



February 21, 2025

VIA ELECTRONIC FILING

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

Re: Dkt. 20240163-EG – Petition for approval of proposed demand-side management plan and demand-side management program standards, by Tampa Electric Company

Dear Mr. Teitzman:

Attached for filing on behalf of Tampa Electric Company is the company's updated revised answer to Staff's First Data Request (No. 4).

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml
Attachment

cc: Jacob Imig, FPSC
Saad Farooqi, FPSC
Orlando Wooten, Engineering Specialist, FPSC
TECO Regulatory

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO. 4
BATES PAGE(S): 94 - 116
FILED: FEBRUARY 6, 2025
REVISED: FEBRUARY 19, 2025
UPDATED: FEBRUARY 21, 2025**

4. Please provide a comparison between the cost-effectiveness inputs used in the Company's DSM Plan and those used by the Company in Docket 20240014-EG. If there are any changes, provide an explanation for each change.
 - a. Provide a comparison between the cost-effectiveness results for the RIM and PCT of each proposed DSM program and the program used by the Company in Docket 20240014-EG.
- A.
 - a. Tampa Electric is revising its response to include the TRC results in addition to the RIM and PCT results. The file also contains the cost-effectiveness calculations.

Additionally, there are no changes to the cost effectiveness inputs used between Tampa Electric's DSM Plan and those used in Docket No. 20240014-EG with the exception of the Neighborhood Weatherization participation that was increased to 8,000 in paragraph 4 of Order PSC-2024-0430-FOF-EG. The results provided below are unchanged from what was proposed. There is a correction included from the previous data request 4A response to Neighborhood Weatherization where the RIM and TRC values were transposed.

Comparison Between Cost-Effectiveness Scores of Proposed DSM Programs						
Program	Goals RIM	Goals PCT	Goals TRC	Plan RIM	Plan PCT	Plan TRC
Residential Walk-Through Audit (Free Energy Check)		Cost-effectiveness not performed			Cost-effectiveness not performed	
Residential Customer Assisted Energy Audit (Online)		Cost-effectiveness not performed			Cost-effectiveness not performed	
Residential Computer Assisted Energy Audit (RCS)(Paid)		Cost-effectiveness not performed			Cost-effectiveness not performed	
Residential Ceiling Insulation	1.05	356	1.12	1.05	356	1.12
Residential Duct Repair	1.08	1,281	1.60	1.08	1,281	1.60
Energy and Renewable Education, Awareness and Agency Outreach	0.94	2,462	5.51	0.94	2,462	5.51
ENERGY STAR for New Multi-Family Residences	1.01	1,484	1.31	1.01	1,484	1.31
ENERGY STAR for New Homes	1.10	8,772	3.35	1.10	8,772	3.35
ENERGY STAR Thermostats	1.07	831	2.25	1.07	831	2.25
Residential Heating and Cooling (Tier 1)	1.87	13,177	8.42	1.87	13,177	8.42
Residential Heating and Cooling (Tier 2)	1.68	26,086	4.16	1.68	26,086	4.16
Neighborhood Weatherization	0.56	40,938	1.09	0.56	43,668	1.09
Residential Price Responsive Load Management (Energy Planner)	3.99	3,600	8.15	3.99	3,600	8.15
Residential Prime Time Plus	6.51	1,261	7.97	6.51	1,261	7.97
Commercial/Industrial Audit (Free)		Cost-effectiveness not performed			Cost-effectiveness not performed	
Comprehensive Commercial/Industrial Audit (Paid)		Cost-effectiveness not performed			Cost-effectiveness not performed	
Cogeneration		Cost effectiveness not performed.			Cost effectiveness not performed.	
Commercial Industrial Custom Energy Efficiency	1.23	1,724	1.44	1.23	1,724	1.44
Demand Response	11.91	19,696	16.85	11.91	19,696	16.85
Industrial Load Management (GSLM 2&3)		Cost-effectiveness not performed. Credit stipulated in settlement agreement			Cost-effectiveness not performed. Credit stipulated in settlement agreement	
Lighting Conditioned Space	1.36	8,695	1.19	1.36	8,695	1.19
Lighting Non-Conditioned Space	1.60	12,022	2.30	1.60	12,022	2.30
Lighting Occupancy Sensors	1.48	3,567	10.62	1.48	3,567	10.62
Commercial Load Management (GSLM 1) Cyclic	2.47	232	8.14	2.47	232	8.14
Commercial Load Management (GSLM 1) Extended	3.92	2,603	105.17	3.92	2,603	105.17
Standby Generator	25.96	28,390	75.48	25.96	28,390	75.48
VFD and Motor Controls	1.82	1,860	6.66	1.82	1,860	6.66
Commercial heat pump water heater and drain water heat recovery	1.37	375	1.61	1.37	375	1.61
Conservation Research and Development		Cost-effectiveness not performed			Cost-effectiveness not performed	
Renewable Energy Program (Sun to Go)		Cost effectiveness not performed.			Cost effectiveness not performed.	
		Stand-alone commission approved program			Stand-alone commission approved program	

INPUT DATA - PART 1
PROGRAM TITLE: Ceiling Insulation

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

0.181 KW /CUST
 0.148 KW GEN/CUST
 7.2% %
 379 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 379 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

25 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 0

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

35.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 549.00 \$/CUST
 0 \$/CUST/YR
 2.1 %
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 224.00 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	1.12
(2)* PARTICIPANT NET BENEFITS (NPV)	356
(3)* RIM TEST - BENEFIT/COST RATIO	1.05

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REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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INPUT DATA - PART 1
PROGRAM TITLE: Duct Repair

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

PROGRAM DEMAND SAVINGS & LINE LOSSES

- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION AT THE METER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

0.408 KW /CUST
 0.281 KW GEN/CUST
 7.2% %
 906 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 906 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

20 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

35.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 685.01 \$/CUST
 0 \$/CUST/YR
 2.1 %
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 270.35 \$/CUST
 0.00 \$/CUST/YR
 0 %

AVOIDED GENERATOR, TRANS. & DIST COSTS

- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	1.60
(2)* PARTICIPANT NET BENEFITS (NPV)	1,281
(3)* RIM TEST - BENEFIT/COST RATIO	1.08

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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UPDATED: FEBRUARY 21, 2025

INPUT DATA - PART 1
PROGRAM TITLE: Energy Education

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

0.100 KW /CUST
 0.076 KW GEN/CUST
 7.2% %
 333 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 333 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

47.10 \$/CUST
 0 \$/CUST/YR
 2.2 %
 0.00 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 0.00 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	5.51
(2)* PARTICIPANT NET BENEFITS (NPV)	2,462
(3)* RIM TEST - BENEFIT/COST RATIO	0.94

TAMPA ELECTRIC COMPANY
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REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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**INPUT DATA - PART 1
PROGRAM TITLE: ENERGY STAR New Homes**

PSC FORM CE 1.1
PAGE 1 OF 1
RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

1.120 KW /CUST
0.919 KW GEN/CUST
7.2% %
4.447 KWH/CUST/YR
5.3% %
1
0 KWH/CUST/YR
4.445 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

25 YEARS
25 YEARS
25 YEARS
1.3443
1.3443
0

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

25.00 \$/CUST
0 \$/CUST/YR
2.2 %
1542.94 \$/CUST
0 \$/CUST/YR
2.1 %
2.2 %
0 \$/CUST
0 %
0 \$/CUST/YR
0 %
0.07132
0.0589
425.00 \$/CUST
0.00 \$/CUST/YR
0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
2030
2026
1307.06 \$/KW
179.45 \$/KW
2.2 %
30.02 \$/KW/YR
2.2 %
3.29 \$/KW/YR
10.52 \$/KW/YR
2.2 %
0.241 CENTS/KWH
2.2 %
23.9 %
5.27 CENTS/KWH
2.61 %
0 \$/KW/YR
0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
1 %
0.000 \$/KW/MO
1 %
1.00

CALCULATED BENEFITS AND COSTS	
(1)* TRC TEST - BENEFIT/COST RATIO	3.35
(2)* PARTICIPANT NET BENEFITS (NPV)	8.772
(3)* RIM TEST - BENEFIT/COST RATIO	1.10

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
REVISED: FEBRUARY 19, 2025
UPDATED: FEBRUARY 21, 2025**

INPUT DATA - PART 1
PROGRAM TITLE: Smart Thermostat - Residential

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

0.237 KW /CUST
 0.164 KW GEN/CUST
 7.2% %
 528 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 528 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

11 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

25.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 128.61 \$/CUST
 0 \$/CUST/YR
 2.1 %
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.05689
 22.22 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	2.25
(2)* PARTICIPANT NET BENEFITS (NPV)	831
(3)* RIM TEST - BENEFIT/COST RATIO	1.07

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
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FILED: FEBRUARY 6, 2025
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INPUT DATA - PART 1
PROGRAM TITLE: Heating and Cooling - Tier 1 16 SEER

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

<p>PROGRAM DEMAND SAVINGS & LINE LOSSES</p> <p>I. (1) CUSTOMER KW REDUCTION AT THE METER I. (2) GENERATOR KW REDUCTION PER CUSTOMER I. (3) KW LINE LOSS PERCENTAGE I. (4) GENERATION KWH REDUCTION PER CUSTOMER I. (5) KWH LINE LOSS PERCENTAGE I. (6) GROUP LINE LOSS MULTIPLIER I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER I. (8)* CUSTOMER KWH REDUCTION AT METER</p> <p>ECONOMIC LIFE & K FACTORS</p> <p>II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM II. (2) GENERATOR ECONOMIC LIFE II. (3) T & D ECONOMIC LIFE II. (4) K FACTOR FOR GENERATION II. (5) K FACTOR FOR T & D II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)</p> <p>UTILITY & CUSTOMER COSTS</p> <p>III. (1) UTILITY NONRECURRING COST PER CUSTOMER III. (2) UTILITY RECURRING COST PER CUSTOMER III. (3) UTILITY COST ESCALATION RATE III. (4) CUSTOMER EQUIPMENT COST III. (5) CUSTOMER EQUIPMENT ESCALATION RATE III. (6) CUSTOMER O & M COST III. (7) CUSTOMER O & M ESCALATION RATE III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE III. (10)* INCREASED SUPPLY COSTS III. (11)* SUPPLY COSTS ESCALATION RATE III. (12)* UTILITY DISCOUNT RATE III. (13)* UTILITY AFUDC RATE III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE III. (15)* UTILITY RECURRING REBATE/INCENTIVE III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE</p>	<p>3,924 KW /CUST 2,831 KW GEN/CUST 7.2% % 6,056 KWH/CUST/YR 5.3% % 1 0 KWH/CUST/YR 6,053 KWH/CUST/YR</p> <p>18 YEARS 25 YEARS 25 YEARS 1.3443 1.3443 1</p> <p>35.00 \$/CUST 0 \$/CUST/YR 2.2 % 1050.00 \$/CUST 0 \$/CUST/YR 2.1 % 2.2 % 315 \$/CUST 0 % 0 \$/CUST/YR 0 % 0.07132 0.0589 40.00 \$/CUST 0.00 \$/CUST/YR 0 %</p>	<p>AVOIDED GENERATOR, TRANS. & DIST COSTS</p> <p>IV. (1) BASE YEAR IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST IV. (5) BASE YEAR AVOIDED TRANSMISSION COST IV. (6) BASE YEAR DISTRIBUTION COST IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE IV. (8) GENERATOR FIXED O & M COST IV. (9) GENERATOR FIXED O&M ESCALATION RATE IV. (10) TRANSMISSION FIXED O & M COST IV. (11) DISTRIBUTION FIXED O & M COST IV. (12) T&D FIXED O&M ESCALATION RATE IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE IV. (15) GENERATOR CAPACITY FACTOR IV. (16) AVOIDED GENERATING UNIT FUEL COST IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW IV. (19)* CAPACITY COST ESCALATION RATE</p> <p>NON-FUEL ENERGY AND DEMAND CHARGES</p> <p>V. (1) NON-FUEL COST IN CUSTOMER BILL V. (2) NON-FUEL ESCALATION RATE V. (3) CUSTOMER DEMAND CHARGE PER KW V. (4) DEMAND CHARGE ESCALATION RATE V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL</p>	<p>2025 2030 2026 1307.06 \$/KW 20.54 \$/KW 179.45 \$/KW 2.2 % 30.02 \$/KW/YR 2.2 % 3.29 \$/KW/YR 10.52 \$/KW/YR 2.2 % 0.241 CENTS/KWH 2.2 % 23.9 % 5.27 CENTS/KWH 2.61 % 0 \$/KW/YR 0 %</p> <p>7.966 CENTS/KWH 1 % 0.000 \$/KW/MO 1 % 1.00</p>
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CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	8.42
(2)* PARTICIPANT NET BENEFITS (NPV)	13,177
(3)* RIM TEST - BENEFIT/COST RATIO	1.87

TAMPA ELECTRIC COMPANY
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INPUT DATA - PART 1
PROGRAM TITLE: Residential Heating and Cooling Tier 2

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

3,972 KW /CUST
 2,910 KW GEN/CUST
 7.2% %
 6,323 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 6,320 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

18 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

35.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 2224.80 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 667.44 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 550.00 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

- V. NON-FUEL ENERGY AND DEMAND CHARGES
- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	4.16
(2)* PARTICIPANT NET BENEFITS (NPV)	26,086
(3)* RIM TEST - BENEFIT/COST RATIO	1.68

TAMPA ELECTRIC COMPANY
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UPDATED: FEBRUARY 21, 2025

INPUT DATA - PART 1
PROGRAM TITLE: Neighborhood Weatherization

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

0.331 KW /CUST
 0.326 KW GEN/CUST
 7.2% %
 1,293 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 1,292 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

950.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 0.00 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.05689
 0.00 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	1.09
(2)* PARTICIPANT NET BENEFITS (NPV)	43,668
(3)* RIM TEST - BENEFIT/COST RATIO	0.56

TAMPA ELECTRIC COMPANY
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STAFF'S FIRST DATA REQUEST
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INPUT DATA - PART 1
PROGRAM TITLE: Energy Planner

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. **PROGRAM DEMAND SAVINGS & LINE LOSSES**
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

2,597 KW /CUST
 2,641 KW GEN/CUST
 7.2% %
 1,075 KWH/CUST/YR
 5.3% %
 1
 0 KWH/CUST/YR
 1,074 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

25 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 0

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

781.94 \$/CUST
 16 \$/CUST/YR
 2.2 %
 0.00 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.05689
 0.00 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. **AVOIDED GENERATOR, TRANS. & DIST COSTS**
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

7.966 CENTS/KWH
 1 %
 0.000 \$/KW/MO
 1 %
 0.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	8.15
(2)* PARTICIPANT NET BENEFITS (NPV)	3.600
(3)* RIM TEST - BENEFIT/COST RATIO	3.99

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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UPDATED: FEBRUARY 21, 2025

INPUT DATA - PART 1
PROGRAM TITLE: Custom Energy Efficiency - Commercial

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

2,394 KW /CUST
 1,724 KW GEN/CUST
 7.0% %
 12,286 KWH/CUST/YR
 5.1% %
 1
 0 KWH/CUST/YR
 12,280 KWH/CUST/YR

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

550.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 4666.08 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 973.39 \$/CUST
 0.00 \$/CUST/YR
 0 %

- V. NON-FUEL ENERGY AND DEMAND CHARGES
- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
 1 %
 14.940 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	1.44
(2)* PARTICIPANT NET BENEFITS (NPV)	1,724
(3)* RIM TEST - BENEFIT/COST RATIO	1.23

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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UPDATED: FEBRUARY 21, 2025

INPUT DATA - PART 1
PROGRAM TITLE: Commercial Demand Response

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

408,163 KW /CUST
 454,332 KW GEN/CUST
 7.0% %
 30,628 KWH/CUST/YR
 5.1% %
 1
 0 KWH/CUST/YR
 30,612 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

25 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 0

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

2500.00 \$/CUST
 5,390 \$/CUST/YR
 2.2 %
 0.00 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0569
 30122.43 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

- V. NON-FUEL ENERGY AND DEMAND CHARGES
- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
 1 %
 17.110 \$/KW/MO
 1 %
 0.00

CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	16.85
(2)* PARTICIPANT NET BENEFITS (NPV)	19,696
(3)* RIM TEST - BENEFIT/COST RATIO	11.91

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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INPUT DATA - PART 1
PROGRAM TITLE: Commercial Lighting - Conditioned Space

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

<p>PROGRAM DEMAND SAVINGS & LINE LOSSES</p> <p>I. (1) CUSTOMER KW REDUCTION AT THE METER I. (2) GENERATOR KW REDUCTION PER CUSTOMER I. (3) KW LINE LOSS PERCENTAGE I. (4) GENERATION KWH REDUCTION PER CUSTOMER I. (5) KWH LINE LOSS PERCENTAGE I. (6) GROUP LINE LOSS MULTIPLIER I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER I. (8)* CUSTOMER KWH REDUCTION AT METER</p> <p>ECONOMIC LIFE & K FACTORS</p> <p>II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM II. (2) GENERATOR ECONOMIC LIFE II. (3) T & D ECONOMIC LIFE II. (4) K FACTOR FOR GENERATION II. (5) K FACTOR FOR T & D II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)</p> <p>UTILITY & CUSTOMER COSTS</p> <p>III. (1) UTILITY NONRECURRING COST PER CUSTOMER III. (2) UTILITY RECURRING COST PER CUSTOMER III. (3) UTILITY COST ESCALATION RATE III. (4) CUSTOMER EQUIPMENT COST III. (5) CUSTOMER EQUIPMENT ESCALATION RATE III. (6) CUSTOMER O & M COST III. (7) CUSTOMER O & M ESCALATION RATE III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE III. (10)* INCREASED SUPPLY COSTS III. (11)* SUPPLY COSTS ESCALATION RATE III. (12)* UTILITY DISCOUNT RATE III. (13)* UTILITY AFUDC RATE III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE III. (15)* UTILITY RECURRING REBATE/INCENTIVE III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE</p>	<p>24.212 KW /CUST 23.163 KW GEN/CUST 7.0% % 85.452 KWH/CUST/YR 5.1% % 1 0 KWH/CUST/YR 85.408 KWH/CUST/YR</p> <p>15 YEARS 25 YEARS 25 YEARS 1.3443 1.3443 1</p> <p>350.00 \$/CUST 0 \$/CUST/YR 2.2 % 59792.33 \$/CUST 0 \$/CUST/YR 2.1 % 2.2 % 0 \$/CUST 0 % 0 \$/CUST/YR 0 % 0.07132 0.0589 8791.50 \$/CUST 0.00 \$/CUST/YR 0 %</p>	<p>AVOIDED GENERATOR, TRANS. & DIST COSTS</p> <p>IV. (1) BASE YEAR IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST IV. (5) BASE YEAR AVOIDED TRANSMISSION COST IV. (6) BASE YEAR DISTRIBUTION COST IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE IV. (8) GENERATOR FIXED O & M COST IV. (9) GENERATOR FIXED O&M ESCALATION RATE IV. (10) TRANSMISSION FIXED O & M COST IV. (11) DISTRIBUTION FIXED O & M COST IV. (12) T&D FIXED O&M ESCALATION RATE IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE IV. (15) GENERATOR CAPACITY FACTOR IV. (16) AVOIDED GENERATING UNIT FUEL COST IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW IV. (19)* CAPACITY COST ESCALATION RATE</p> <p>NON-FUEL ENERGY AND DEMAND CHARGES</p> <p>V. (1) NON-FUEL COST IN CUSTOMER BILL V. (2) NON-FUEL ESCALATION RATE V. (3) CUSTOMER DEMAND CHARGE PER KW V. (4) DEMAND CHARGE ESCALATION RATE V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL</p>	<p>2025 2030 2026 1307.06 \$/KW 20.54 \$/KW 179.45 \$/KW 2.2 % 30.02 \$/KW/YR 2.2 % 3.29 \$/KW/YR 10.52 \$/KW/YR 2.2 % 0.241 CENTS/KWH 2.2 % 23.9 % 5.27 CENTS/KWH 2.61 % 0 \$/KW/YR 0 %</p> <p>0.838 CENTS/KWH 1 % 14.940 \$/KW/MO 1 % 1.00</p>
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CALCULATED BENEFITS AND COSTS	
(1)* IRC TEST - BENEFIT/COST RATIO	1.19
(2)* PARTICIPANT NET BENEFITS (NPV)	8.695
(3)* RIM TEST - BENEFIT/COST RATIO	1.36

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
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INPUT DATA - PART 1
PROGRAM TITLE: Commercial Lighting - Non-Conditioned Space

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

11,535 KW /CUST
 12,840 KW GEN/CUST
 7.0% %
 56,121 KWH/CUST/YR
 5.1% %
 1
 0 KWH/CUST/YR
 56,092 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

350.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 18023.44 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 4037.25 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
 1 %
 14.940 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	2.30
(2)* PARTICIPANT NET BENEFITS (NPV)	12,022
(3)* RIM TEST - BENEFIT/COST RATIO	1.60

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240163-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO: 4
FILED: FEBRUARY 6, 2025
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UPDATED: FEBRUARY 21, 2025

INPUT DATA - PART 1
PROGRAM TITLE: Commercial Lighting - Occupancy Sensors

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

37,495 KW /CUST
 36,437 KW GEN/CUST
 7.0% %
 90,563 KWH/CUST/YR
 5.1% %
 1
 0 KWH/CUST/YR
 90,517 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

UTILITY & CUSTOMER COSTS

- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

350.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 8867.73 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.05689
 893.65 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
 1 %
 14.940 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	10.62
(2)* PARTICIPANT NET BENEFITS (NPV)	3.567
(3)* RIM TEST - BENEFIT/COST RATIO	1.48

TAMPA ELECTRIC COMPANY
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INPUT DATA - PART 1
PROGRAM TITLE: Commercial Load Management - Cyclic

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

PROGRAM DEMAND SAVINGS & LINE LOSSES			
I. (1) CUSTOMER KW REDUCTION AT THE METER	13,200 KW /CUST		2025
I. (2) GENERATOR KW REDUCTION AT THE METER	5,363 KW GEN/CUST		2030
I. (3) KW LINE LOSS PERCENTAGE	7.0% %		2026
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	0 KWH/CUST/YR		1307.06 \$/KW
I. (5) KWH LINE LOSS PERCENTAGE	5.1% %		20.54 \$/KW
I. (6) GROUP LINE LOSS MULTIPLIER	1		179.45 \$/KW
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR		2.2 %
I. (8)* CUSTOMER KWH REDUCTION AT METER	0 KWH/CUST/YR		30.02 \$/KW/YR
			2.2 %
			3.29 \$/KW/YR
			10.52 \$/KW/YR
			2.2 %
			0.241 CENTS/KWH
			2.2 %
			23.9 %
			5.27 CENTS/KWH
			2.61 %
			0 \$/KW/YR
			0 %
ECONOMIC LIFE & K FACTORS			
II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS		
II. (2) GENERATOR ECONOMIC LIFE	25 YEARS		
II. (3) T & D ECONOMIC LIFE	25 YEARS		
II. (4) K FACTOR FOR GENERATION	1.3443		
II. (5) K FACTOR FOR T & D	1.3443		
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0		
UTILITY & CUSTOMER COSTS			
III. (1) UTILITY NONRECURRING COST PER CUSTOMER	781.94 \$/CUST		
III. (2) UTILITY RECURRING COST PER CUSTOMER	103 \$/CUST/YR		
III. (3) UTILITY COST ESCALATION RATE	2.2 %		
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST		
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.1 %		
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR		
III. (7) CUSTOMER O & M ESCALATION RATE	2.2 %		
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST		
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %		
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR		
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %		
III. (12)* UTILITY DISCOUNT RATE	0.07132		
III. (13)* UTILITY AFUDC RATE	0.0589		
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST		
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	462.00 \$/CUST/YR		
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %		
AVOIDED GENERATOR, TRANS. & DIST COSTS			
IV. (1) BASE YEAR			2025
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT			2030
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D			2026
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST			1307.06 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST			20.54 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST			179.45 \$/KW
IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE			2.2 %
IV. (8) GENERATOR FIXED O & M COST			30.02 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE			2.2 %
IV. (10) TRANSMISSION FIXED O & M COST			3.29 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST			10.52 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE			2.2 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS			0.241 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE			2.2 %
IV. (15) GENERATOR CAPACITY FACTOR			23.9 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST			5.27 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE			2.61 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW			0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE			0 %
NON-FUEL ENERGY AND DEMAND CHARGES			
V. (1) NON-FUEL COST IN CUSTOMER BILL			0.838 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE			1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW			14.940 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE			1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL			0.00
CALCULATED BENEFITS AND COSTS			
(1)* TRC TEST - BENEFIT/COST RATIO			8.14
(2)* PARTICIPANT NET BENEFITS (NPV)			232
(3)* RIM TEST - BENEFIT/COST RATIO			2.47

TAMPA ELECTRIC COMPANY
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**INPUT DATA - PART 1
PROGRAM TITLE: Commercial Load Management - Extended**

PSC FORM CE 1.1
PAGE 1 OF 1
RUN DATE: February 18, 2025

PROGRAM DEMAND SAVINGS & LINE LOSSES	
I.	(1) CUSTOMER KW REDUCTION AT THE METER
I.	(2) GENERATOR KW REDUCTION PER CUSTOMER
I.	(3) KW LINE LOSS PERCENTAGE
I.	(4) GENERATION KWH REDUCTION PER CUSTOMER
I.	(5) KWH LINE LOSS PERCENTAGE
I.	(6) GROUP LINE LOSS MULTIPLIER
I.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER
I.	(8)* CUSTOMER KWH REDUCTION AT METER
ECONOMIC LIFE & K FACTORS	
II.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM
II.	(2) GENERATOR ECONOMIC LIFE
II.	(3) T & D ECONOMIC LIFE
II.	(4) K FACTOR FOR GENERATION
II.	(5) K FACTOR FOR T & D
II.	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)
UTILITY & CUSTOMER COSTS	
III.	(1) UTILITY NONRECURRING COST PER CUSTOMER
III.	(2) UTILITY RECURRING COST PER CUSTOMER
III.	(3) UTILITY COST ESCALATION RATE
III.	(4) CUSTOMER EQUIPMENT COST
III.	(5) CUSTOMER EQUIPMENT ESCALATION RATE
III.	(6) CUSTOMER O & M COST
III.	(7) CUSTOMER O & M ESCALATION RATE
III.	(8)* CUSTOMER TAX CREDIT PER INSTALLATION
III.	(9)* CUSTOMER TAX CREDIT ESCALATION RATE
III.	(10)* INCREASED SUPPLY COSTS
III.	(11)* SUPPLY COSTS ESCALATION RATE
III.	(12)* UTILITY DISCOUNT RATE
III.	(13)* UTILITY AFUDC RATE
III.	(14)* UTILITY NON RECURRING REBATE/INCENTIVE
III.	(15)* UTILITY RECURRING REBATE/INCENTIVE
III.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE

AVOIDED GENERATOR, TRANS. & DIST COSTS	
IV.	(1) BASE YEAR
IV.	(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
IV.	(3) IN-SERVICE YEAR FOR AVOIDED T & D
IV.	(4) BASE YEAR AVOIDED GENERATING UNIT COST
IV.	(5) BASE YEAR AVOIDED TRANSMISSION COST
IV.	(6) BASE YEAR DISTRIBUTION COST
IV.	(7) GEN, TRAN. & DIST COST ESCALATION RATE
IV.	(8) GENERATOR FIXED O & M COST
IV.	(9) GENERATOR FIXED O&M ESCALATION RATE
IV.	(10) TRANSMISSION FIXED O & M COST
IV.	(11) DISTRIBUTION FIXED O & M COST
IV.	(12) T&D FIXED O&M ESCALATION RATE
IV.	(13) AVOIDED GEN UNIT VARIABLE O & M COSTS
IV.	(14) GENERATOR VARIABLE O&M COST ESCALATION RATE
IV.	(15) GENERATOR CAPACITY FACTOR
IV.	(16) AVOIDED GENERATING UNIT FUEL COST
IV.	(17) AVOIDED GEN UNIT FUEL ESCALATION RATE
IV.	(18)* AVOIDED PURCHASE CAPACITY COST PER KW
IV.	(19)* CAPACITY COST ESCALATION RATE
NON-FUEL ENERGY AND DEMAND CHARGES	
V.	(1) NON-FUEL COST IN CUSTOMER BILL
V.	(2) NON-FUEL ESCALATION RATE
V.	(3) CUSTOMER DEMAND CHARGE PER KW
V.	(4) DEMAND CHARGE ESCALATION RATE
V.	(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

2025	2030
2026	
1307.06 \$/KW	
179.45 \$/KW	
2.2 %	
30.02 \$/KW/YR	
2.2 %	
3.29 \$/KW/YR	
10.52 \$/KW/YR	
2.2 %	
0.241 CENTS/KWH	
2.2 %	
23.9 %	
5.27 CENTS/KWH	
2.61 %	
0 \$/KW/YR	
0 %	
0.838 CENTS/KWH	
1 %	
14.940 \$/KW/MO	
1 %	
0.00	

CALCULATED BENEFITS AND COSTS	
(1)* TRC TEST - BENEFIT/COST RATIO	105.17
(2)* PARTICIPANT NET BENEFITS (NPV)	2,603
(3)* RIM TEST - BENEFIT/COST RATIO	3.92

**TAMPA ELECTRIC COMPANY
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INPUT DATA - PART 1
PROGRAM TITLE: Standby Generator

PSC FORM CE 1.1
PAGE 1 OF 1
RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

529,915 KW /CUST
589,856 KW GEN/CUST
7.0% %
53,019 KWH/CUST/YR
5.1% %
1
0 KWH/CUST/YR
52,992 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

25 YEARS
25 YEARS
25 YEARS
1.3443
1.3443
0

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

4000.00 \$/CUST
1,333 \$/CUST/YR
2.2 %
0.00 \$/CUST
2.1 %
0 \$/CUST/YR
2.2 %
0 \$/CUST
0 %
0 \$/CUST/YR
0 %
0.07132
0.0569
39107.73 \$/CUST
0.00 \$/CUST/YR
0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
2030
2026
1307.06 \$/KW
20.54 \$/KW
179.45 \$/KW
2.2 %
30.02 \$/KW/YR
2.2 %
3.29 \$/KW/YR
10.52 \$/KW/YR
2.2 %
0.241 CENTS/KWH
2.2 %
23.9 %
5.27 CENTS/KWH
2.61 %
0 \$/KW/YR
0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
1 %
17.110 \$/KW/MO
1 %
0.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	75.48
(2)* PARTICIPANT NET BENEFITS (NPV)	28,390
(3)* RIM TEST - BENEFIT/COST RATIO	25.96

TAMPA ELECTRIC COMPANY
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INPUT DATA - PART 1
PROGRAM TITLE: VFD - Motor Controls

PSC FORM CE 1.1
PAGE 1 OF 1
RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

5,133 KW /CUST
5,078 KW GEN/CUST
7.0% %
28,753 KWH/CUST/YR
5.1% %
1
0 KWH/CUST/YR
28,738 KWH/CUST/YR

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
2030
2026
1307.06 \$/KW
179.45 \$/KW
2.2 %
30.02 \$/KW/YR
2.2 %
3.29 \$/KW/YR
10.52 \$/KW/YR
2.2 %
0.241 CENTS/KWH
2.2 %
23.9 %
5.27 CENTS/KWH
2.61 %
0 \$/KW/YR
0 %

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

17 YEARS
25 YEARS
25 YEARS
1.3443
1.3443
1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

350.00 \$/CUST
0 \$/CUST/YR
2.2 %
2928.00 \$/CUST
0 \$/CUST/YR
2.1 %
2.2 %
0 \$/CUST
0 %
0 \$/CUST/YR
0 %
0.07132
0.0589
574.04 \$/CUST
0.00 \$/CUST/YR
0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
1 %
14.940 \$/KW/MO
1 %
1.00

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	6.66
(2)* PARTICIPANT NET BENEFITS (NPV)	1,860
(3)* RIM TEST - BENEFIT/COST RATIO	1.82

TAMPA ELECTRIC COMPANY
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INPUT DATA - PART 1
PROGRAM TITLE: Water Heating

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: February 18, 2025

- I. PROGRAM DEMAND SAVINGS & LINE LOSSES
- I. (1) CUSTOMER KW REDUCTION AT THE METER
- I. (2) GENERATOR KW REDUCTION PER CUSTOMER
- I. (3) KW LINE LOSS PERCENTAGE
- I. (4) GENERATION KWH REDUCTION PER CUSTOMER
- I. (5) KWH LINE LOSS PERCENTAGE
- I. (6) GROUP LINE LOSS MULTIPLIER
- I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER
- I. (8)* CUSTOMER KWH REDUCTION AT METER

4,992 KW /CUST
 3,910 KW GEN/CUST
 7.0% %
 27,420 KWH/CUST/YR
 5.1% %
 1
 0 KWH/CUST/YR
 27,406 KWH/CUST/YR

- II. ECONOMIC LIFE & K FACTORS
- II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM
- II. (2) GENERATOR ECONOMIC LIFE
- II. (3) T & D ECONOMIC LIFE
- II. (4) K FACTOR FOR GENERATION
- II. (5) K FACTOR FOR T & D
- II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)

15 YEARS
 25 YEARS
 25 YEARS
 1.3443
 1.3443
 1

- III. UTILITY & CUSTOMER COSTS
- III. (1) UTILITY NONRECURRING COST PER CUSTOMER
- III. (2) UTILITY RECURRING COST PER CUSTOMER
- III. (3) UTILITY COST ESCALATION RATE
- III. (4) CUSTOMER EQUIPMENT COST
- III. (5) CUSTOMER EQUIPMENT ESCALATION RATE
- III. (6) CUSTOMER O & M COST
- III. (7) CUSTOMER O & M ESCALATION RATE
- III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION
- III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE
- III. (10)* INCREASED SUPPLY COSTS
- III. (11)* SUPPLY COSTS ESCALATION RATE
- III. (12)* UTILITY DISCOUNT RATE
- III. (13)* UTILITY AFUDC RATE
- III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE
- III. (15)* UTILITY RECURRING REBATE/INCENTIVE
- III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

350.00 \$/CUST
 0 \$/CUST/YR
 2.2 %
 10046.46 \$/CUST
 2.1 %
 0 \$/CUST/YR
 2.2 %
 0 \$/CUST
 0 %
 0 \$/CUST/YR
 0 %
 0.07132
 0.0589
 2137.92 \$/CUST
 0.00 \$/CUST/YR
 0 %

- IV. AVOIDED GENERATOR, TRANS. & DIST COSTS
- IV. (1) BASE YEAR
- IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT
- IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D
- IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST
- IV. (5) BASE YEAR AVOIDED TRANSMISSION COST
- IV. (6) BASE YEAR DISTRIBUTION COST
- IV. (7) GEN, TRAN. & DIST COST ESCALATION RATE
- IV. (8) GENERATOR FIXED O & M COST
- IV. (9) GENERATOR FIXED O&M ESCALATION RATE
- IV. (10) TRANSMISSION FIXED O & M COST
- IV. (11) DISTRIBUTION FIXED O & M COST
- IV. (12) T&D FIXED O&M ESCALATION RATE
- IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS
- IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE
- IV. (15) GENERATOR CAPACITY FACTOR
- IV. (16) AVOIDED GENERATING UNIT FUEL COST
- IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE
- IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW
- IV. (19)* CAPACITY COST ESCALATION RATE

2025
 2030
 2026
 1307.06 \$/KW
 20.54 \$/KW
 179.45 \$/KW
 2.2 %
 30.02 \$/KW/YR
 2.2 %
 3.29 \$/KW/YR
 10.52 \$/KW/YR
 2.2 %
 0.241 CENTS/KWH
 2.2 %
 23.9 %
 5.27 CENTS/KWH
 2.61 %
 0 \$/KW/YR
 0 %

NON-FUEL ENERGY AND DEMAND CHARGES

- V. (1) NON-FUEL COST IN CUSTOMER BILL
- V. (2) NON-FUEL ESCALATION RATE
- V. (3) CUSTOMER DEMAND CHARGE PER KW
- V. (4) DEMAND CHARGE ESCALATION RATE
- V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL

0.838 CENTS/KWH
 1 %
 14.940 \$/KW/MO
 1 %
 1.00

CALCULATED BENEFITS AND COSTS

(1)* IRC TEST - BENEFIT/COST RATIO	1.61
(2)* PARTICIPANT NET BENEFITS (NPV)	375
(3)* RIM TEST - BENEFIT/COST RATIO	1.37

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