AUSLEY MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

FILED JAN 10, 2017 DOCUMENT NO. 00301-17 FPSC - COMMISSION CLERK

DOCKET NO. 170014-EI

P.O. BOX 391 (ZIP 32302)

TALLAHASSEE, FLORIDA 32301

(850) 224-9115 FAX (850) 222-7560

January 10, 2017

VIA: ELECTRONIC FILING

Ms. Carlotta S. Stauffer Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re: Petition of Tampa Electric Company for Approval of ENERGY STAR Program for

New Multi-Family Residences

Dear Ms. Stauffer:

Attached for filing in the above-styled matter is Tampa Electric Company's Petition for Approval of ENERGY STAR Program for New Multi-Family Residences.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp Attachment

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

| In re: Petition of Tampa Electric Company) | |
|---|-------------------------|
| for approval of ENERGY STAR Program for) | DOCKET NO |
| New Multi-Family Residences. | |
|) | FILED: January 10, 2017 |

PETITION OF TAMPA ELECTRIC COMPANY FOR APPROVAL OF ENERGY STAR PROGRAM FOR NEW MULTI-FAMILY RESIDENCES

Tampa Electric Company ("Tampa Electric or "the company"), pursuant to Sections 366.82, 366.05 and 366.06, Florida Statutes, petitions the Florida Public Service Commission ("Commission") for approval of the company's proposed ENERGY STAR Program for New Multi-Family Residences as a Demand Side Management ("DSM") program, approval of the company's program description attached hereto as Exhibit "B", and to allow Tampa Electric to recover reasonable and prudent expenditures of its ENERGY STAR Program for New Multi-Family Residences through the company's Energy Conservation Cost Recovery ("ECCR") Clause and, as grounds therefor, says:

- 1. Tampa Electric is an investor-owned public utility regulated by the Commission pursuant to Chapter 366, Florida Statutes. Tampa Electric is subject to the Florida Energy Efficiency and Conservation Act ("FEECA"), Sections 366.80–85, 403.519, Florida Statutes. Pursuant to FEECA, the Commission has approved DSM goals for Tampa Electric and Tampa Electric has a DSM plan approved by the Commission designed to achieve its DSM goals.
- 2. Tampa Electric's address is 702 North Franklin Street, Tampa, Florida 33601. Correspondence, notices, orders and other documents concerning this petition should be sent to:

James D. Beasley jbeasley@ausley.com

Paula K. Brown regdept@tecoenergy.com

J. Jeffry Wahlen jwahlen@ausley.com
Ashley M. Daniels adaniels@ausley.com
Ausley McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115
(850) 222-7560 (fax)

Manager, Regulatory Coordination Tampa Electric Company Post Office Box 111 Tampa, FL 33601 (813) 228-1444 (813) 228-1770 (fax)

- 3. On August 11, 2015 the Commission entered its Order No. PSC-15-0323-PAA-EG in Docket No. 150081-EG, approving Tampa Electric's Demand Side Management Plan. Included in that plan is an ENERGY STAR program for new homes, a program description of which is attached hereto as Exhibit "A". That program offers an \$850 rebate to encourage builders to construct new homes that meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.
- 4. Tampa Electric has received inquiries regarding the possibility of adopting an ENERGY STAR Program for Multi-Family Residences. Tampa Electric has conducted cost-effectiveness tests showing that an ENERGY STAR Program for Multi-Family Residences would not be cost effective if the same \$850 rebate for single-family residences were offered for multi-family residences. However, a multi-family ENERGY STAR program is cost effective if the rebate is reduced to \$325 for each unit that receives an ENERGY STAR certificate.
- 5. Tampa Electric views the foregoing as a very positive opportunity since many multi-family residences are being planned for construction in Tampa Electric's service area. Offering an ENERGY STAR program for new multi-family residences will be very beneficial to the community as well as future tenants of new multi-family residences by helping them become more energy focused and saving on their electric bill in the process. Attached hereto as Exhibit

"B" is the program description for Tampa Electric's proposed ENERGY STAR Program for Multi-Family Residences.

- 6. Attached hereto as Exhibit "C" is the result of a cost-effectiveness examination showing the proposed program to be cost effective utilizing a rebate of \$325 per new multifamily residence qualifying for the ENERGY STAR designation.
- 7. The approval of the company's proposed ENERGY STAR Program for New Multi-Family Residences will help Tampa Electric achieve the goals of FEECA and Commission Rule 25-17.001, Florida Administrative Code. It should allow Tampa Electric to achieve its Commission approved DSM goals at a lower cost to customers.
 - 8. The proposed program is directly monitorable and will yield measurable results.
- Attached hereto as Exhibit "D" are Tampa Electric's proposed program standards for its proposed ENERGY STAR Program for New Multi-Family Residences.
- 10. Attached hereto as Exhibit "E" are Tampa Electric's projected participation and annual demand and energy savings for its proposed ENERGY STAR Program for New Multi-Family Residences through the end of the current approved DSM Plan.
- 11. Tampa Electric is not aware of any disputed issues of material fact regarding the matters asserted herein. There has not been any prior agency action in this proceeding; therefore, Tampa Electric cannot allege "when and how the petitioner received notice of the agency decision." Since there is no agency action for which Tampa Electric is seeking reversal or modification, there are no statutes or rules Tampa Electric contends require reversal or modification of Commission action.

WHEREFORE, Tampa Electric respectfully petitions the Commission to approve the company's proposed ENERGY STAR Program for New Multi-Family Residences, approve the

program description contained in Exhibit "B" and program standards contained in Exhibit "D" and allow Tampa Electric to recover its reasonable and prudent ENERGY STAR for New Multi-Family Residences Program expenditures through Tampa Electric's ECCR clause.

DATED this 10 that day of January 2017.

Respectfully submitted,

JAMES D. BEASLEY J. JEFFRY WAHLEN

ASHLEY M. DANIELS

Ausley McMullen

Post Office Box 391

Tallahassee, FL 32302

(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

EXHIBIT A

Program: ENERGY STAR for New Homes

Program Start Date: November 2015

Program Description

The ENERGY STAR for New Homes Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction market. The program utilizes a rebate to encourage the construction of new homes to meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate, the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Participation Standards

Program Standards to be submitted 30 days after Commission order approving DSM Plan.

Program Savings

Savings were determined using historical participation characteristics of residences and utilizing DOE2 building simulations for a home that would meet the current minimum Florida Building Code compared to a new home that would meet the requirements of ENERGY STAR Certified Homes, Version 3.1 (Rev. 05) Program Requirements for the State of Florida. The analysis yielded the following expected savings per customer participant:

Summer Demand: 0.531 kW Winter Demand: 0.490 kW Annual Energy: 2,489 kWh

Program Costs

Rebate: \$850 for a qualifying home receiving the ENERGY STAR Certificate.

The estimated administrative cost per participant is \$22.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 941173-EG.

EXHIBIT B

Program: ENERGY STAR for New Multi-Family Residences

Program Start Date: TBD

Program Description

The ENERGY STAR for New Multi-Family Residences Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction apartment and condominium residence market. The program utilizes a rebate to encourage the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label. By receiving this certificate, the new residence will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Participation Standards

Program Standards are submitted concurrently with this program description.

Program Savings

Savings were determined using historical participation characteristics of multi-family residences and utilizing DOE2 building simulations for a multi-family residence that would meet the current minimum Florida Building Code compared to a new multi-family residence that would meet the requirements to achieve the ENERGY STAR Certificate for the multi-family residence. The analysis yielded the following expected savings per customer participant:

Summer Demand: 0.361 kW Winter Demand: 0.242 kW Annual Energy: 1,239 kWh

Program Costs

Rebate: \$325 for a qualifying multi-family residence receiving the ENERGY STAR Certificate.

The estimated administrative cost per participant is \$15.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 941173-EG.

EXHIBIT C

INPUT DATA - PART 1 PROGRAM TITLE: ENERGY STAR - Multi-Family

PROGRAM DEMAND SAVINGS & LINE LOSSES

III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE

III. (15)* UTILITY RECURRING REBATE/INCENTIVE

III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE

PAGE 1 OF 1 RUN DATE: January 3, 2017

AVOIDED GENERATOR, TRANS. & DIST COSTS

(1)* TRC TEST - BENEFIT/COST RATIO

(3)* RIM TEST - BENEFIT/COST RATIO

(2)* PARTICIPANT NET BENEFITS (NPV)

PSC FORM CE 1.1

0.97

1.01

1,215

| I. | (1) CUSTOMER KW REDUCTION AT THE METER | 0.361 KW /CUST | IV. (1) BASE YEAR | 2017 |
|------|--|-------------------|--|-----------------|
| I. | (2) GENERATOR KW REDUCTION PER CUSTOMER | 0.359 KW GEN/CUST | IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT | 2020 |
| I. | (3) KW LINE LOSS PERCENTAGE | 7.30 % | IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D | 2018 |
| I. | (4) GENERATION KWH REDUCTION PER CUSTOMER | 1,313 KWH/CUST/YR | IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST | 667.64 \$/KW |
| I. | (5) KWH LINE LOSS PERCENTAGE | 5.60 % | IV. (5) BASE YEAR AVOIDED TRANSMISSION COST | 38.32 \$/KW |
| I. | (6) GROUP LINE LOSS MULTIPLIER | 1 | IV. (6) BASE YEAR DISTRIBUTION COST | 69.94 \$/KW |
| I. | (7) CUSTOMER KWH PROGRAM INCREASE AT METER | 0 KWH/CUST/YR | IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE | 2.40 % |
| I. | (8)* CUSTOMER KWH REDUCTION AT METER | 1,239 KWH/CUST/YR | IV. (8) GENERATOR FIXED O & M COST | 11.97 \$/KW/YR |
| | | | IV. (9) GENERATOR FIXED O&M ESCALATION RATE | 2.40 % |
| | ECONOMIC LIFE & K FACTORS | | IV. (10) TRANSMISSION FIXED O & M COST | 3.00 \$/KW/YR |
| II. | (1) STUDY PERIOD FOR CONSERVATION PROGRAM | 25 YEARS | IV. (11) DISTRIBUTION FIXED O & M COST | 11.27 \$/KW/YR |
| II. | (2) GENERATOR ECONOMIC LIFE | 25 YEARS | IV. (12) T&D FIXED O&M ESCALATION RATE | 2.40 % |
| II. | (3) T & D ECONOMIC LIFE | 25 YEARS | IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS | 0.193 CENTS/KWH |
| II. | (4) K FACTOR FOR GENERATION | 1.3834 | IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE | 2.40 % |
| II. | (5) K FACTOR FOR T & D | 1.3834 | IV. (15) GENERATOR CAPACITY FACTOR | 2.60 % |
| | (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1) | 0 | IV. (16) AVOIDED GENERATING UNIT FUEL COST | 4.08 CENTS/KWH |
| | | | IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE | 4.47 % |
| | | | IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW | 0.00 \$/KW/YR |
| | UTILITY & CUSTOMER COSTS | | IV. (19)* CAPACITY COST ESCALATION RATE | 0.00 % |
| III. | (1) UTILITY NONRECURRING COST PER CUSTOMER | 15.00 \$/CUST | | |
| III. | (2) UTILITY RECURRING COST PER CUSTOMER | 0.00 \$/CUST/YR | | |
| III. | (3) UTILITY COST ESCALATION RATE | 2.40 % | | |
| III. | (4) CUSTOMER EQUIPMENT COST | 1,250.00 \$/CUST | NON-FUEL ENERGY AND DEMAND CHARGES | |
| III. | (5) CUSTOMER EQUIPMENT ESCALATION RATE | 2.60 % | V. (1) NON-FUEL COST IN CUSTOMER BILL | 5.623 CENTS/KWH |
| III. | (6) CUSTOMER O & M COST | 0.00 \$/CUST/YR | V. (2) NON-FUEL ESCALATION RATE | 1.00 % |
| III. | (7) CUSTOMER O & M ESCALATION RATE | 2.60 % | V. (3) CUSTOMER DEMAND CHARGE PER KW | 0.000 \$/KW/MO |
| III. | (8)* CUSTOMER TAX CREDIT PER INSTALLATION | 0.00 \$/CUST | V. (4) DEMAND CHARGE ESCALATION RATE | 1.00 % |
| III. | (9)* CUSTOMER TAX CREDIT ESCALATION RATE | 0.00 % | V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT | |
| III. | (10)* INCREASED SUPPLY COSTS | 0.00 \$/CUST/YR | FACTOR FOR CUSTOMER BILL | 1.00 |
| III. | (11)* SUPPLY COSTS ESCALATION RATE | 0.00 % | | |
| III. | (12)* UTILITY DISCOUNT RATE | 0.06976 | | |
| III. | (13)* UTILITY AFUDC RATE | 0.0646 | CALCULATED BENEFITS AND COSTS | |

325.00 \$/CUST

0.00 %

0.00 \$/CUST/YR

(5)

(6)

(7)

(8)

(9)

(10)

1,301

0.97

2,339

-79

(11)

(12)

(13)

(1)

NPV:

Discount Rate

0.06976

2,389

Benefit/Cost Ratio - [col (11)/col (6)]:

2,418

(2)

(3)

(4)

| EXHIBIT C | TAMPA ELECTRIC COMI |
|-----------|---------------------|
|-----------|---------------------|

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|--------------|------------------|---------|---------|----------|------------|------------------|----------|---------|---------|------------|--------------|
| | SAVINGS | | | | | | | | | | |
| | IN | | | | | CUSTOMER | CUSTOMER | | | | CUMULATIVE |
| | PARTICIPANTS | TAX | UTILITY | OTHER | TOTAL | EQUIPMENT | O & M | OTHER | TOTAL | NET | DISCOUNTED |
| | BILL | CREDITS | REBATES | BENEFITS | BENEFITS | COSTS | COSTS | COSTS | COSTS | BENEFITS | NET BENEFITS |
| YEAR | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) |
| 2017 | 34 | 0 | | 0 | | 750 | 0 | 0 | 750 | ` , | (521) |
| 2018 | 102 | 0 | 195 | 0 | | 770 | 0 | 0 | 770 | ` , | (963) |
| 2019 | 185 | 0 | 260 | 0 | | 1,053 | 0 | 0 | 1,053 | | (1,493) |
| 2020 | 236 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | (1,300) |
| 2021 | 245 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 245 | (1,114) |
| 2022 | 246 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 246 | (938) |
| 2023 | 250 | 0 | 0 | 0 | 250 | 0 | 0 | 0 | 0 | 250 | (771) |
| 2024 | 256 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 256 | (611) |
| 2025 | 259 | 0 | 0 | 0 | 259 | 0 | 0 | 0 | 0 | 259 | (460) |
| 2026 | 262 | 0 | 0 | 0 | 262 | | 0 | 0 | 0 | 262 | (317) |
| 2027 | 266 | 0 | 0 | 0 | 266 | 0 | 0 | 0 | 0 | 266 | (181) |
| 2028 | 273 | 0 | 0 | 0 | 273 | 0 | 0 | 0 | 0 | 273 279 | (51) |
| 2029 2030 | 279 288 | 0 | 0 | 0 | 279 288 | 0 | 0 | 0 | 0 | 279 288 | 73 193 |
| 2030 | 200 291 | 0 | 0 | 0 | 200 291 | 0 | 0 | 0 | 0 | 200 291 | 306 |
| 2031 | 298 | 0 | 0 | 0 | 291 | 0 | 0 | 0 | 0 | 291 | 415 |
| 2032 | 305 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 305 | 519 |
| 2033 | 313 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 313 | 618 |
| 2035 | 321 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 321 | 713 |
| 2036 | 327 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 327 | 804 |
| 2037 | 341 | 0 | 0 | 0 | 341 | 0 | 0 | 0 | 0 | 341 | 892 |
| 2038 | 349 | 0 | 0 | 0 | 349 | 0 | 0 | 0 | 0 | 349 | 977 |
| 2039 | 361 | 0 | 0 | 0 | 361 | 0 | 0 | 0 | 0 | 361 | 1,059 |
| 2040 | 374 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 374 | 1,138 |
| 2041 | 388 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 388 | 1,215 |
| NOMINAL | 6,851 | 0 | 650 | 0 | 7,501 | 2,572 | 0 | 0 | 2,572 | 4,929 | |
| NPV: | 3,000 | 0 | 604 | 0 | 3,604 | 2,389 | 0 | 0 | 2,389 | 1,215 | |
| In service y | ear of gen unit: | | 2020 | | 1.5086544 | | | | | | |

| PSC FORM CE 2.5 |
|-----------------|
| Page 1 of 1 |
| January 3 2017 |

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
|-------------|------------------------------|-----------------------------|------------|-------------------|----------------|----------------|--|----------------------------|------------------|-------------------|-------------------|--|--|
| | INCREASED SUPPLY COSTS | UTILITY PROGRAM COSTS | INCENTIVES | REVENUE LOSSES | OTHER COSTS | TOTAL COSTS | AVOIDED GEN UNIT UNIT & FUEL BENEFITS | AVOIDED T&D BENEFITS | REVENUE GAINS | OTHER BENEFITS | TOTAL BENEFITS | NET BENEFITS TO ALL CUSTOMERS | CUMULATIVE DISCOUNTED NET BENEFIT |
| YEAR | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) | \$(000) |
| 2017 | 0 | 9 | 195 | 21 | 0 | 225 | 10 | 0 | 0 | 0 | 10 | (215) | (215) |
| 2018 | 0 | 9 | 195 | 63 | 0 | 268 | 30 | 11 | 0 | 0 | 40 | (227) | (427) |
| 2019 | 0 | 13 | 260 | 114 | 0 | 386 | 57 | 11 | 0 | 0 | 67 | (319) | (706) |
| 2020 | 0 | 0 | 0 | 144 | 0 | 144 | 177 | 24 | 0 | 0 | 201 | 57 | (659) |
| 2021 | 0 | 0 | 0 | 145 | 0 | | | 24 | | 0 | 210 | 65 | (609) |
| 2022 | 0 | 0 | 0 | 146 | 0 | | | 23 | | 0 | 201 | 55 | (570) |
| 2023 | 0 | 0 | 0 | 148 | 0 | | | 23 | | 0 | 204 | 57 | (532) |
| 2024 | 0 | 0 | 0 | 149 | 0 | 149 | | 23 | | 0 | 213 | 63 | (493) |
| 2025 | 0 | 0 | 0 | 151 | 0 | | | 23 | | 0 | 224 | 73 | (450) |
| 2026 | 0 | 0 | 0 | 152 | 0 | 152 | | 23 | | 0 | 217 | 65 | (415) |
| 2027 | 0 | 0 | 0 | 154 | 0 | 154 | | 23 | | 0 | 216 | 63 | (383) |
| 2028 | 0 | 0 | 0 | 155 | 0 | 155 | | 23 | | 0 | 221 | 66 | (352) |
| 2029 | 0 | 0 | 0 | 157 | 0 | | | 22 | | 0 | 244 | 87 | (313) |
| 2030 | 0 | 0 | 0 | 159 | 0 | | | 22 | | 0 | 233 | 74 | (282) |
| 2031 | 0 | 0 | 0 | 160 | 0 | 160 | | 22 | | 0 | 235 | 75 | (253) |
| 2032 | 0 | 0 | 0 | 162 | 0 | 162 | | 22 | | 0 | 254 | 93 | (219) |
| 2033 | 0 | 0 | 0 | 163 | 0 | 163 | | 22 | | 0 | 239 | 75 | (194) |
| 2034 | 0 | 0 | 0 | 165 | 0 | | | 22 | | 0 | 261 | 96 | (163) |
| 2035 | 0 | 0 | 0 | 167 | 0 | | | 22 | | 0 | 270 | 103 | (132) |
| 2036 | 0 | 0 | 0 | 168 | 0 | | | 22 | | 0 | 275 | 107 | (103) |
| 2037 | 0 | 0 | 0 | 170 | 0 | | | 23 | | 0 | 263 | 93 | (79) |
| 2038 | 0 | 0 | 0 | 172 | 0 | | | 23 | | 0 | 272 | 101 | (54) |
| 2039 | 0 | 0 | 0 | 173 | 0 | | | 23 | | 0 | 268 | 95 | (33) |
| 2040 | 0 | 0 | 0 | 175 | 0 | | | 23 | | 0 | 282 | 107 | (10) |
| 2041 | 0 | 0 | 0 | 177 | 0 | 177 | 306 | 24 | 0 | 0 | 329 | 152 | 20 |
| NOMINAL | 0 | 31 | 650 | 3,711 | 0 | 4,392 | 4,928 | 523 | 0 | 0 | 5,451 | 1,059 | |
| NPV: | 0 | 29 | 604 | 1,686 | 0 | 2,319 | 2,098 | 241 | 0 | 0 | 2,339 | 20 | |
| Discount ra | te: | | 0.06976 | | Benefit/Co | st Ratio - [c | ol (12)/col (7)]: | | 1.01 | | | | |

EXHIBIT D

Program: ENERGY STAR for New Multi-Family Residences

Program Participation Standards

- 1. Participation is available to any new multi-family residence located in Tampa Electric's service area. All individual homes within the same facility and each individual home or unit must receive the certificate to qualify.
- 2. Rebate: \$325 for a qualifying multi-family residence or unit receiving the ENERGY STAR Certificate.
- 3. The participant must be willing to provide accessibility for a walk through of the home to verify program standards.
- The builder will be responsible for the installation of qualifying equipment or measures as well as the correction of any items necessary to meet the program standards.
- 5. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within 90 days of receiving the ENERGY STAR Certificate
 - A copy of the actual ENERGY STAR Certificate for each multi-family residences or unit
 - A certified document showing that all the multi-family residences or units within the same facility qualify
 - Installation has passed Tampa Electric's verification process
- 6. Tampa Electric will randomly perform field verification on a minimum of 10 percent of the participating Multi Family homes or units. Forms not selected for field review will have an office verification to validate information.
- 7. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

EXHIBIT E

PROGRAM NAME: PROGRAM NAME: PROGRAM NAME:

| | (a) | (b) | (c) | (d) | (e) |
|------|--------------------|--------------------------------|--------------------------------|------------------------------------|------------------------------------|
| | Total Number of | Total Number of Eligible | Annual Number of Program | Cumulative Penetration Level | Cumulative Number of Program |
| Year | Customers | Customers | Participants | % | Participants |
| 2017 | 201,074 | 3,820 | 600 | 15.7% | 600 |
| 2018 | 204,894 | 3,893 | 600 | 15.6% | 1,200 |
| 2019 | 208,787 | 3,967 | 800 | 17.1% | 2,000 |
| 2020 | 212,754 | 4,042 | 800 | 17.8% | 2,800 |
| 2021 | 216,797 | 4,119 | 800 | 18.1% | 3,600 |
| 2022 | 220,916 | 4,197 | 1,000 | 19.1% | 4,600 |
| 2023 | 225,113 | 4,277 | 1,000 | 19.8% | 5,600 |
| 2024 | 229,390 | 4,358 | 1,000 | 20.2% | 6,600 |

PROGRAM NAME:

| PAGE 2 OF 3 | EXHIBIT E | TAMPA ELECTRIC COMP |
|-------------|-----------|---------------------|
| | | OMPANY |

| | AT THE METER | | | | | | | | | | | |
|------|--------------|-----------|-----------|-----------|-----------|-----------|--|--|--|--|--|--|
| | Per | Per | Per | Total | Total | Total | | | | | | |
| | Customer | Customer | Customer | Annual | Annual | Annual | | | | | | |
| | kWh | Winter kW | Summer kW | GWh | Winter MW | Summer MW | | | | | | |
| Year | Reduction | Reduction | Reduction | Reduction | Reduction | Reduction | | | | | | |
| 2017 | 1,239 | 0.242 | 0.361 | 0.743 | 0.145 | 0.217 | | | | | | |
| 2018 | 1,239 | 0.242 | 0.361 | 1.487 | 0.290 | 0.433 | | | | | | |
| 2019 | 1,239 | 0.242 | 0.361 | 2.478 | 0.484 | 0.722 | | | | | | |
| 2020 | 1,239 | 0.242 | 0.361 | 3.469 | 0.678 | 1.011 | | | | | | |
| 2021 | 1,239 | 0.242 | 0.361 | 4.460 | 0.871 | 1.300 | | | | | | |
| 2022 | 1,239 | 0.242 | 0.361 | 5.699 | 1.113 | 1.661 | | | | | | |
| 2023 | 1,239 | 0.242 | 0.361 | 6.938 | 1.355 | 2.022 | | | | | | |
| 2024 | 1,239 | 0.242 | 0.361 | 8.177 | 1.597 | 2.383 | | | | | | |

ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

| | AT THE GENERATOR | | | | | | | | | | |
|------|------------------|-----------|-----------|-----------|-----------|-----------|--|--|--|--|--|
| | Per | Per | Per | Total | Total | Total | | | | | |
| | Customer | Customer | Customer | Annual | Annual | Annual | | | | | |
| | kWh | Winter kW | Summer kW | GWh | Winter MW | Summer MW | | | | | |
| Year | Reduction | Reduction | Reduction | Reduction | Reduction | Reduction | | | | | |
| 2017 | 1,313 | 0.258 | 0.385 | 0.788 | 0.155 | 0.231 | | | | | |
| 2018 | 1,313 | 0.258 | 0.385 | 1.576 | 0.310 | 0.462 | | | | | |
| 2019 | 1,313 | 0.258 | 0.385 | 2.627 | 0.516 | 0.770 | | | | | |
| 2020 | 1,313 | 0.258 | 0.385 | 3.677 | 0.722 | 1.078 | | | | | |
| 2021 | 1,313 | 0.258 | 0.385 | 4.728 | 0.929 | 1.385 | | | | | |
| 2022 | 1,313 | 0.258 | 0.385 | 6.041 | 1.187 | 1.770 | | | | | |
| 2023 | 1,313 | 0.258 | 0.385 | 7.355 | 1.445 | 2.155 | | | | | |
| 2024 | 1,313 | 0.258 | 0.385 | 8.668 | 1.703 | 2.540 | | | | | |

PROGRAM NAME: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES