
2069	1	1	1	0	1
2070	1	1	1	0	1
2071	1	1	1	0	1
2072	1	1	1	0	1
2073	1	1	1	0	1
2074	1	1	1	0	1
2075	1	1	1	0	1
2076	1	1	1	0	1
2077	1	1	1	0	1
2078	1	1	1	0	1
2079	1	1	1	0	1
2080	1	1	1	0	1
2081	1	1	1	0	1
2082	1	1	1	0	1
NOM	58	66	61	0	54
NPV	6	7	9	0	8

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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 I&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	92	8,726	0	8,818	0	375	0	375	0	(8,443)	(7,226)
2026	0	96	9,123	0	9,220	0	422	1,302	1,724	0	(7,496)	(13,160)
2027	0	101	9,539	0	9,639	0	841	2,164	3,005	0	(6,634)	(18,020)
2028	0	105	9,973	0	10,078	0	1,270	3,163	4,433	0	(5,644)	(21,844)
2029	0	110	10,426	0	10,536	0	1,710	4,191	5,902	0	(4,634)	(24,749)
2030	0	115	10,901	0	11,016	0	2,163	4,696	6,859	1	(4,156)	(27,159)
2031	0	120	11,397	0	11,517	0	2,630	5,153	7,784	1	(3,733)	(29,162)
2032	0	126	11,915	0	12,041	0	3,111	5,735	8,847	1	(3,194)	(30,747)
2033	0	131	12,457	0	12,589	0	3,608	7,510	11,119	1	(1,470)	(31,422)
2034	0	137	13,024	0	13,162	0	4,121	9,016	13,138	1	(23)	(31,432)
2035	0	0	0	0	0	6,140	4,629	10,465	21,236	1	21,236	(23,088)
2036	0	0	0	0	0	5,927	4,512	10,840	21,280	1	21,280	(15,353)
2037	0	0	0	0	0	5,717	4,395	11,413	21,526	1	21,526	(8,114)
2038	0	0	0	0	0	5,456	4,282	12,321	22,061	1	22,061	(1,252)
2039	0	0	0	0	0	5,442	4,172	12,850	22,464	1	22,464	5,213
2040	0	133	12,638	0	12,772	5,146	4,063	13,747	22,957	1	10,185	7,925
2041	0	139	13,213	0	13,353	4,907	3,956	14,647	23,511	1	10,158	10,427
2042	0	146	13,815	0	13,960	4,736	3,852	14,966	23,554	1	9,594	12,613
2043	0	152	14,443	0	14,596	4,601	3,751	15,568	23,922	1	9,326	14,579
2044	0	159	15,100	0	15,260	4,215	3,654	16,667	24,537	1	9,278	16,388
2045	0	167	15,787	0	15,954	4,137	3,562	17,776	25,476	1	9,522	18,105
2046	0	174	16,506	0	16,680	3,854	3,473	18,343	25,672	1	8,992	19,606
2047	0	182	17,257	0	17,439	3,621	3,389	19,341	26,352	1	8,914	20,982
2048	0	190	18,042	0	18,232	3,504	3,311	20,222	27,039	1	8,806	22,240
2049	0	199	18,863	0	19,062	3,061	3,238	21,491	27,790	1	8,729	23,393
2050	0	0	0	0	0	2,500	3,171	23,343	29,015	1	29,015	26,940
2051	0	0	0	0	0	2,570	3,109	23,169	28,849	1	28,849	30,202
2052	0	0	0	0	0	2,380	3,050	23,364	28,795	1	28,795	33,214
2053	0	0	0	0	0	2,018	2,991	23,477	28,488	1	28,488	35,971
2054	0	0	0	0	0	2,011	2,934	23,536	28,482	1	28,482	38,521
2055	0	193	18,304	0	18,497	1,673	2,879	23,418	27,971	1	9,474	39,305
2056	0	202	19,137	0	19,339	1,646	2,825	23,412	27,883	1	8,544	39,960
2057	0	211	20,008	0	20,219	1,561	2,771	23,524	27,857	1	7,638	40,501
2058	0	221	20,918	0	21,139	1,485	2,718	23,303	27,507	1	6,369	40,919
2059	0	231	21,870	0	22,101	1,441	2,665	23,416	27,523	1	5,422	41,248
2060	0	241	22,865	0	23,106	1,330	2,613	23,504	27,448	1	4,342	41,491
2061	0	252	23,905	0	24,157	1,371	2,561	23,080	27,013	1	2,856	41,640
2062	0	264	24,993	0	25,257	1,619	2,510	23,050	27,181	1	1,924	41,732
2063	0	276	26,130	0	26,406	1,395	2,461	23,300	27,157	1	751	41,765
2064	0	288	27,319	0	27,607	968	2,413	23,235	26,617	1	(990)	41,725
2065	0	0	0	0	0	1,314	2,367	22,972	26,654	1	26,654	42,738
2066	0	0	0	0	0	1,144	2,322	22,840	26,306	1	26,306	43,664
2067	0	0	0	0	0	1,309	2,278	22,878	26,466	1	26,466	44,525
2068	0	0	0	0	0	1,168	2,237	23,097	26,503	1	26,503	45,323
2069	0	0	0	0	0	1,144	2,198	23,097	26,440	1	26,440	46,059
2070	0	280	26,510	0	26,790	872	2,114	23,097	26,084	1	(706)	46,041
2071	0	293	27,716	0	28,008	786	2,026	23,097	25,911	1	(2,098)	45,991
2072	0	306	28,977	0	29,283	702	1,940	23,097	25,740	1	(3,543)	45,913
2073	0	320	30,296	0	30,615	619	1,856	23,097	25,573	1	(5,042)	45,810
2074	0	334	31,674	0	32,008	568	1,774	23,097	25,440	1	(6,568)	45,686
2075	0	349	33,115	0	33,465	519	1,694	23,097	25,311	1	(8,154)	45,544
2076	0	365	34,622	0	34,987	488	1,601	23,097	25,187	1	(9,801)	45,385
2077	0	382	36,197	0	36,579	458	1,509	23,097	25,066	1	(11,514)	45,213
2078	0	399	37,844	0	38,244	430	1,420	23,097	24,948	1	(13,296)	45,030
2079	0	418	39,566	0	39,984	403	1,333	23,097	24,834	1	(15,150)	44,836
2080	0	0	0	0	0	377	1,324	23,097	24,799	1	24,799	45,129
2081	0	0	0	0	0	352	1,327	23,097	24,778	1	24,778	45,400
2082	0	0	0	0	0	329	1,332	23,097	24,759	1	24,759	45,651
NOM	0	8,603	815,110	0	823,713	109,414.32	152,439	1,039,240	54	1,301,147	477,434	
NPV	0	1,189	112,673	0	113,862	20,488	29,010	110,007	8	159,513.13	45,651	

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

8.10 %
 1.40

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	1,586	0	1,063	0	2,649	8,726	0	0	8,726	(6,078)	(5,201)
2026	4,966	0	1,084	0	6,051	9,123	0	0	9,123	(3,073)	(7,634)
2027	8,642	0	1,106	0	9,748	9,539	0	0	9,539	210	(7,480)
2028	12,899	0	1,128	0	14,028	9,973	0	0	9,973	4,055	(4,733)
2029	16,841	0	1,151	0	17,991	10,426	0	0	10,426	7,565	9
2030	20,960	0	1,174	0	22,134	10,901	0	0	10,901	11,233	6,523
2031	25,408	0	1,197	0	26,605	11,397	0	0	11,397	15,208	14,682
2032	30,168	0	1,221	0	31,389	11,915	0	0	11,915	19,474	24,346
2033	35,450	0	1,246	0	36,695	12,457	0	0	12,457	24,238	35,474
2034	40,946	0	1,271	0	42,217	13,024	0	0	13,024	29,193	47,873
2035	44,352	0	0	0	44,352	0	0	0	0	44,352	65,300
2036	45,801	0	0	0	45,801	0	0	0	0	45,801	81,948
2037	47,405	0	0	0	47,405	0	0	0	0	47,405	97,889
2038	49,494	0	0	0	49,494	0	0	0	0	49,494	113,286
2039	51,343	0	0	0	51,343	0	0	0	0	51,343	128,062
2040	53,246	0	1,063	0	54,309	12,638	0	0	12,638	41,670	139,156
2041	55,146	0	1,084	0	56,231	13,213	0	0	13,213	43,017	149,751
2042	56,399	0	1,106	0	57,505	13,815	0	0	13,815	43,690	159,705
2043	57,639	0	1,128	0	58,767	14,443	0	0	14,443	44,324	169,048
2044	59,219	0	1,151	0	60,370	15,100	0	0	15,100	45,270	177,876
2045	60,997	0	1,174	0	62,171	15,787	0	0	15,787	46,384	186,243
2046	62,216	0	1,197	0	63,413	16,506	0	0	16,506	46,907	194,071
2047	63,785	0	1,221	0	65,006	17,257	0	0	17,257	47,749	201,443
2048	65,711	0	1,246	0	66,956	18,042	0	0	18,042	48,914	208,429
2049	67,701	0	1,271	0	68,971	18,863	0	0	18,863	50,109	215,049
2050	70,133	0	0	0	70,133	0	0	0	0	70,133	223,622
2051	70,996	0	0	0	70,996	0	0	0	0	70,996	231,650
2052	72,461	0	0	0	72,461	0	0	0	0	72,461	239,230
2053	75,094	0	0	0	75,094	0	0	0	0	75,094	246,497
2054	76,927	0	0	0	76,927	0	0	0	0	76,927	253,384
2055	78,821	0	1,063	0	79,884	18,304	0	0	18,304	61,580	258,484
2056	80,781	0	1,084	0	81,866	19,137	0	0	19,137	62,729	263,290
2057	82,810	0	1,106	0	83,916	20,008	0	0	20,008	63,908	267,820
2058	84,909	0	1,128	0	86,037	20,918	0	0	20,918	65,119	272,090
2059	87,083	0	1,151	0	88,234	21,870	0	0	21,870	66,364	276,116
2060	89,335	0	1,174	0	90,509	22,865	0	0	22,865	67,644	279,912
2061	91,669	0	1,197	0	92,866	23,905	0	0	23,905	68,961	283,492
2062	94,087	0	1,221	0	95,309	24,993	0	0	24,993	70,316	286,869
2063	96,595	0	1,246	0	97,841	26,130	0	0	26,130	71,711	290,055
2064	99,493	0	1,271	0	100,763	27,319	0	0	27,319	73,444	293,073
2065	102,478	0	0	0	102,478	0	0	0	0	102,478	296,970
2066	105,552	0	0	0	105,552	0	0	0	0	105,552	300,683
2067	108,718	0	0	0	108,718	0	0	0	0	108,718	304,221
2068	111,980	0	0	0	111,980	0	0	0	0	111,980	307,592
2069	115,339	0	0	0	115,339	0	0	0	0	115,339	310,804
2070	118,800	0	1,063	0	119,863	26,510	0	0	26,510	93,353	313,209
2071	122,364	0	1,084	0	123,448	27,716	0	0	27,716	95,732	315,491
2072	126,035	0	1,106	0	127,141	28,977	0	0	28,977	98,164	317,656
2073	129,816	0	1,128	0	130,944	30,296	0	0	30,296	100,648	319,709
2074	133,710	0	1,151	0	134,861	31,674	0	0	31,674	103,187	321,656
2075	137,721	0	1,174	0	138,895	33,115	0	0	33,115	105,780	323,502
2076	141,853	0	1,197	0	143,050	34,622	0	0	34,622	108,428	325,254
2077	146,109	0	1,221	0	147,330	36,197	0	0	36,197	111,133	326,914
2078	150,492	0	1,246	0	151,737	37,844	0	0	37,844	113,893	328,488
2079	155,007	0	1,271	0	156,277	39,566	0	0	39,566	116,711	329,980
2080	159,657	0	0	0	159,657	0	0	0	0	159,657	331,869
2081	164,446	0	0	0	164,446	0	0	0	0	164,446	333,668
2082	169,380	0	0	0	169,380	0	0	0	0	169,380	335,383
NOM	4,688,970	0	46,563	0	4,735,533	815,110	0	0	815,110	3,920,423	
NPV	437,840	0	10,216	0	448,056	112,673	0	0	112,673	335,383	

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

2035
8.10 %
3.98

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: 2025 DSM Plan - Business Lighting

(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)	SELLBACK/ OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED I&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	92	1,063	1,316	0	2,471	375	0	0	375	(2,096)	(1,794)	
2026	0	96	1,084	4,122	0	5,303	1,302	422	0	1,724	(3,579)	(4,627)	
2027	0	101	1,106	7,173	0	8,380	2,164	841	0	3,005	(5,375)	(8,564)	
2028	0	105	1,128	10,706	0	11,940	3,163	1,270	0	4,433	(7,507)	(13,650)	
2029	0	110	1,151	13,978	0	15,238	4,191	1,710	0	5,902	(9,337)	(19,503)	
2030	0	115	1,174	17,397	0	18,686	4,696	2,163	0	6,859	(11,826)	(26,361)	
2031	0	120	1,197	21,088	0	22,406	5,153	2,630	0	7,784	(14,622)	(34,205)	
2032	0	126	1,221	25,039	0	26,386	5,735	3,111	0	8,847	(17,539)	(42,909)	
2033	0	131	1,246	29,423	0	30,800	7,510	3,608	0	11,119	(19,681)	(51,945)	
2034	0	137	1,271	33,985	0	35,393	9,016	4,121	0	13,138	(22,255)	(61,398)	
2035	0	0	0	36,812	0	36,812	16,605	4,629	0	21,236	(15,577)	(67,518)	
2036	0	0	0	38,015	0	38,015	16,767	4,512	0	21,280	(16,735)	(73,601)	
2037	0	0	0	39,346	0	39,346	17,130	4,395	0	21,526	(17,820)	(79,593)	
2038	0	0	0	41,080	0	41,080	17,777	4,282	0	22,061	(19,202)	(85,510)	
2039	0	0	0	42,614	0	42,614	18,292	4,172	0	22,464	(20,150)	(91,309)	
2040	0	133	1,063	44,194	0	45,390	18,893	4,063	0	22,957	(22,433)	(97,281)	
2041	0	139	1,084	45,771	0	46,995	19,554	3,956	0	23,511	(23,485)	(103,065)	
2042	0	146	1,106	46,811	0	48,063	19,702	3,852	0	23,554	(24,508)	(108,650)	
2043	0	152	1,128	47,841	0	49,121	20,169	3,751	0	23,922	(25,200)	(113,961)	
2044	0	159	1,151	49,152	0	50,462	20,882	3,654	0	24,537	(25,925)	(119,017)	
2045	0	167	1,174	50,628	0	51,968	21,913	3,562	0	25,476	(26,492)	(123,796)	
2046	0	174	1,197	51,639	0	53,011	22,197	3,473	0	25,672	(27,339)	(128,358)	
2047	0	182	1,221	52,941	0	54,345	22,962	3,389	0	26,352	(27,992)	(132,680)	
2048	0	190	1,246	54,540	0	55,976	23,727	3,311	0	27,039	(28,937)	(136,813)	
2049	0	199	1,271	56,192	0	57,661	24,551	3,238	0	27,790	(29,871)	(140,759)	
2050	0	0	0	58,210	0	58,210	25,843	3,171	0	29,015	(29,195)	(144,328)	
2051	0	0	0	58,927	0	58,927	25,739	3,109	0	28,849	(30,078)	(147,729)	
2052	0	0	0	60,142	0	60,142	25,744	3,050	0	28,795	(31,347)	(151,008)	
2053	0	0	0	62,328	0	62,328	25,496	2,991	0	28,488	(33,840)	(154,283)	
2054	0	0	0	63,849	0	63,849	25,547	2,934	0	28,482	(35,367)	(157,449)	
2055	0	193	1,063	65,422	0	66,678	25,091	2,879	0	27,971	(38,707)	(160,655)	
2056	0	202	1,084	67,048	0	68,335	25,057	2,825	0	27,883	(40,452)	(163,754)	
2057	0	211	1,106	68,732	0	70,049	25,085	2,771	0	27,857	(42,193)	(166,745)	
2058	0	221	1,128	70,475	0	71,824	24,789	2,718	0	27,507	(44,316)	(169,651)	
2059	0	231	1,151	72,279	0	73,661	24,856	2,665	0	27,523	(46,138)	(172,449)	
2060	0	241	1,174	74,148	0	75,563	24,834	2,613	0	27,448	(48,116)	(175,150)	
2061	0	252	1,197	76,085	0	77,535	24,451	2,561	0	27,013	(50,521)	(177,772)	
2062	0	264	1,221	78,093	0	79,578	24,669	2,510	0	27,181	(52,397)	(180,289)	
2063	0	276	1,246	80,174	0	81,695	24,695	2,461	0	27,157	(54,538)	(182,712)	
2064	0	288	1,271	82,579	0	84,138	24,203	2,413	0	26,617	(57,521)	(185,076)	
2065	0	0	0	85,056	0	85,056	24,286	2,367	0	26,654	(58,403)	(187,297)	
2066	0	0	0	87,608	0	87,608	23,983	2,322	0	26,306	(61,302)	(189,453)	
2067	0	0	0	90,236	0	90,236	24,186	2,278	0	26,466	(63,770)	(191,528)	
2068	0	0	0	92,943	0	92,943	24,265	2,237	0	26,503	(66,440)	(193,529)	
2069	0	0	0	95,732	0	95,732	24,241	2,198	0	26,440	(69,292)	(195,458)	
2070	0	280	1,063	98,604	0	99,947	23,969	2,114	0	26,084	(73,863)	(197,361)	
2071	0	293	1,084	101,562	0	102,939	23,883	2,026	0	25,911	(77,028)	(199,197)	
2072	0	306	1,106	104,609	0	106,021	23,799	1,940	0	25,740	(80,280)	(200,967)	
2073	0	320	1,128	107,747	0	109,195	23,716	1,856	0	25,573	(83,622)	(202,673)	
2074	0	334	1,151	110,979	0	112,464	23,665	1,774	0	25,440	(87,024)	(204,315)	
2075	0	349	1,174	114,309	0	115,832	23,616	1,694	0	25,311	(90,521)	(205,896)	
2076	0	365	1,197	117,738	0	119,301	23,585	1,601	0	25,187	(94,114)	(207,416)	
2077	0	382	1,221	121,270	0	122,873	23,555	1,509	0	25,066	(97,808)	(208,877)	
2078	0	399	1,246	124,908	0	126,553	23,527	1,420	0	24,948	(101,605)	(210,281)	
2079	0	418	1,271	128,655	0	130,344	23,500	1,333	0	24,834	(105,510)	(211,630)	
2080	0	0	0	132,515	0	132,515	23,474	1,324	0	24,799	(107,716)	(212,904)	
2081	0	0	0	136,491	0	136,491	23,449	1,327	0	24,778	(111,713)	(214,127)	
2082	0	0	0	140,585	0	140,585	23,426	1,332	0	24,759	(115,826)	(215,299)	
NOM	0	8,603	46,563	3,891,845	0	3,947,010	1,148,654.38	152,439.07	0.00	53.74	1,301,147	(2,645,863)	
NPV	0	1,189	10,216	363,407	0	374,812	130,494	29,010	0	8	159,513	(215,299)	

Discount Rate : 8.10 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.43

ATTACHMENT 2

INDEX OF RATE SCHEDULES

<u>RATE SCHEDULE</u>	<u>DESCRIPTION</u>	<u>SHEET NO.</u>
BA	Billing Adjustments	8.030
GS-1	General Service - Non Demand (0-24 kW)	8.101
GST-1	General Service - Non Demand - Time of Use (0-24 kW)	8.103
GSD-1	General Service Demand (25-499 kW)	8.105
GSD-1EV	Electric Vehicle Charging Infrastructure Rider Pilot	8.106
GSDT-1	General Service Demand - Time of Use (25-499 kW)	8.107
BOC	General Service Load Management Program	8.109
NSMR	Non-Standard Meter Rider	8.120
GSCU-1	General Service Constant Usage	8.122
RS-1	Residential Service	8.201
FLAT-1	Residential/Commercial Fixed Rate	8.202
RTR-1	Residential Time of Use Rider	8.203
CU	Common Use Facilities Rider	8.211
RS-1EV	Residential Electric Vehicle Charging Services Rider Pilot	8.213
ROC	Residential Load Management Program	8.217
HVAC	HVAC Services Rider	8.220
GSLD-1	General Service Large Demand (500-1999 kW)	8.310
GSLD-1EV	Electric Vehicle Charging Infrastructure Rider Pilot	8.311
GSLDT-1	General Service Large Demand - Time of Use (500-1999 kW)	8.320
CS-1	Curtable Service (500-1999 kW) (Closed Schedule)	8.330
CST-1	Curtable Service -Time of Use (500-1999 kW) (Closed Schedule)	8.340
GSLD-2	General Service Large Demand (2000 kW +)	8.412
GSLDT-2	General Service Large Demand - Time of Use (2000 kW +)	8.420
HLFT	High Load Factor – Time of Use	8.425
CS-2	Curtable Service (2000 kW +) (Closed Schedule)	8.432
CST-2	Curtable Service -Time of Use (2000 kW +) (Closed Schedule)	8.440
CST-3	Curtable Service -Time of Use (69 kV or above) (Closed Schedule)	8.542
CS-3	Curtable Service (69 kV or above) (Closed Schedule)	8.545
GSLD-3	General Service Large Demand (69 kV or above)	8.551
GSLDT-3	General Service Large Demand - Time of Use (69 kV or above)	8.552
OS-2	Sports Field Service (Closed Schedule)	8.602
MET	Metropolitan Transit Service	8.610
CILC-1	Commercial/Industrial Load Control Program (Closed Schedule)	8.650
CDR	Commercial/Industrial Demand Reduction Rider	8.680
CL	Curtable Load Limited Availability Experimental Rider (Closed Schedule)	8.686
SL-1	Street Lighting (Closed Schedule)	8.715
SL-1M	Street Lighting Metered Service	8.718
PL-1	Premium Lighting (Closed Schedule)	8.720
OL-1	Outdoor Lighting (Closed Schedule)	8.725
SL-2	Traffic Signal Service (Closed Schedule)	8.730
SL-2M	Traffic Signal Metered Service	8.731
LT-1	LED Lighting	8.735
OS I/II	Outdoor Service (Closed Schedule)	8.739
RL-1	Recreational Lighting (Closed Schedule)	8.743
SST-1	Standby and Supplemental Service	8.750
ISST-1	Interruptible Standby and Supplemental Service	8.760
EDR	Economic Development Rider	8.800

RESIDENTIAL LOAD MANAGEMENT PROGRAM
 (RESIDENTIAL ON CALL® PROGRAM)

RATE SCHEDULE: ROC

AVAILABLE:

Available only within the geographic areas served by the Company's Load Management System.

APPLICATION:

To customers receiving service under Rate Schedule RS-1 or RS-1/2EV who elect to participate in this program and who utilize central electric air conditioning.

The following electric appliances are eligible: central air conditioners, central space heaters, conventional electric resistance water heaters (excludes tankless/instantaneous, solar, heat pump, and heat recovery unit water heaters), and swimming pool pumps. All new program participants as of October 31, 2020 must include central electric air conditioners. If the participant's system also has a central electric heater, this must also be included. Inclusion of water heaters and swimming pool pumps is optional. Prior program participants' appliance selections and eligibility requirements remain unchanged. Participants who exit the program and later rejoin will be subject to the participation requirements in effect at that time.

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. Participant's premise must be occupied for at least 9 months of the year. The participant-selected electrical appliances shall be interrupted at the option of the Company by means of load management equipment installed at the participant's premise.

TERM OF SERVICE:

A participant may change: (i) their interruption option (from Cycle to Shed only); (ii) the selection of appliances; or (iii) discontinue service under this Rate Schedule by giving the Company seven (7) days advance notice. If the participant requests to have one or more appliances removed from participation in the program, such appliance(s) will be ineligible to re-participate again for one year (12 months) from the time participation ended.

MONTHLY BILL CREDIT:

Participants receiving service under this Rate Schedule will receive a Monthly Bill Credit as follows:

Appliance	Applicability	Monthly Bill Credit
Central Electric Air Conditioner	April – October	\$6.00
Central Electric <u>Space</u> Heater	November – March	\$2.75
Conventional Electric Water Heater	Year-Round	\$1.50
Swimming Pool Pump	Year-Round	\$1.50
Prior Participants Only (Cycling)		
- Central Electric Air Conditioner	April – October	\$3.00
- Central Electric Heater	November – March	\$2.00

The total Monthly Bill 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. 8.218)

(Continued from Sheet No. 8.217)

INTERRUPTION SCHEDULE:

Appliance	Interruption Schedule
Central Electric Air Conditioner	Up to 180 minutes per day
Central Electric Space Heater	Up to 180 minutes per day
Convention Electric Water Heater	Up to 240 minutes per day
Swimming Pool Pump	Up to 240 minutes per day
Prior Participants Only (Cycling Only) - Central Electric Air Conditioner	15 minutes per 30-minute period / cumulative interruption up to 180 minutes per day. If unable to provide sufficient demand reduction to avert an emergency situation, may increase to 17.5 minutes per 30-minute period / cumulative interruption up to 210 minutes per day
- Central Electric Space Heater	15 minutes per 30-minute period / cumulative interruption up to 180 minutes per day

The limitations on interruptions shall not apply during emergencies on the Company's system or to interruptions that occur as a result of: (a) fuels shortages; (b) breakdown or damage to Company's generation, transmission, or distribution facilities; (c) repairs or changes in the Company generation, transmission, or distribution facilities; (d) ordinary negligence of the Company's employees, servants, or agents; or (e) any other act or omission or related injury that is directly or indirectly related to events of caused by f-Force majeure or other causes beyond the control of the Company. The Company at its discretion may also perform interruptions for readiness testing purposes.

SPECIAL PROVISIONS

1. The Company shall not install load management equipment if the installation cannot 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. If a customer has multiple units of the same appliance type then at least two must be connected with load management equipment to qualify for the Monthly Bill Credit attributable to that appliance type. In such circumstances, only a single Monthly Bill Credit for that appliance type will be applied per premise.
4. Installation of the Company's load management equipment at the participant's premise is the sole responsibility of a licensed, independent contractor or Company representative. The participant 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. If the Company determines that the participant no longer uses one or more of the appliances signed up for the program, or the equipment is disconnected or not communicating, then the Company shall discontinue the associated Monthly Bill Credits and has the right, at the Company's sole discretion, to remove the associated load management equipment.
6. The participant is required to 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 participant's appliances as intended by this Rate Schedule. Failure to provide access will result in the removal of the affected appliances from the program or full participation termination until such access is granted.
7. If the Company determines that the effect of equipment interruptions has been offset by the participant's use of supplementary or alternative electrical equipment, then service under this Rate Schedule may be discontinued and the participant billed for all prior Monthly Bill Credits received under this Rate Schedule from an established date upon which supplementary or alternative electrical equipment was used. If such a date cannot be established, then rebilling shall be for the Monthly Bill Credits received by the participant for the lesser of the number of months receiving service under this Rate Schedule or the previous twelve (12) months. The participant will be ineligible to participate in the program for twelve (12) months from the time their participation was terminated.
8. If the Company determines that its load management equipment at the participant's premise has been rendered ineffective by mechanical, electrical or other devices, disconnection or other intentional actions ("tampering") by the participant, then the Company may discontinue their participation in the program and bill for all expenses involved in removal of the load management equipment, plus applicable investigative charges. The Company may rebill all prior Monthly Bill Credits received by the participant from an established tampering date. If such a date cannot be established, then rebilling of the Monthly Bill Credits shall be for the lesser of the number of months receiving service under this Rate Schedule or the previous twelve (12) months. If the Company terminates the participant, then they will be ineligible to participate in the program for twelve (12) months from the time their participation was terminated.
89. Participants in the HVAC Services Rider are subject to the Central Air Conditioner and Central Electric Space Heater Monthly Bill Credits and Interruption Schedule.

HVAC SERVICES RIDER
(OPTIONAL)

RATE SCHEDULE: HVAC

AVAILABLE:

In all areas served.

This optional rider ("Rider") is available on a voluntary basis to Customers who desire (1) the installation of Company owned, operated, and maintained HVAC equipment ("Equipment") that meets current energy efficiency codes and standards at the time of installation and (2) the receipt of billing credits for interruptible service consistent with this Rider and the Company's Residential On Call tariff (Tariff Nos. 8.217-8.218). The Rider is available to individually metered customers in owner-occupied residences receiving electric service under a rate schedule, where the customer's account is current and not on an active installment payment plan. To participate in the program, the property owner, must sign the Optional HVAC Services Agreement. Unless otherwise noted, terms of the Company's Residential On Call Program that apply to the HVAC Services Rider apply to participants of this Rider.

APPLICATION:

Service is provided through the installation of Equipment by the Company at the Customer's premise, the purpose of which is to meet the Customer's requested scope of service. To meet the service need identified by the Customer, the Company will conduct an evaluation of Customer requirements and of potential solutions. The Company and the Customer may thereafter execute a Residential HVAC Services Agreement ("Agreement") using the form of agreement approved by the Commission, which must include a description of the Equipment to be installed, the service to be performed, and the monthly charge for the service. Upon receipt of the proposed Agreement from Company, the Customer shall have no more than seven (7) days to execute the Agreement. After seven (7) days, the proposed Agreement shall be considered expired, unless extended in writing by the Company.

LIMITATION OF SERVICE:

Installation of the Equipment shall be made only when, in the judgment of the Company, the location and the type of the Equipment are, and will continue to be economical, accessible, and viable. Service shall be limited to Customers with no delinquent balances with the Company. The Company will own, operate, and maintain the Equipment for the term of the Agreement subject to the terms of the Agreement.

Services shall be limited to provision through new Equipment. By participation in this Rider, Customer agrees to allow the Company to interrupt Equipment as outlined in the Interruption Schedule of the Residential On Call Program and receive a credit for such authorization as described in the Monthly Service Payment section below.

TERM OF SERVICE:

The term of service will be specific to each HVAC Services Agreement.

MONTHLY SERVICE PAYMENT:

The Company will design, procure, install, own, operate, and maintain all Equipment included in the determination of the Monthly Service Payment. The Monthly Service Payment under this Rider is in addition to the monthly billing determined under the Customer's otherwise applicable rate schedule and any other applicable charges, and shall be calculated based on the following formula:

Monthly Service Payment = Capital Cost + Expenses

(Continue on Sheet No. 8.221)

(Continue from Sheet No. 8.220)

In the reasonable discretion of Company, Company may (i) apply the net present value of the monthly credits available under the Company's Residential On Call Program for the Equipment as (a) a credit against the initial monthly fees of this program, or (b) an up-front credit, or (ii) utilize the monthly HVAC Services Rider credit available under the Company's Residential On Call Program as an offset against the monthly fees of this program.

WHERE:

Capital Cost shall be levelized over the term of service based upon the estimated installed cost of Equipment times a carrying cost. The carrying cost is the cost of capital, reflecting current capital structure and most recent FPSC-approved return on common equity.

Replacement cost(s) from normal wear and tear incurred during the term of Service will also be included. Any equipment installed by the Company that is not necessary to support the Equipment shall not be included in the Monthly Service Payment.

The Monthly Service Payment(s) may be adjusted, by agreement of both the Customer and the Company, to reflect the Customer's request for modifications to the Service and Equipment specified in the HVAC Services Agreement. Modifications include, but are not limited to, Equipment modifications necessitated by changes in the character of service required by the Customer, requests by the Customer for supplemental Equipment or services, or changes or increases in the Customer's facilities which will materially affect the operation of the Company's Equipment.

PROVISIONS FOR EARLY TERMINATION:

Customer has the right to terminate the Agreement for its convenience upon written notice to the Company at least ninety (90) days prior notice. Termination fees will be assessed in accordance with the HVAC Services Agreement.

RULES AND REGULATIONS:

Service under this Rider is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this Rider and said, "General Rules and Regulations for Electric Service", the provision of this Rider shall apply.

(Continued from Sheet No. 9.010)

	<u>Sheet No.</u>
Underground Distribution Facilities Installation Agreement	9.700
Underground Road/Pavement Crossing Agreement	9.715
Underground Facilities Conversion Agreement	9.720
Long-Term Rental Agree for Distribution Substation Facilities	9.730
Facilities Rental Service Agreement	9.750
Electric Service and Meter Socket Requirements	9.760
Easement (Individual)	9.770
Underground Easement (Individual)	9.773
Easement (Business)	9.775
Underground Easement (Business)	9.778
Momentary Parallel Operation Interconnection Agreement	9.780
Interconnection Agreement For Qualifying Facilities	9.800
Optional Residential Smart Panel Equipment Agreement	9.806
Residential Optional Supplemental Power Services Agreement	9.811
Non-Residential Optional Supplemental Power Services Agreement	9.820
Commercial Electric Vehicle Charging Services Agreement	9.833
Optional Residential Electric Vehicle Charging Agreement	9.843
Solar Power Facilities Service Agreement	9.849
<u>Optional HVAC Services Agreement</u>	<u>9.858</u>
Existing Facility Economic Development Rider Service Agreement	9.870
Standby and Supplemental Service Agreement	9.910
Interruptible Standby and Supplemental Service Agreement	9.920
Medically Essential Service	9.930
Medically Essential Service Notice of Exclusion from Disclosure	9.932
Performance Guaranty Agreement	9.946
Performance Guaranty Agreement for Incremental Capacity	9.950

OPTIONAL HVAC SERVICES AGREEMENT

THIS Optional HVAC Services Agreement (“Agreement”) is made and entered into this _____ day of _____, 20__ by and between _____, having a primary residence located at _____ (hereafter, the “Customer”) and Florida Power & Light Company, a Florida corporation, having offices at 700 Universe Boulevard, Juno Beach, Florida 33408 (hereafter “Company”)(each a “Party” and collectively the “Parties”). The Service (as defined in the paragraph below) provided under this Agreement is subject to the Rules and Orders of the Florida Public Service Commission (“FPSC”) and to Company’s Electric Tariff, including, but not limited to the Optional HVAC Services Rider Rate Schedule, as approved or subsequently revised by the FPSC (hereafter the “Rider”) and the Company’s General Rules and Regulations for Electric Service as they are now written, or as they may be hereafter revised, amended or supplemented (collectively, hereafter referred to as the “Electric Tariff”). In case of conflict between any provision of this Agreement and the Electric Tariff, this Agreement shall control. Capitalized terms not defined herein shall have the meaning set forth in the Electric Tariff.

WHEREAS, the Customer hereby applies to Company for receipt of service, as more specifically described in a Statement of Work (“SOW”), for the purpose of providing installation, maintenance and operating control (as described in the Company’s Residential On Call Program) of HVAC equipment (collectively, the “Service”) at the Customer residential property located at _____ (hereafter the “Residential Property”). Customer’s participation in the Company’s Residential On Call Program is a condition precedent to this Agreement.

NOW THEREFORE, in consideration of their mutual promises and undertakings, the Parties agree to the following terms and conditions in this Agreement:

1. **Effective Date.** This Agreement shall become effective upon the acceptance hereof by Company (“Effective Date”), evidenced by the signature of Company’s authorized representative appearing below, which, together with the Electric Tariff and the SOW, shall constitute the entire agreement between the Customer and Company with respect to provision of the Service.
2. **Term of Agreement.** The term of this Agreement will commence on the Effective Date and will continue for a term of [10, 12, or 15] years following the Residential Operation Date as defined in Section 4(a) below (the “Term”).
3. **Scope of Services.** Company, through its authorized contractors, will design, procure, install, own, operate, and provide maintenance to all HVAC equipment (“Equipment”) to furnish the Service as more specifically described in the SOW. Customer acknowledges and agrees that (i) the Equipment will be removable and will not be a fixture or otherwise part of the Residential Property, (ii) Company will own the Equipment, and (iii) Customer has no ownership interest in the Equipment. For the avoidance of doubt, it is the Parties’ intent that this Agreement (i) is for the Company’s provision of Services to Customer using Company’s Equipment, and (ii) is not a lease of the Equipment by Company to Customer.
4. **Design and Installation.** Company, through its authorized contractors, will design, procure, and install the Equipment pursuant to the requirements of the SOW.
 - (a) Residential Operation. Upon completion of the installation of the applicable Equipment in accordance with the requirements of the SOW, Company shall deliver to Customer a notice that the Equipment is ready for operation, with the date of such notice being the “Residential Operation Date”.
 - (b) Commencement of Monthly Service Payment Upon Residential Operation Date. Customer’s obligation to pay the applicable Customer’s monthly Service payment, plus applicable taxes due from Customer pursuant to Section 6 (Customer Payments), shall begin on the Residential Operation Date and shall be due and payable by Customer pursuant to the Company’s General Rules and Regulations for Electric Service.
5. **Equipment Maintenance; Alterations.** During the Term, Company shall provide maintenance to the applicable Equipment in accordance with generally accepted industry practices. Customer shall promptly notify Company when Customer has knowledge of any operational issues or damage related to the Equipment. Company shall inspect and repair Equipment that is not properly operating within the timelines agreed upon in the SOW. Company will invoice Customer for repairs that are the Customer’s financial responsibility under

(Continued on Sheet No. 9.859)

(Continued from Sheet No. 9.858)

Section 12(c), due and payable by Customer within thirty (30) days of the date of such invoice. The Customer shall not move, modify, remove, adjust, alter, or change in any material way the Equipment, or any part thereof, during the term of the Agreement, except in the event of an occurrence reasonably deemed by the Customer or Company to constitute a bona fide emergency. All replacements of, and alterations or additions to, the Equipment shall become part of the Equipment. In the event of a breach of this Section 5 by Customer, Company may, at its option and sole discretion, restore Equipment to its original condition at Customer's sole cost and expense.

6. Customer Payments.

- (a) Fees. The Customer's monthly Service payment shall be in the amount set forth in the SOW ("Monthly Service Payment"). Applicable taxes will also be included in or added to the Monthly Service Payment.
- (b) Late Payment. Charges for Services due and rendered which are unpaid as of the past due date are subject to a Late Payment Charge of the greater of \$5.00 or 1.5% applied to any past due unpaid balance of all accounts. Further, if the Customer fails to make any undisputed payment owed the Company hereunder within five (5) business days of receiving written notice from the Company that such payment is past due, Company may cease to supply Service under this Agreement until the Customer has paid the bills due. It is understood, however, that discontinuance of Service pursuant to the preceding sentence shall not constitute a breach of this Agreement by Company, nor shall it relieve the Customer of the obligation to comply with all payment obligations under this Agreement.
- (c) HVAC Services Credits. At the request of the Customer, Company may at its discretion either (i) apply the net present value of the monthly credits available under the Company's Residential On Call Program for the Equipment as (a) a credit against the initial monthly fees of this Agreement, or (b) an up-front credit, or (ii) utilize the monthly credits available under the Company's Residential On Call Program as an offset against the monthly fees of this Agreement. The application of the credits will be reflected in the applicable SOW.

7. Customer Credit Requirements. In the reasonable discretion of Company to assure Customer payment of Monthly Service Payments, Company may request and Customer will be required to provide cash security, a surety bond, or a bank letter of credit, in an amount as set forth in the SOW, prior to Company's procurement or installation of Equipment. Each Customer that provides a surety bond or a bank letter of credit must enter into the agreement(s) set forth in Sheet No. 9.440 of the Company's Electric Tariff for the surety bond and Sheet Nos. 9.430 and 9.435 of the Company's Electric Tariff for the bank letter of credit. Failure to provide the requested security in the manner set forth above within ninety (90) days of the date of this Agreement shall be a material breach of this Agreement unless such 90-day period is extended in writing by Company. Upon the end of the Term and after Company has received final payment for all bills, including any applicable Termination Fee pursuant to Section 13(a), for Service incurred under this Agreement, any cash security held by the Company under this Agreement will be refunded, and the obligors on any surety bond or letter of credit will be released from their obligations to the Company.

8. Right of Access. Customer hereby grants Company an access easement on the Residential Property sufficient to allow Company, in Company's sole discretion, to (i) laydown and stage the Equipment, tools, materials, other equipment and rigging and to park construction crew vehicles in connection with the installation or removal of the Equipment, (ii) inspect and provide maintenance to the Equipment; or (iii) provide any other service contemplated or necessary to perform under this Agreement. Furthermore, if any event creates an imminent risk of damage or injury to the Equipment, any person or person's property, Customer grants Company immediate unlimited access to the Residential Property to take such action as Company deems appropriate to prevent such damage or injury (collectively "Access").

9. Company Interruption, Operation and Testing of Equipment. The Company shall have the right to interrupt the operation of the Equipment pursuant to the Company's Residential On Call Program. The Company shall also have the right to manually and/or remotely control the Equipment for purposes of fulfilling its obligations under this Agreement.

(Continue on Sheet No. 9.860)

(Continued from Sheet No. 9.859)

10. Customer Responsibilities. Company shall be entitled to rely on the accuracy and completeness of any information provided by the Customer related to the Residential Property. The Customer shall be obligated, at its sole expense, to keep the Residential Property free and clear of anything that may (i) impair the maintenance or removal of Equipment, (ii) impair the Company's operation of the Equipment pursuant to Section 9, or (iii) cause damage to the Equipment.

11. Permits and Regulatory Requirements. Company shall be responsible for obtaining and for compliance with any license or permit required to enable it to provide the Service. Customer agrees to cooperate with Company and to assist Company in obtaining and closing any required permit.

12. Title and Risk of Loss.

- (a) **Title.** The Customer agrees that Equipment installed at the Residential Property is and will remain the sole property of Company unless and until such time as the Customer satisfies its obligations under the Agreement through the end of its term or exercises any purchase option set forth in the Agreement and pays such applicable purchase price to Company. Company reserves the right to modify or upgrade Equipment as Company deems necessary, in its sole discretion, for the continued supply of the Service. Any modifications, upgrades, alterations, additions to the Equipment, or replacement of the Equipment shall become part of the Equipment and shall be subject to the ownership provisions of this Section 12(a). The Parties agree that the Equipment is personal property of Company and not a fixture to the Residential Property and shall retain the legal status of personal property as defined under the applicable provisions of the Uniform Commercial Code. With respect to the Equipment, and to preserve the Company's title to, and rights in the Equipment, Company may file one or more precautionary UCC financing statements or fixture filings, as applicable, in such jurisdictions as Company deems appropriate. Furthermore, the Parties agree that Company has the right to record notice of its ownership rights in the Equipment in the public records of the county of the Residential Property.
- (b) **Liens.** Customer shall keep the Equipment free from any liens by third parties. Customer shall provide timely notice of Company's title and ownership of the Equipment to all persons that may come to have an interest in or lien upon the Residential Property.
- (c) **Risk of Loss to Equipment (Customer Responsibility).** **CUSTOMER SHALL BEAR ALL RISK OF LOSS OR DAMAGE OF ANY KIND WITH RESPECT TO ALL OR ANY PART OF THE EQUIPMENT LOCATED AT THE RESIDENTIAL PROPERTY TO THE EXTENT SUCH LOSS OR DAMAGE IS CAUSED BY THE ACTIONS, NEGLIGENCE, WILLFUL MISCONDUCT OR GROSS NEGLIGENCE OF CUSTOMER, ITS CONTRACTORS, AGENTS, INVITEES AND/OR GUESTS (COLLECTIVELY A "CUSTOMER CASUALTY").**
- (d) **Risk of Loss to Equipment.** In the event the Equipment is damaged and is not a Customer Casualty, the Company will repair or replace the Equipment at Company's cost, or, in the event that Equipment is so severely damaged or has such a severe failure that substantial replacement is necessary, the Company may in its sole discretion either (i) terminate this Agreement for its convenience upon written notice to Customer, provided that Company will have the right to remove the Equipment at its cost within a reasonable period of time, and Customer will be obligated to pay any outstanding Monthly Service Payments and applicable taxes for Service provided to Customer up to and through the date the Equipment was damaged, or (ii) mutually agree with Customer to replace the Equipment and (a) adjust the Monthly Service Payments to reflect the new in-place cost of the Equipment less the in-place cost of the replaced Equipment and/or (b) extend the Term of the Agreement to enable Company to recover the capital cost of the replacement Equipment.

(Continue on Sheet No. 9.861)

(Continued from Sheet No. 9.860)

For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. In the event the Equipment is damaged and is a Customer Casualty, the Company will repair or replace the Equipment at Customer's cost, or, in the event that Equipment is so severely damaged or has such a severe failure that substantial replacement is necessary, the Company may terminate this Agreement for its convenience upon written notice to Customer and Customer shall be responsible for paying the Termination Fee as more fully described in Section 13(a).

13. Expiration or Termination of Agreement.

- (a) **Early Termination for Convenience by Customer.** Subject to the obligation of Customer to pay Company the Termination Fee (as defined below), the Customer has the right to terminate this Agreement for its convenience upon written notice to Company at least ninety (90) days prior to the effective date of termination. The "Termination Fee" will be an amount equal to (i) any outstanding Monthly Service Payments and applicable taxes for Service provided to Customer prior to the effective date of termination, plus (ii) any unrecovered maintenance costs expended by Company prior to the effective date of termination, plus (iii) the unrecovered capital costs of the Equipment (including the recovery of the amount Customer would have paid had Company not leveled the Monthly Service Payments during the Term) less any salvage value of Equipment removed by Company, plus (iv) any removal cost of any Equipment, plus (v) any advance payment of HVAC Services Credits by Company to Customer under the Company's Residential On Call Program, plus (vi) the cost of removal of the Fixture Filing (as defined in Section 20), minus (vii) any payment security amounts recovered by the Company under Section 7 (Customer Credit Requirements). For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. Company will invoice Customer the Termination Fee, due and payable by Customer within thirty (30) days of the date of such invoice. Company's invoice may include an estimated salvage value of Equipment removed by Company. Company retains the right to invoice Customer based upon actual salvage value within one-hundred eighty (180) days of the date of Company's removal of Equipment. In lieu of the credit for any salvage value of the Equipment pursuant to subsection (iii) above or the charge for removal costs pursuant to subsection (iv) above, Customer may elect to take title to the Equipment upon full payment of the balance of the Termination Fee plus any applicable taxes.
- (b) **Early Termination by Company for Convenience or by Company Due to Change in Law.** The Company has the right to terminate this Agreement for its convenience upon written notice to Customer at least ninety (90) days prior to the effective date of termination, or, in whole or in part, immediately upon written notice to Customer as a result of FPSC actions or change in applicable laws, rules, regulations, ordinances or applicable permits of any federal, state or local authority, or of any agency thereof, that have the effect of terminating, limiting or otherwise prohibiting Company's ability to provide the Service. Upon a termination for convenience by Company pursuant to this Section 13(b), Customer must choose to either: (i) Purchase the Equipment upon payment of the Termination Fee as defined in Section 13(a) plus applicable taxes, but not including a credit for any salvage value of the Equipment or charge for removal costs; or (ii) Request that Company remove the Equipment, at Company's sole cost, within a reasonable time period, provided that, for the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election.

(Continue on Sheet No. 9.862)

(Continue from Sheet No. 9.861)

If Customer and Company cannot reach agreement as to the transfer price of the Equipment within ninety (90) days of Company's notice of termination for convenience, Customer shall be deemed to have elected the request for Company to remove the Equipment. Notwithstanding anything to the contrary above, upon FPSC actions or change in applicable laws, rules, regulations, ordinances or applicable permits of any federal, state or local authority, or of any agency thereof, that have the effect of terminating, limiting or otherwise prohibiting Company's ability to provide the Service, Company will use commercially reasonable efforts to assign its rights and obligations under this Agreement to a third party pursuant to Section 20.

(c) Early Termination of Agreement for Cause. In addition to any other termination rights expressly set forth in this Agreement, Company and Customer, as applicable, may terminate this Agreement for cause upon any of the following events of default (each an "Event of Default"): (i) Customer fails to timely pay the Monthly Service Payment and fails to cure such deficiency within five (5) business days of written notice from the Company; (ii) Company materially breaches its obligations under the Agreement and such failure is not cured within thirty (30) days after written notice thereof by Customer; (iii) Customer fails to perform or observe any other covenant, term or condition under the Agreement and such failure is not cured within thirty (30) days after written notice thereof by Company; (iv) Subject to Section 20, Customer sells, transfers or otherwise disposes of the Residential Property; (v) Customer enters into any voluntary or involuntary bankruptcy or other insolvency or receivership proceeding, or makes an assignment for the benefit of creditors; (vi) any representation or warranty made by Customer or otherwise furnished to Company in connection with the Agreement shall prove at any time to have been untrue or misleading in any material respect; (vii) Customer removes or allows a third party to remove, any portion of the Equipment from the Residential Property; or (viii) Customer discontinues its participation in the Company's Residential On Call Program.

i. Upon a termination for cause by Company, the Company shall have the right to access and remove the Equipment, and Customer shall be responsible for paying the Termination Fee as more fully described in Section 13(a). For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. Additionally, the Customer shall be liable to Company for any attorney's fees or other costs incurred in collection of the Termination Fee. In the event that Company and a purchaser of the Residential Property (who has not assumed the Agreement pursuant to Section 20) agree upon a purchase price of the Equipment, such purchase price shall be credited against the Termination Fee owed by Customer.

ii. Upon a termination for cause by Customer, Customer must choose to either (i) pursue the purchase option pursuant to Section 13(e), or (ii) request that Company remove the Equipment, at Company's sole cost, within a reasonable time period, and pay no Termination Fee; provided that, for the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election.

(d) Expiration of Agreement. At least ninety (90) days prior to the end of the Term, Customer shall provide Company with written notice of an election of one of the three following options: (i) to take title of the Equipment if Customer has made all payments required under this Agreement (ii) to renew the Term of this Agreement, subject to modifications to be agreed to by Company and the Customer, for a period and price to be agreed upon between Company and the Customer.; (iii) to purchase the Equipment by payment of the purchase option price set forth in Section 13(e) if Customer has not made all payments required in the Agreement, or (iv) to request that Company remove the Equipment and for Customer to pay Company the Termination Fee.

(Continue on Sheet No. 9.863)

(Continue from Sheet No. 9.862)

In the event that Customer fails to make a timely election, Customer shall be deemed to have elected the request for Company to remove the Equipment and for Customer to pay the Termination Fee. For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. If options (i) or (ii) is selected by Customer but the Parties have failed to reach agreement as to the terms of the applicable option by the expiration of the then current Term, the Agreement will auto-renew on a month-to-month basis until (A) the date on which the Parties reach agreement and finalize the option, or (B) the date Customer provides written notice to Company to change its election to option (iii) above.

- (c) Customer Purchase Option. Pursuant to a purchase option under Section 13(c), Section 13(d), or Section 20, the Customer may elect to purchase and take title to the Equipment upon payment of the Termination Fee as defined in Section 13(a) plus applicable taxes but not including a credit for any salvage value of the Equipment or charge for removal costs. Company will invoice Customer the purchase option price within thirty (30) days of Customer's election of the purchase option, due and payable by Customer within thirty (30) days of the date of such invoice.

14. Warranty and Representations.

- (a) Company's Disclaimer of Express and/or Implied Warranties. CUSTOMER ACKNOWLEDGES AND AGREES THAT COMPANY HAS NOT MADE, DOES NOT MAKE AND SPECIFICALLY NEGATES AND DISCLAIMS ANY REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS OR GUARANTEES OF ANY KIND OR CHARACTER WHATSOEVER, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, PAST, PRESENT OR FUTURE, OF, AS TO, CONCERNING, OR WITH RESPECT TO THE COMPANY'S OBLIGATIONS, SERVICES AND/OR THE EQUIPMENT. CUSTOMER ACKNOWLEDGES THAT THERE IS NO WARRANTY IMPLIED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THE IMPLIED WARRANTY OF CUSTOM OR USAGE. CUSTOMER FURTHER ACKNOWLEDGES IN NO EVENT DOES COMPANY WARRANT AND/OR GUARANTY TO THE CUSTOMER THAT THE ELECTRICAL SERVICES TO THE RESIDENTIAL PROPERTY WILL BE UNINTERRUPTED OR THAT THE INSTALLATION OF THE EQUIPMENT AND PROVISION OF SERVICES PROVIDED HEREUNDER WILL AVERT OR PREVENT THE INTERRUPTION OF ELECTRIC SERVICES.
- (b) Customer Representations and Warranties. The Customer represents and warrants that (i) the Residential Property at which Company's Equipment is to be located is suitable for the location of such Equipment; (ii) the placing of such Equipment at such Residential Property will comply with all laws, rules, regulations, ordinances, zoning requirements, or any other federal, state, and local governmental requirements applicable to Customer; (iii) all information provided by the Customer related to the Residential Property is accurate and complete; and (iv) Customer holds sole and exclusive title to the Residential Property or has the sole and exclusive right of possession of the Residential Property for the Term.

15. LIMITATIONS OF LIABILITY.

- (a) IT IS UNDERSTOOD AND ACKNOWLEDGED BY CUSTOMER THAT COMPANY IS NOT AN INSURER OF LOSSES OR DAMAGES THAT MIGHT ARISE OR RESULT FROM THE EQUIPMENT NOT OPERATING AS EXPECTED. BY SIGNING THIS AGREEMENT, CUSTOMER ACKNOWLEDGES AND AGREES THAT COMPANY SHALL NOT BE LIABLE TO THE CUSTOMER FOR COMPLETE OR PARTIAL INTERRUPTION OF SERVICE, RESULTING FROM CAUSES BEYOND ITS CONTROL OR THROUGH THE ORDINARY NEGLIGENCE OF ITS EMPLOYEES, SERVANTS OR AGENTS.

(Continue on Sheet No. 9.864)

(Continued from Sheet No. 9.863)

(b) SUBJECT TO SECTION 15(c), NEITHER COMPANY NOR CUSTOMER SHALL BE LIABLE TO THE OTHER FOR CONSEQUENTIAL, SPECIAL, EXEMPLARY, INDIRECT, OR INCIDENTAL LOSSES OR PUNITIVE DAMAGES UNDER THE AGREEMENT, INCLUDING LOSS OF USE, COST OF CAPITAL, LOSS OF GOODWILL, LOST REVENUES, OR LOSS OF PROFIT, AND COMPANY AND CUSTOMER EACH HEREBY RELEASES THE OTHER FROM ANY SUCH LIABILITY.

(c) THE LIMITATIONS OF LIABILITY UNDER SECTION 15(a) AND SECTION 15(b) ABOVE SHALL NOT BE CONSTRUED TO LIMIT ANY INDEMNITY OR DEFENSE OBLIGATION OF CUSTOMER UNDER SECTION 18(c). Customer's initials below indicate that Customer has read, understood and voluntarily accepted the terms and provisions set forth in Section 15.

16. Force Majeure. Force Majeure is defined as an event or circumstance that is not reasonably foreseeable, is beyond the reasonable control of and is not caused by the negligence or lack of due diligence of the affected Party or its contractors or suppliers. Such events or circumstances may include, but are not limited to, actions or inactions of civil or military authority (including courts and governmental or administrative agencies), acts of God, war, riot or insurrection, blockades, embargoes, sabotage, epidemics, explosions and fires not originating in the Residential Property or caused by its operation, hurricanes, floods, strikes, lockouts or other labor disputes or difficulties (not caused by the failure of the affected Party to comply with the terms of a collective bargaining agreement). If a Party is prevented or delayed in the performance of any such obligation by a Force Majeure event, such Party shall provide notice to the other Party of the circumstances preventing or delaying performance and the expected duration thereof. The Party so affected by a Force Majeure event shall endeavor, to the extent reasonable, to remove the obstacles which prevent performance and shall resume performance of its obligations as soon as reasonably practicable. Provided that the requirements of this Section 16 are satisfied by the affected Party, to the extent that performance of any obligation(s) is prevented or delayed by a Force Majeure event, the obligation(s) of the affected Party that is obstructed or delayed shall be extended by the time period equal to the duration of the Force Majeure event. Notwithstanding the foregoing, the occurrence of a Force Majeure event shall not relieve Customer of payment obligations under this Agreement.

17. Confidentiality. "Confidential Information" shall mean all nonpublic information, regardless of the form in which it is communicated or maintained (whether oral, written, electronic, or visual) and whether prepared by Company or otherwise, which is disclosed to Customer. Confidential Information shall not be used for any purpose other than for purposes of this Agreement and shall not be disclosed without the prior written consent of Company.

18. Insurance and Indemnity.

(a) Insurance to Be Maintained by the Company. At any time that the Company is performing Services under this Agreement at the Customer Residential Property, the Company shall, maintain, at its sole cost and expense, liability insurance as required by law, including workers' compensation insurance mandated by the applicable laws of the State of Florida. Company may meet the above required insurance coverage with any combination of primary, excess, or self-insurance.

(b) Insurance to Be Maintained by the Customer. During and throughout the Term of this Agreement and until all amounts payable to the Company pursuant to this Agreement are paid in full, the Customer shall maintain a homeowner's insurance policy with minimum liability coverage of Three Hundred Thousand (\$300,000.00) Dollars.

(Continue on Sheet No. 9.865)

(Continued from Sheet No. 9.864)

- (c) Indemnity. The Customer shall indemnify, hold harmless, and defend Company from and against any and all liability, proceedings, suits, cost, or expense for loss, damage, or injury to persons or property (“Losses”) to the extent arising out of, connected with, relating to or in any manner directly or indirectly connected with this Agreement; provided, that nothing herein shall require Customer to indemnify Company for Losses caused by Company’s own negligence, gross negligence, or willful misconduct. The provisions of this paragraph shall survive termination or expiration of this Agreement.
- 19. Non-Waiver.** The failure of either Party to insist upon the performance of any term or condition of this Agreement or to exercise any right hereunder on one or more occasions shall not constitute a waiver or relinquishment of its right to demand future performance of such term or condition, or to exercise such right in the future.
- 20. Assignment.** Neither this Agreement, nor the Service, nor any duty, interest or rights hereunder shall be subcontracted, assigned, transferred, delegated, or otherwise disposed of by Customer without Company’s prior written approval. Customer will provide written notice to Company of a prospective sale of the real property upon which the Equipment is installed, at least thirty (30) days prior to the sale of such property. In the event of the sale of the real property upon which the Equipment is installed, subject to the obligations of this Agreement including Section 7 (Customer Credit Requirements), the Customer has the option to purchase the Equipment pursuant to Section 13(e), or this Agreement may be assigned by the Customer to the purchaser if such obligations have been assumed by the purchaser and agreed to by the Customer and the Company in writing. This Agreement shall inure to the benefit of, and be binding upon the successors and assigns of the Customer and Company. This Agreement is free of any restrictions that would prevent the Customer from freely transferring the Residential Property. Company will not prohibit the sale, conveyance, or refinancing of the Residential Property. Company may choose to file in the real estate records one or more precautionary UCC financing statements or fixture filings (collectively “Fixture Filing”) that preserves their rights in the Equipment. The Fixture Filing is intended only to give notice of its rights relating to the Equipment and is not a lien or encumbrance against the Residential Property. Company shall explain the Fixture Filing to any subsequent purchasers of the Residential Property and any related lenders as requested. Company may assign its rights and obligations under this Agreement as allowed by applicable law upon written notice to Customer.
- 21. Dispute Resolution, Governing Law, Venue and Waiver of Jury Trial.** This Agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Florida, exclusive of conflicts of laws provisions. Each Party agrees not to commence or file any formal proceedings against the other Party related to any dispute under this Agreement for at least forty-five (45) days after notifying the other Party in writing of the dispute. A court of competent jurisdiction in the Circuit Court for Palm Beach County, Florida or the United States District Court for the Southern District of Florida only, as may be applicable under controlling law, shall decide any unresolved claim or other matter in question between the Parties to this Agreement arising out of or related in any way to this Agreement, with such court having sole and exclusive jurisdiction over any such matters. EACH OF THE PARTIES HEREBY KNOWINGLY, VOLUNTARILY, AND INTENTIONALLY WAIVES ANY RIGHTS THAT MIGHT EXIST TO HAVE A TRIAL BY JURY WITH RESPECT TO ANY LITIGATION BASED UPON, RELATING TO, ARISING OUT OF, UNDER OR IN ANY WAY CONNECTED WITH THIS AGREEMENT, OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENTS (WHETHER ORAL OR WRITTEN), OR ACTIONS OF EITHER PARTY HERETO. THIS PROVISION IS A MATERIAL INDUCEMENT FOR THE PARTIES ENTERING INTO THIS AGREEMENT.
- 22. Modification.** No statements or agreements, oral or written, made prior to the date hereof, shall vary or modify the written terms set forth herein and neither Party shall claim any amendment, modification, or release from any provision hereof by reason of a course of action or mutual agreement unless such agreement is in writing, signed by both Parties and specifically states it is an amendment to this Agreement.

(Continue on Sheet No. 9.866)

(Continued from Sheet No. 9.865)

- 23. Severability.** If any provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such provisions to persons or circumstances other than those as to which it is invalid or unenforceable, shall not be affected thereby, and each provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.
- 24. Survival.** The obligations of the Parties hereunder which by their nature survive the termination or expiration of the Agreement and/or the completion of the Service hereunder, shall survive and inure to the benefit of the Parties. Those provisions of this Agreement which provide for the limitation of or protection against liability shall apply to the full extent permitted by law and shall survive termination or expiration of this Agreement and/or completion of the Service.
- 25. Notices.** All notices, demands, offers, or other written communications required or permitted to be given pursuant to this Agreement shall be in writing signed by the Party giving such notice and, shall be either hand- delivered, sent via certified mail, return receipt requested and postage prepaid, or sent via overnight courier to such Party's address as set forth in the first paragraph of this Agreement and with respect to Company, sent to the attention of HVAC Services Program Administrator. Each Party shall have the right to change the place to which notices shall be sent or delivered or to specify additional addresses to which copies of notices may be sent, in either case by similar notice sent or delivered in like manner to the other Party.
- 26. Further Assurances.** Company and Customer each agree to do such other and further acts and things, and to execute and deliver such additional instruments and documents, as either Party may reasonably request from time to time whether at or after the execution of this Agreement, in furtherance of the express provisions of this Agreement.
- 27. Entire Agreement.** The Agreement constitutes the entire understanding between Company and the Customer relating to the subject matter hereof, superseding any prior or contemporaneous agreements, representations, warranties, promises or understandings between the Parties, whether oral, written, or implied, regarding the subject matter hereof.

IN WITNESS WHEREOF, the Parties hereby caused this Agreement to be executed by their duly authorized representatives, effective as of the Effective Date.

Customer Florida Power & Light Company

By: _____ By: _____
(Signature) (Signature of Authorized Representative)

(Print or Type Name) (Print or Type Name)

Date: _____ Title: _____

Date: _____

Customer

By: _____
(Signature)

(Print or Type Name)

Date: _____

INDEX OF RATE SCHEDULES

<u>RATE SCHEDULE</u>	<u>DESCRIPTION</u>	<u>SHEET NO.</u>
BA	Billing Adjustments	8.030
GS-1	General Service - Non Demand (0-24 kW)	8.101
GST-1	General Service - Non Demand - Time of Use (0-24 kW)	8.103
GSD-1	General Service Demand (25-499 kW)	8.105
GSD-1EV	Electric Vehicle Charging Infrastructure Rider Pilot	8.106
GSDT-1	General Service Demand - Time of Use (25-499 kW)	8.107
BOC	General Service Load Management Program	8.109
NSMR	Non-Standard Meter Rider	8.120
GSCU-1	General Service Constant Usage	8.122
RS-1	Residential Service	8.201
FLAT-1	Residential/Commercial Fixed Rate	8.202
RTR-1	Residential Time of Use Rider	8.203
CU	Common Use Facilities Rider	8.211
RS-1EV	Residential Electric Vehicle Charging Services Rider Pilot	8.213
ROC	Residential Load Management Program	8.217
HVAC	HVAC Services Rider	8.220
GSLD-1	General Service Large Demand (500-1999 kW)	8.310
GSLD-1EV	Electric Vehicle Charging Infrastructure Rider Pilot	8.311
GSLDT-1	General Service Large Demand - Time of Use (500-1999 kW)	8.320
CS-1	Curtable Service (500-1999 kW) (Closed Schedule)	8.330
CST-1	Curtable Service -Time of Use (500-1999 kW) (Closed Schedule)	8.340
GSLD-2	General Service Large Demand (2000 kW +)	8.412
GSLDT-2	General Service Large Demand - Time of Use (2000 kW +)	8.420
HLFT	High Load Factor – Time of Use	8.425
CS-2	Curtable Service (2000 kW +) (Closed Schedule)	8.432
CST-2	Curtable Service -Time of Use (2000 kW +) (Closed Schedule)	8.440
CST-3	Curtable Service -Time of Use (69 kV or above) (Closed Schedule)	8.542
CS-3	Curtable Service (69 kV or above) (Closed Schedule)	8.545
GSLD-3	General Service Large Demand (69 kV or above)	8.551
GSLDT-3	General Service Large Demand - Time of Use (69 kV or above)	8.552
OS-2	Sports Field Service (Closed Schedule)	8.602
MET	Metropolitan Transit Service	8.610
CILC-1	Commercial/Industrial Load Control Program (Closed Schedule)	8.650
CDR	Commercial/Industrial Demand Reduction Rider	8.680
CL	Curtable Load Limited Availability Experimental Rider (Closed Schedule)	8.686
SL-1	Street Lighting (Closed Schedule)	8.715
SL-1M	Street Lighting Metered Service	8.718
PL-1	Premium Lighting (Closed Schedule)	8.720
OL-1	Outdoor Lighting (Closed Schedule)	8.725
SL-2	Traffic Signal Service (Closed Schedule)	8.730
SL-2M	Traffic Signal Metered Service	8.731
LT-1	LED Lighting	8.735
OS I/II	Outdoor Service (Closed Schedule)	8.739
RL-1	Recreational Lighting (Closed Schedule)	8.743
SST-1	Standby and Supplemental Service	8.750
ISST-1	Interruptible Standby and Supplemental Service	8.760
EDR	Economic Development Rider	8.800

Issued by: Tiffany Cohen, VP Financial Planning and Rate Strategy

Effective:

RESIDENTIAL LOAD MANAGEMENT PROGRAM
 (RESIDENTIAL ON CALL® PROGRAM)

RATE SCHEDULE: ROC

AVAILABLE:

Available only within the geographic areas served by the Company's Load Management System.

APPLICATION:

To customers receiving service under Rate Schedule RS-1 or RS-1/2EV who elect to participate in this program and who utilize central electric air conditioning.

The following electric appliances are eligible: central air conditioners, central space heaters, conventional electric resistance water heaters (excludes tankless/instantaneous, solar, heat pump, and heat recovery unit water heaters), and swimming pool pumps. All new program participants as of October 31, 2020 must include central electric air conditioners. If the participant's system also has a central electric heater, this must also be included. Inclusion of water heaters and swimming pool pumps is optional. Prior program participants' appliance selections and eligibility requirements remain unchanged. Participants who exit the program and later rejoin will be subject to the participation requirements in effect at that time.

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

LIMITATION OF SERVICE:

The same as specified in Rate Schedule RS-1. Participant's premise must be occupied for at least 9 months of the year. The participant-selected electrical appliances shall be interrupted at the option of the Company by means of load management equipment installed at the participant's premise.

TERM OF SERVICE:

A participant may change: (i) their interruption option (from Cycle to Shed only); (ii) the selection of appliances; or (iii) discontinue service under this Rate Schedule by giving the Company seven (7) days advance notice. If the participant requests to have one or more appliances removed from participation in the program, such appliance(s) will be ineligible to re-participate again for one year (12 months) from the time participation ended.

MONTHLY BILL CREDIT:

Participants receiving service under this Rate Schedule will receive a Monthly Bill Credit as follows:

Appliance	Applicability	Monthly Bill Credit
Central Electric Air Conditioner	April – October	\$6.00
Central Electric Space Heater	November – March	\$2.75
Conventional Electric Water Heater	Year-Round	\$1.50
Swimming Pool Pump	Year-Round	\$1.50
Prior Participants Only (Cycling)		
- Central Electric Air Conditioner	April – October	\$3.00
- Central Electric Heater	November – March	\$2.00

The total Monthly Bill 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 leveled charges) and no credit will be applied to reduce the minimum bill specified on Rate Schedule RS-1.

(Continued on Sheet No. 8.218)

(Continued from Sheet No. 8.217)

INTERRUPTION SCHEDULE:

Appliance	Interruption Schedule
Central Electric Air Conditioner	Up to 180 minutes per day
Central Electric Space Heater	Up to 180 minutes per day
Convention Electric Water Heater	Up to 240 minutes per day
Swimming Pool Pump	Up to 240 minutes per day
Prior Participants Only (Cycling Only) - Central Electric Air Conditioner	15 minutes per 30-minute period / cumulative interruption up to 180 minutes per day. If unable to provide sufficient demand reduction to avert an emergency situation, may increase to 17.5 minutes per 30-minute period / cumulative interruption up to 210 minutes per day
- Central Electric Space Heater	15 minutes per 30-minute period / cumulative interruption up to 180 minutes per day

The limitations on interruptions shall not apply during emergencies on the Company's system or to interruptions that occur as a result of: (a) fuels shortages; (b) breakdown or damage to Company's generation, transmission, or distribution facilities; (c) repairs or changes in the Company generation, transmission, or distribution facilities; (d) ordinary negligence of the Company's employees, servants, or agents; or (e) any other act or omission or related injury that is directly or indirectly related to events of Force Majeure. The Company at its discretion may also perform interruptions for readiness testing purposes.

SPECIAL PROVISIONS

1. The Company shall not install load management equipment if the installation cannot 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. If a customer has multiple units of the same appliance type then at least two must be connected with load management equipment to qualify for the Monthly Bill Credit attributable to that appliance type. In such circumstances, only a single Monthly Bill Credit for that appliance type will be applied per premise.
4. Installation of the Company's load management equipment at the participant's premise is the sole responsibility of a licensed, independent contractor or Company representative. The participant 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. If the Company determines that the participant no longer uses one or more of the appliances signed up for the program, or the equipment is disconnected or not communicating, then the Company shall discontinue the associated Monthly Bill Credits and has the right, at the Company's sole discretion, to remove the associated load management equipment.
6. The participant is required to 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 participant's appliances as intended by this Rate Schedule. Failure to provide access will result in the removal of the affected appliances from the program or full participation termination until such access is granted.
7. If the Company determines that the effect of equipment interruptions has been offset by the participant's use of supplementary or alternative electrical equipment, then service under this Rate Schedule may be discontinued and the participant billed for all prior Monthly Bill Credits received under this Rate Schedule from an established date upon which supplementary or alternative electrical equipment was used. If such a date cannot be established, then rebilling shall be for the Monthly Bill Credits received by the participant for the lesser of the number of months receiving service under this Rate Schedule or the previous twelve (12) months. The participant will be ineligible to participate in the program for twelve (12) months from the time their participation was terminated.
8. If the Company determines that its load management equipment at the participant's premise has been rendered ineffective by mechanical, electrical or other devices, disconnection or other intentional actions ("tampering") by the participant, then the Company may discontinue their participation in the program and bill for all expenses involved in removal of the load management equipment, plus applicable investigative charges. The Company may rebill all prior Monthly Bill Credits received by the participant from an established tampering date. If such a date cannot be established, then rebilling of the Monthly Bill Credits shall be for the lesser of the number of months receiving service under this Rate Schedule or the previous twelve (12) months. If the Company terminates the participant, then they will be ineligible to participate in the program for twelve (12) months from the time their participation was terminated.
9. Participants in the HVAC Services Rider are subject to the Central Air Conditioner and Central Electric Space Heater Monthly Bill Credits and Interruption Schedule.

HVAC SERVICES RIDER
(OPTIONAL)

RATE SCHEDULE: HVAC

AVAILABLE:

In all areas served.

This optional rider ("Rider") is available on a voluntary basis to Customers who desire (1) the installation of Company owned, operated, and maintained HVAC equipment ("Equipment") that meets current energy efficiency codes and standards at the time of installation and (2) the receipt of billing credits for interruptible service consistent with this Rider and the Company's Residential On Call tariff (Tariff Nos. 8.217-8.218). The Rider is available to individually metered customers in owner-occupied residences receiving electric service under a rate schedule, where the customer's account is current and not on an active installment payment plan. To participate in the program, the property owner, must sign the Optional HVAC Services Agreement. Unless otherwise noted, terms of the Company's Residential On Call Program that apply to the HVAC Services Rider apply to participants of this Rider.

APPLICATION:

Service is provided through the installation of Equipment by the Company at the Customer's premise, the purpose of which is to meet the Customer's requested scope of service. To meet the service need identified by the Customer, the Company will conduct an evaluation of Customer requirements and of potential solutions. The Company and the Customer may thereafter execute a Residential HVAC Services Agreement ("Agreement") using the form of agreement approved by the Commission, which must include a description of the Equipment to be installed, the service to be performed, and the monthly charge for the service. Upon receipt of the proposed Agreement from Company, the Customer shall have no more than seven (7) days to execute the Agreement. After seven (7) days, the proposed Agreement shall be considered expired, unless extended in writing by the Company.

LIMITATION OF SERVICE:

Installation of the Equipment shall be made only when, in the judgment of the Company, the location and the type of the Equipment are, and will continue to be economical, accessible, and viable. Service shall be limited to Customers with no delinquent balances with the Company. The Company will own, operate, and maintain the Equipment for the term of the Agreement subject to the terms of the Agreement.

Services shall be limited to provision through new Equipment. By participation in this Rider, Customer agrees to allow the Company to interrupt Equipment as outlined in the Interruption Schedule of the Residential On Call Program and receive a credit for such authorization as described in the Monthly Service Payment section below.

TERM OF SERVICE:

The term of service will be specific to each HVAC Services Agreement.

MONTHLY SERVICE PAYMENT:

The Company will design, procure, install, own, operate, and maintain all Equipment included in the determination of the Monthly Service Payment. The Monthly Service Payment under this Rider is in addition to the monthly billing determined under the Customer's otherwise applicable rate schedule and any other applicable charges, and shall be calculated based on the following formula:

Monthly Service Payment = Capital Cost + Expenses

(Continue on Sheet No. 8.221)

(Continue from Sheet No. 8.220)

In the reasonable discretion of Company, Company may (i) apply the net present value of the monthly credits available under the Company's Residential On Call Program for the Equipment as (a) a credit against the initial monthly fees of this program, or (b) an up-front credit, or (ii) utilize the monthly HVAC Services Rider credit available under the Company's Residential On Call Program as an offset against the monthly fees of this program.

WHERE:

Capital Cost shall be levelized over the term of service based upon the estimated installed cost of Equipment times a carrying cost. The carrying cost is the cost of capital, reflecting current capital structure and most recent FPSC-approved return on common equity.

Replacement cost(s) from normal wear and tear incurred during the term of Service will also be included. Any equipment installed by the Company that is not necessary to support the Equipment shall not be included in the Monthly Service Payment.

The Monthly Service Payment(s) may be adjusted, by agreement of both the Customer and the Company, to reflect the Customer's request for modifications to the Service and Equipment specified in the HVAC Services Agreement. Modifications include, but are not limited to, Equipment modifications necessitated by changes in the character of service required by the Customer, requests by the Customer for supplemental Equipment or services, or changes or increases in the Customer's facilities which will materially affect the operation of the Company's Equipment.

PROVISIONS FOR EARLY TERMINATION:

Customer has the right to terminate the Agreement for its convenience upon written notice to the Company at least ninety (90) days prior notice. Termination fees will be assessed in accordance with the HVAC Services Agreement.

RULES AND REGULATIONS:

Service under this Rider is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this Rider and said, "General Rules and Regulations for Electric Service", the provision of this Rider shall apply.

(Continued from Sheet No. 9.010)

	<u>Sheet No.</u>
Underground Distribution Facilities Installation Agreement	9.700
Underground Road/Pavement Crossing Agreement	9.715
Underground Facilities Conversion Agreement	9.720
Long-Term Rental Agree for Distribution Substation Facilities	9.730
Facilities Rental Service Agreement	9.750
Electric Service and Meter Socket Requirements	9.760
Easement (Individual)	9.770
Underground Easement (Individual)	9.773
Easement (Business)	9.775
Underground Easement (Business)	9.778
Momentary Parallel Operation Interconnection Agreement	9.780
Interconnection Agreement For Qualifying Facilities	9.800
Optional Residential Smart Panel Equipment Agreement	9.806
Residential Optional Supplemental Power Services Agreement	9.811
Non-Residential Optional Supplemental Power Services Agreement	9.820
Commercial Electric Vehicle Charging Services Agreement	9.833
Optional Residential Electric Vehicle Charging Agreement	9.843
Solar Power Facilities Service Agreement	9.849
Optional HVAC Services Agreement	9.858
Existing Facility Economic Development Rider Service Agreement	9.870
Standby and Supplemental Service Agreement	9.910
Interruptible Standby and Supplemental Service Agreement	9.920
Medically Essential Service	9.930
Medically Essential Service Notice of Exclusion from Disclosure	9.932
Performance Guaranty Agreement	9.946
Performance Guaranty Agreement for Incremental Capacity	9.950

OPTIONAL HVAC SERVICES AGREEMENT

THIS Optional HVAC Services Agreement (“Agreement”) is made and entered into this _____ day of _____, 20__ by and between _____, having a primary residence located at _____ (hereafter, the “Customer”) and Florida Power & Light Company, a Florida corporation, having offices at 700 Universe Boulevard, Juno Beach, Florida 33408 (hereafter “Company”)(each a “Party” and collectively the “Parties”). The Service (as defined in the paragraph below) provided under this Agreement is subject to the Rules and Orders of the Florida Public Service Commission (“FPSC”) and to Company’s Electric Tariff, including, but not limited to the Optional HVAC Services Rider Rate Schedule, as approved or subsequently revised by the FPSC (hereafter the “Rider”) and the Company’s General Rules and Regulations for Electric Service as they are now written, or as they may be hereafter revised, amended or supplemented (collectively, hereafter referred to as the “Electric Tariff”). In case of conflict between any provision of this Agreement and the Electric Tariff, this Agreement shall control. Capitalized terms not defined herein shall have the meaning set forth in the Electric Tariff.

WHEREAS, the Customer hereby applies to Company for receipt of service, as more specifically described in a Statement of Work (“SOW”), for the purpose of providing installation, maintenance and operating control (as described in the Company’s Residential On Call Program) of HVAC equipment (collectively, the “Service”) at the Customer residential property located at _____ (hereafter the “Residential Property”). Customer’s participation in the Company’s Residential On Call Program is a condition precedent to this Agreement.

NOW THEREFORE, in consideration of their mutual promises and undertakings, the Parties agree to the following terms and conditions in this Agreement:

1. **Effective Date.** This Agreement shall become effective upon the acceptance hereof by Company (“Effective Date”), evidenced by the signature of Company’s authorized representative appearing below, which, together with the Electric Tariff and the SOW, shall constitute the entire agreement between the Customer and Company with respect to provision of the Service.
2. **Term of Agreement.** The term of this Agreement will commence on the Effective Date and will continue for a term of [10, 12, or 15] years following the Residential Operation Date as defined in Section 4(a) below (the “Term”).
3. **Scope of Services.** Company, through its authorized contractors, will design, procure, install, own, operate, and provide maintenance to all HVAC equipment (“Equipment”) to furnish the Service as more specifically described in the SOW. Customer acknowledges and agrees that (i) the Equipment will be removable and will not be a fixture or otherwise part of the Residential Property, (ii) Company will own the Equipment, and (iii) Customer has no ownership interest in the Equipment. For the avoidance of doubt, it is the Parties’ intent that this Agreement (i) is for the Company’s provision of Services to Customer using Company’s Equipment, and (ii) is not a lease of the Equipment by Company to Customer.
4. **Design and Installation.** Company, through its authorized contractors, will design, procure, and install the Equipment pursuant to the requirements of the SOW.
 - (a) **Residential Operation.** Upon completion of the installation of the applicable Equipment in accordance with the requirements of the SOW, Company shall deliver to Customer a notice that the Equipment is ready for operation, with the date of such notice being the “Residential Operation Date”.
 - (b) **Commencement of Monthly Service Payment Upon Residential Operation Date.** Customer’s obligation to pay the applicable Customer’s monthly Service payment, plus applicable taxes due from Customer pursuant to Section 6 (Customer Payments), shall begin on the Residential Operation Date and shall be due and payable by Customer pursuant to the Company’s General Rules and Regulations for Electric Service.
5. **Equipment Maintenance; Alterations.** During the Term, Company shall provide maintenance to the applicable Equipment in accordance with generally accepted industry practices. Customer shall promptly notify Company when Customer has knowledge of any operational issues or damage related to the Equipment. Company shall inspect and repair Equipment that is not properly operating within the timelines agreed upon in the SOW. Company will invoice Customer for repairs that are the Customer’s financial responsibility under

(Continued on Sheet No. 9.859)

(Continued from Sheet No. 9.858)

Section 12(c), due and payable by Customer within thirty (30) days of the date of such invoice. The Customer shall not move, modify, remove, adjust, alter, or change in any material way the Equipment, or any part thereof, during the term of the Agreement, except in the event of an occurrence reasonably deemed by the Customer or Company to constitute a bona fide emergency. All replacements of, and alterations or additions to, the Equipment shall become part of the Equipment. In the event of a breach of this Section 5 by Customer, Company may, at its option and sole discretion, restore Equipment to its original condition at Customer's sole cost and expense.

6. Customer Payments.

- (a) Fees. The Customer's monthly Service payment shall be in the amount set forth in the SOW ("Monthly Service Payment"). Applicable taxes will also be included in or added to the Monthly Service Payment.
 - (b) Late Payment. Charges for Services due and rendered which are unpaid as of the past due date are subject to a Late Payment Charge of the greater of \$5.00 or 1.5% applied to any past due unpaid balance of all accounts. Further, if the Customer fails to make any undisputed payment owed the Company hereunder within five (5) business days of receiving written notice from the Company that such payment is past due, Company may cease to supply Service under this Agreement until the Customer has paid the bills due. It is understood, however, that discontinuance of Service pursuant to the preceding sentence shall not constitute a breach of this Agreement by Company, nor shall it relieve the Customer of the obligation to comply with all payment obligations under this Agreement.
 - (c) HVAC Services Credits. At the request of the Customer, Company may at its discretion either (i) apply the net present value of the monthly credits available under the Company's Residential On Call Program for the Equipment as (a) a credit against the initial monthly fees of this Agreement, or (b) an up-front credit, or (ii) utilize the monthly credits available under the Company's Residential On Call Program as an offset against the monthly fees of this Agreement. The application of the credits will be reflected in the applicable SOW.
- 7. Customer Credit Requirements.** In the reasonable discretion of Company to assure Customer payment of Monthly Service Payments, Company may request and Customer will be required to provide cash security, a surety bond, or a bank letter of credit, in an amount as set forth in the SOW, prior to Company's procurement or installation of Equipment. Each Customer that provides a surety bond or a bank letter of credit must enter into the agreement(s) set forth in Sheet No. 9.440 of the Company's Electric Tariff for the surety bond and Sheet Nos. 9.430 and 9.435 of the Company's Electric Tariff for the bank letter of credit. Failure to provide the requested security in the manner set forth above within ninety (90) days of the date of this Agreement shall be a material breach of this Agreement unless such 90-day period is extended in writing by Company. Upon the end of the Term and after Company has received final payment for all bills, including any applicable Termination Fee pursuant to Section 13(a), for Service incurred under this Agreement, any cash security held by the Company under this Agreement will be refunded, and the obligors on any surety bond or letter of credit will be released from their obligations to the Company.
- 8. Right of Access.** Customer hereby grants Company an access easement on the Residential Property sufficient to allow Company, in Company's sole discretion, to (i) laydown and stage the Equipment, tools, materials, other equipment and rigging and to park construction crew vehicles in connection with the installation or removal of the Equipment, (ii) inspect and provide maintenance to the Equipment; or (iii) provide any other service contemplated or necessary to perform under this Agreement. Furthermore, if any event creates an imminent risk of damage or injury to the Equipment, any person or person's property, Customer grants Company immediate unlimited access to the Residential Property to take such action as Company deems appropriate to prevent such damage or injury (collectively "Access").
- 9. Company Interruption, Operation and Testing of Equipment.** The Company shall have the right to interrupt the operation of the Equipment pursuant to the Company's Residential On Call Program. The Company shall also have the right to manually and/or remotely control the Equipment for purposes of fulfilling its obligations under this Agreement.

(Continue on Sheet No. 9.860)

(Continued from Sheet No. 9.859)

10. **Customer Responsibilities.** Company shall be entitled to rely on the accuracy and completeness of any information provided by the Customer related to the Residential Property. The Customer shall be obligated, at its sole expense, to keep the Residential Property free and clear of anything that may (i) impair the maintenance or removal of Equipment, (ii) impair the Company's operation of the Equipment pursuant to Section 9, or (iii) cause damage to the Equipment.
11. **Permits and Regulatory Requirements.** Company shall be responsible for obtaining and for compliance with any license or permit required to enable it to provide the Service. Customer agrees to cooperate with Company and to assist Company in obtaining and closing any required permit.
12. **Title and Risk of Loss.**
- (a) **Title.** The Customer agrees that Equipment installed at the Residential Property is and will remain the sole property of Company unless and until such time as the Customer satisfies its obligations under the Agreement through the end of its term or exercises any purchase option set forth in the Agreement and pays such applicable purchase price to Company. Company reserves the right to modify or upgrade Equipment as Company deems necessary, in its sole discretion, for the continued supply of the Service. Any modifications, upgrades, alterations, additions to the Equipment, or replacement of the Equipment shall become part of the Equipment and shall be subject to the ownership provisions of this Section 12(a). The Parties agree that the Equipment is personal property of Company and not a fixture to the Residential Property and shall retain the legal status of personal property as defined under the applicable provisions of the Uniform Commercial Code. With respect to the Equipment, and to preserve the Company's title to, and rights in the Equipment, Company may file one or more precautionary UCC financing statements or fixture filings, as applicable, in such jurisdictions as Company deems appropriate. Furthermore, the Parties agree that Company has the right to record notice of its ownership rights in the Equipment in the public records of the county of the Residential Property.
- (b) **Liens.** Customer shall keep the Equipment free from any liens by third parties. Customer shall provide timely notice of Company's title and ownership of the Equipment to all persons that may come to have an interest in or lien upon the Residential Property.
- (c) **Risk of Loss to Equipment (Customer Responsibility).** **CUSTOMER SHALL BEAR ALL RISK OF LOSS OR DAMAGE OF ANY KIND WITH RESPECT TO ALL OR ANY PART OF THE EQUIPMENT LOCATED AT THE RESIDENTIAL PROPERTY TO THE EXTENT SUCH LOSS OR DAMAGE IS CAUSED BY THE ACTIONS, NEGLIGENCE, WILLFUL MISCONDUCT OR GROSS NEGLIGENCE OF CUSTOMER, ITS CONTRACTORS, AGENTS, INVITEES AND/OR GUESTS (COLLECTIVELY A "CUSTOMER CASUALTY").**
- (d) **Risk of Loss to Equipment.** In the event the Equipment is damaged and is not a Customer Casualty, the Company will repair or replace the Equipment at Company's cost, or, in the event that Equipment is so severely damaged or has such a severe failure that substantial replacement is necessary, the Company may in its sole discretion either (i) terminate this Agreement for its convenience upon written notice to Customer, provided that Company will have the right to remove the Equipment at its cost within a reasonable period of time, and Customer will be obligated to pay any outstanding Monthly Service Payments and applicable taxes for Service provided to Customer up to and through the date the Equipment was damaged, or (ii) mutually agree with Customer to replace the Equipment and (a) adjust the Monthly Service Payments to reflect the new in-place cost of the Equipment less the in-place cost of the replaced Equipment and/or (b) extend the Term of the Agreement to enable Company to recover the capital cost of the replacement Equipment.

(Continue on Sheet No. 9.861)

(Continued from Sheet No. 9.860)

For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. In the event the Equipment is damaged and is a Customer Casualty, the Company will repair or replace the Equipment at Customer's cost, or, in the event that Equipment is so severely damaged or has such a severe failure that substantial replacement is necessary, the Company may terminate this Agreement for its convenience upon written notice to Customer and Customer shall be responsible for paying the Termination Fee as more fully described in Section 13(a).

13. Expiration or Termination of Agreement.

- (a) **Early Termination for Convenience by Customer.** Subject to the obligation of Customer to pay Company the Termination Fee (as defined below), the Customer has the right to terminate this Agreement for its convenience upon written notice to Company at least ninety (90) days prior to the effective date of termination. The "Termination Fee" will be an amount equal to (i) any outstanding Monthly Service Payments and applicable taxes for Service provided to Customer prior to the effective date of termination, plus (ii) any unrecovered maintenance costs expended by Company prior to the effective date of termination, plus (iii) the unrecovered capital costs of the Equipment (including the recovery of the amount Customer would have paid had Company not levelized the Monthly Service Payments during the Term) less any salvage value of Equipment removed by Company, plus (iv) any removal cost of any Equipment, plus (v) any advance payment of HVAC Services Credits by Company to Customer under the Company's Residential On Call Program, plus (vi) the cost of removal of the Fixture Filing (as defined in Section 20), minus (vii) any payment security amounts recovered by the Company under Section 7 (Customer Credit Requirements). For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. Company will invoice Customer the Termination Fee, due and payable by Customer within thirty (30) days of the date of such invoice. Company's invoice may include an estimated salvage value of Equipment removed by Company. Company retains the right to invoice Customer based upon actual salvage value within one-hundred eighty (180) days of the date of Company's removal of Equipment. In lieu of the credit for any salvage value of the Equipment pursuant to subsection (iii) above or the charge for removal costs pursuant to subsection (iv) above, Customer may elect to take title to the Equipment upon full payment of the balance of the Termination Fee plus any applicable taxes.
- (b) **Early Termination by Company for Convenience or by Company Due to Change in Law.** The Company has the right to terminate this Agreement for its convenience upon written notice to Customer at least ninety (90) days prior to the effective date of termination, or, in whole or in part, immediately upon written notice to Customer as a result of FPSC actions or change in applicable laws, rules, regulations, ordinances or applicable permits of any federal, state or local authority, or of any agency thereof, that have the effect of terminating, limiting or otherwise prohibiting Company's ability to provide the Service. Upon a termination for convenience by Company pursuant to this Section 13(b), Customer must choose to either: (i) Purchase the Equipment upon payment of the Termination Fee as defined in Section 13(a) plus applicable taxes, but not including a credit for any salvage value of the Equipment or charge for removal costs; or (ii) Request that Company remove the Equipment, at Company's sole cost, within a reasonable time period, provided that, for the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election.

(Continue on Sheet No. 9.862)

(Continue from Sheet No. 9.861)

If Customer and Company cannot reach agreement as to the transfer price of the Equipment within ninety (90) days of Company's notice of termination for convenience, Customer shall be deemed to have elected the request for Company to remove the Equipment. Notwithstanding anything to the contrary above, upon FPSC actions or change in applicable laws, rules, regulations, ordinances or applicable permits of any federal, state or local authority, or of any agency thereof, that have the effect of terminating, limiting or otherwise prohibiting Company's ability to provide the Service, Company will use commercially reasonable efforts to assign its rights and obligations under this Agreement to a third party pursuant to Section 20.

- (c) **Early Termination of Agreement for Cause**. In addition to any other termination rights expressly set forth in this Agreement, Company and Customer, as applicable, may terminate this Agreement for cause upon any of the following events of default (each an "Event of Default"): (i) Customer fails to timely pay the Monthly Service Payment and fails to cure such deficiency within five (5) business days of written notice from the Company; (ii) Company materially breaches its obligations under the Agreement and such failure is not cured within thirty (30) days after written notice thereof by Customer; (iii) Customer fails to perform or observe any other covenant, term or condition under the Agreement and such failure is not cured within thirty (30) days after written notice thereof by Company; (iv) Subject to Section 20, Customer sells, transfers or otherwise disposes of the Residential Property; (v) Customer enters into any voluntary or involuntary bankruptcy or other insolvency or receivership proceeding, or makes an assignment for the benefit of creditors; (vi) any representation or warranty made by Customer or otherwise furnished to Company in connection with the Agreement shall prove at any time to have been untrue or misleading in any material respect; (vii) Customer removes or allows a third party to remove, any portion of the Equipment from the Residential Property; or (viii) Customer discontinues its participation in the Company's Residential On Call Program.
- i. Upon a termination for cause by Company, the Company shall have the right to access and remove the Equipment, and Customer shall be responsible for paying the Termination Fee as more fully described in Section 13(a). For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. Additionally, the Customer shall be liable to Company for any attorney's fees or other costs incurred in collection of the Termination Fee. In the event that Company and a purchaser of the Residential Property (who has not assumed the Agreement pursuant to Section 20) agree upon a purchase price of the Equipment, such purchase price shall be credited against the Termination Fee owed by Customer.
 - ii. Upon a termination for cause by Customer, Customer must choose to either (i) pursue the purchase option pursuant to Section 13(e), or (ii) request that Company remove the Equipment, at Company's sole cost, within a reasonable time period, and pay no Termination Fee; provided that, for the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election.
- (d) **Expiration of Agreement**. At least ninety (90) days prior to the end of the Term, Customer shall provide Company with written notice of an election of one of the three following options: (i) to take title of the Equipment if Customer has made all payments required under this Agreement (ii) to renew the Term of this Agreement, subject to modifications to be agreed to by Company and the Customer, for a period and price to be agreed upon between Company and the Customer,; (iii) to purchase the Equipment by payment of the purchase option price set forth in Section 13(e) if Customer has not made all payments required in the Agreement, or (iv) to request that Company remove the Equipment and for Customer to pay Company the Termination Fee.

(Continue on Sheet No. 9.863)

(Continue from Sheet No. 9.862)

In the event that Customer fails to make a timely election, Customer shall be deemed to have elected the request for Company to remove the Equipment and for Customer to pay the Termination Fee. For the avoidance of doubt, Company has the right, but not the obligation, to access and remove any and all Equipment, at its sole discretion. Title to Equipment that Company elects not to remove shall transfer to Customer upon written notice by Company to Customer of such an election. If options (i) or (ii) is selected by Customer but the Parties have failed to reach agreement as to the terms of the applicable option by the expiration of the then current Term, the Agreement will auto-renew on a month-to-month basis until (A) the date on which the Parties reach agreement and finalize the option, or (B) the date Customer provides written notice to Company to change its election to option (iii) above.

- (e) **Customer Purchase Option.** Pursuant to a purchase option under Section 13(c), Section 13(d), or Section 20, the Customer may elect to purchase and take title to the Equipment upon payment of the Termination Fee as defined in Section 13(a) plus applicable taxes but not including a credit for any salvage value of the Equipment or charge for removal costs. Company will invoice Customer the purchase option price within thirty (30) days of Customer's election of the purchase option, due and payable by Customer within thirty (30) days of the date of such invoice.

14. Warranty and Representations.

- (a) Company's Disclaimer of Express and/or Implied Warranties. **CUSTOMER ACKNOWLEDGES AND AGREES THAT COMPANY HAS NOT MADE, DOES NOT MAKE AND SPECIFICALLY NEGATES AND DISCLAIMS ANY REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS OR GUARANTEES OF ANY KIND OR CHARACTER WHATSOEVER, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, PAST, PRESENT OR FUTURE, OF, AS TO, CONCERNING, OR WITH RESPECT TO THE COMPANY'S OBLIGATIONS, SERVICES AND/OR THE EQUIPMENT. CUSTOMER ACKNOWLEDGES THAT THERE IS NO WARRANTY IMPLIED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THE IMPLIED WARRANTY OF CUSTOM OR USAGE. CUSTOMER FURTHER ACKNOWLEDGES IN NO EVENT DOES COMPANY WARRANT AND/OR GUARANTY TO THE CUSTOMER THAT THE ELECTRICAL SERVICES TO THE RESIDENTIAL PROPERTY WILL BE UNINTERRUPTED OR THAT THE INSTALLATION OF THE EQUIPMENT AND PROVISION OF SERVICES PROVIDED HEREUNDER WILL AVERT OR PREVENT THE INTERRUPTION OF ELECTRIC SERVICES.**
- (b) Customer Representations and Warranties. The Customer represents and warrants that (i) the Residential Property at which Company's Equipment is to be located is suitable for the location of such Equipment; (ii) the placing of such Equipment at such Residential Property will comply with all laws, rules, regulations, ordinances, zoning requirements, or any other federal, state, and local governmental requirements applicable to Customer; (iii) all information provided by the Customer related to the Residential Property is accurate and complete; and (iv) Customer holds sole and exclusive title to the Residential Property or has the sole and exclusive right of possession of the Residential Property for the Term.

15. LIMITATIONS OF LIABILITY.

- (a) **IT IS UNDERSTOOD AND ACKNOWLEDGED BY CUSTOMER THAT COMPANY IS NOT AN INSURER OF LOSSES OR DAMAGES THAT MIGHT ARISE OR RESULT FROM THE EQUIPMENT NOT OPERATING AS EXPECTED. BY SIGNING THIS AGREEMENT, CUSTOMER ACKNOWLEDGES AND AGREES THAT COMPANY SHALL NOT BE LIABLE TO THE CUSTOMER FOR COMPLETE OR PARTIAL INTERRUPTION OF SERVICE, RESULTING FROM CAUSES BEYOND ITS CONTROL OR THROUGH THE ORDINARY NEGLIGENCE OF ITS EMPLOYEES, SERVANTS OR AGENTS.**

(Continue on Sheet No. 9.864)

(Continued from Sheet No. 9.863)

- (b) **SUBJECT TO SECTION 15(c), NEITHER COMPANY NOR CUSTOMER SHALL BE LIABLE TO THE OTHER FOR CONSEQUENTIAL, SPECIAL, EXEMPLARY, INDIRECT, OR INCIDENTAL LOSSES OR PUNITIVE DAMAGES UNDER THE AGREEMENT, INCLUDING LOSS OF USE, COST OF CAPITAL, LOSS OF GOODWILL, LOST REVENUES, OR LOSS OF PROFIT, AND COMPANY AND CUSTOMER EACH HEREBY RELEASES THE OTHER FROM ANY SUCH LIABILITY.**
- (c) **THE LIMITATIONS OF LIABILITY UNDER SECTION 15(a) AND SECTION 15(b) ABOVE SHALL NOT BE CONSTRUED TO LIMIT ANY INDEMNITY OR DEFENSE OBLIGATION OF CUSTOMER UNDER SECTION 18(c). Customer's initials below indicate that Customer has read, understood and voluntarily accepted the terms and provisions set forth in Section 15.**
16. **Force Majeure.** Force Majeure is defined as an event or circumstance that is not reasonably foreseeable, is beyond the reasonable control of and is not caused by the negligence or lack of due diligence of the affected Party or its contractors or suppliers. Such events or circumstances may include, but are not limited to, actions or inactions of civil or military authority (including courts and governmental or administrative agencies), acts of God, war, riot or insurrection, blockades, embargoes, sabotage, epidemics, explosions and fires not originating in the Residential Property or caused by its operation, hurricanes, floods, strikes, lockouts or other labor disputes or difficulties (not caused by the failure of the affected Party to comply with the terms of a collective bargaining agreement). If a Party is prevented or delayed in the performance of any such obligation by a Force Majeure event, such Party shall provide notice to the other Party of the circumstances preventing or delaying performance and the expected duration thereof. The Party so affected by a Force Majeure event shall endeavor, to the extent reasonable, to remove the obstacles which prevent performance and shall resume performance of its obligations as soon as reasonably practicable. Provided that the requirements of this Section 16 are satisfied by the affected Party, to the extent that performance of any obligation(s) is prevented or delayed by a Force Majeure event, the obligation(s) of the affected Party that is obstructed or delayed shall be extended by the time period equal to the duration of the Force Majeure event. Notwithstanding the foregoing, the occurrence of a Force Majeure event shall not relieve Customer of payment obligations under this Agreement.
17. **Confidentiality.** "Confidential Information" shall mean all nonpublic information, regardless of the form in which it is communicated or maintained (whether oral, written, electronic, or visual) and whether prepared by Company or otherwise, which is disclosed to Customer. Confidential Information shall not be used for any purpose other than for purposes of this Agreement and shall not be disclosed without the prior written consent of Company.
18. **Insurance and Indemnity.**
- (a) **Insurance to Be Maintained by the Company.** At any time that the Company is performing Services under this Agreement at the Customer Residential Property, the Company shall, maintain, at its sole cost and expense, liability insurance as required by law, including workers' compensation insurance mandated by the applicable laws of the State of Florida. Company may meet the above required insurance coverage with any combination of primary, excess, or self-insurance.
- (b) **Insurance to Be Maintained by the Customer.** During and throughout the Term of this Agreement and until all amounts payable to the Company pursuant to this Agreement are paid in full, the Customer shall maintain a homeowner's insurance policy with minimum liability coverage of Three Hundred Thousand (\$300,000.00) Dollars.

(Continue on Sheet No. 9.865)

(Continued from Sheet No. 9.864)

- (c) **Indemnity.** The Customer shall indemnify, hold harmless, and defend Company from and against any and all liability, proceedings, suits, cost, or expense for loss, damage, or injury to persons or property (“Losses”) to the extent arising out of, connected with, relating to or in any manner directly or indirectly connected with this Agreement; provided, that nothing herein shall require Customer to indemnify Company for Losses caused by Company’s own negligence, gross negligence, or willful misconduct. The provisions of this paragraph shall survive termination or expiration of this Agreement.
19. **Non-Waiver.** The failure of either Party to insist upon the performance of any term or condition of this Agreement or to exercise any right hereunder on one or more occasions shall not constitute a waiver or relinquishment of its right to demand future performance of such term or condition, or to exercise such right in the future.
20. **Assignment.** Neither this Agreement, nor the Service, nor any duty, interest or rights hereunder shall be subcontracted, assigned, transferred, delegated, or otherwise disposed of by Customer without Company’s prior written approval. Customer will provide written notice to Company of a prospective sale of the real property upon which the Equipment is installed, at least thirty (30) days prior to the sale of such property. In the event of the sale of the real property upon which the Equipment is installed, subject to the obligations of this Agreement including Section 7 (Customer Credit Requirements), the Customer has the option to purchase the Equipment pursuant to Section 13(e), or this Agreement may be assigned by the Customer to the purchaser if such obligations have been assumed by the purchaser and agreed to by the Customer and the Company in writing. This Agreement shall inure to the benefit of, and be binding upon the successors and assigns of the Customer and Company. This Agreement is free of any restrictions that would prevent the Customer from freely transferring the Residential Property. Company will not prohibit the sale, conveyance, or refinancing of the Residential Property. Company may choose to file in the real estate records one or more precautionary UCC financing statements or fixture filings (collectively “Fixture Filing”) that preserves their rights in the Equipment. The Fixture Filing is intended only to give notice of its rights relating to the Equipment and is not a lien or encumbrance against the Residential Property. Company shall explain the Fixture Filing to any subsequent purchasers of the Residential Property and any related lenders as requested. Company may assign its rights and obligations under this Agreement as allowed by applicable law upon written notice to Customer.
21. **Dispute Resolution, Governing Law, Venue and Waiver of Jury Trial.** This Agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Florida, exclusive of conflicts of laws provisions. Each Party agrees not to commence or file any formal proceedings against the other Party related to any dispute under this Agreement for at least forty-five (45) days after notifying the other Party in writing of the dispute. A court of competent jurisdiction in the Circuit Court for Palm Beach County, Florida or the United States District Court for the Southern District of Florida only, as may be applicable under controlling law, shall decide any unresolved claim or other matter in question between the Parties to this Agreement arising out of or related in any way to this Agreement, with such court having sole and exclusive jurisdiction over any such matters. EACH OF THE PARTIES HEREBY KNOWINGLY, VOLUNTARILY, AND INTENTIONALLY WAIVES ANY RIGHTS THAT MIGHT EXIST TO HAVE A TRIAL BY JURY WITH RESPECT TO ANY LITIGATION BASED UPON, RELATING TO, ARISING OUT OF, UNDER OR IN ANY WAY CONNECTED WITH THIS AGREEMENT, OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENTS (WHETHER ORAL OR WRITTEN), OR ACTIONS OF EITHER PARTY HERETO. THIS PROVISION IS A MATERIAL INDUCEMENT FOR THE PARTIES ENTERING INTO THIS AGREEMENT.
22. **Modification.** No statements or agreements, oral or written, made prior to the date hereof, shall vary or modify the written terms set forth herein and neither Party shall claim any amendment, modification, or release from any provision hereof by reason of a course of action or mutual agreement unless such agreement is in writing, signed by both Parties and specifically states it is an amendment to this Agreement.

(Continue on Sheet No. 9.866)

(Continued from Sheet No. 9.865)

- 23. **Severability.** If any provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such provisions to persons or circumstances other than those as to which it is invalid or unenforceable, shall not be affected thereby, and each provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.
- 24. **Survival.** The obligations of the Parties hereunder which by their nature survive the termination or expiration of the Agreement and/or the completion of the Service hereunder, shall survive and inure to the benefit of the Parties. Those provisions of this Agreement which provide for the limitation of or protection against liability shall apply to the full extent permitted by law and shall survive termination or expiration of this Agreement and/or completion of the Service.
- 25. **Notices.** All notices, demands, offers, or other written communications required or permitted to be given pursuant to this Agreement shall be in writing signed by the Party giving such notice and, shall be either hand- delivered, sent via certified mail, return receipt requested and postage prepaid, or sent via overnight courier to such Party's address as set forth in the first paragraph of this Agreement and with respect to Company, sent to the attention of HVAC Services Program Administrator. Each Party shall have the right to change the place to which notices shall be sent or delivered or to specify additional addresses to which copies of notices may be sent, in either case by similar notice sent or delivered in like manner to the other Party.
- 26. **Further Assurances.** Company and Customer each agree to do such other and further acts and things, and to execute and deliver such additional instruments and documents, as either Party may reasonably request from time to time whether at or after the execution of this Agreement, in furtherance of the express provisions of this Agreement.
- 27. **Entire Agreement.** The Agreement constitutes the entire understanding between Company and the Customer relating to the subject matter hereof, superseding any prior or contemporaneous agreements, representations, warranties, promises or understandings between the Parties, whether oral, written, or implied, regarding the subject matter hereof.

IN WITNESS WHEREOF, the Parties hereby caused this Agreement to be executed by their duly authorized representatives, effective as of the Effective Date.

Customer

Florida Power & Light Company

By: _____
(Signature)

By: _____
(Signature of Authorized Representative)

(Print or Type Name)

(Print or Type Name)

Date: _____

Title: _____

Date: _____

Customer

By: _____
(Signature)

(Print or Type Name)

Date: _____