Maria Jose Moncada Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 (561) 304-5795 (561) 691-7135 (Facsimile) Email : maria.moncada@fpl.com

August 26, 2021

VIA ELECTRONIC FILING

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

Re: Docket No. 20210015-EI

Dear Mr. Teitzman:

I enclose for filing in the above referenced docket Florida Power & Light Company's ("FPL") response to Request No. 2 of the Staff of the Florida Public Service Commission's ("Staff") Fifth Data Request (Nos. 1-23), which is being filed consistent with the two-day extension agreed upon by FPL and Staff. Under this cover, FPL is also filing its amended response to Staff's Fifth Data Request, No. 19.

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

Sincerely,

/s/ Maria Jose Moncada

Maria Jose Moncada Senior Attorney Fla. Bar No. 0773301

Enclosures



CERTIFICATE OF SERVICE 20210015-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 26th day of August 2021 to the following parties:

Suzanne Brownless Bianca Lherisson Shaw Stiller Florida Public Service Commission Office of the General Counsel 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 sbrownle@psc.state.fl.us blheriss@psc.state.fl.us sstiller@psc.state.fl.us

James W. Brew Laura Wynn Baker Joseph R. Briscar Stone Mattheis Xenopoulos & Brew, PC 1025 Thomas Jefferson St, NW Suite 800 West Washington, D.C. 20007 jbrew@smxblaw.com lwb@smxblaw.com jrb@smxblaw.com **Attorneys for Florida Retail Federation**

Barry A. Naum SPILMAN THOMAS & BATTLE, PLLC 1100 Bent Creek Boulevard, Suite 101 Mechanicsburg, PA 17050 bnaum@spilmanlaw.com Attorney for Walmart

George Cavros Southern Alliance for Clean Energy 120 E. Oakland Park Blvd., Suite 105 Fort Lauderdale, Florida 33334 george@cavros-law.com Attorney for Southern Alliance for Clean Energy Office of Public Counsel Richard Gentry Patricia A. Christensen Anastacia Pirrello c/o The Florida Legislature 111 W. Madison St., Rm 812 Tallahassee FL 32399-1400 gentry.richard@leg.state.fl.us christensen.patty@leg.state.fl.us pirrello.anastacia@leg.state.fl.us Attorneys for the Citizens of the State of Florida

Jon C. Moyle, Jr. Karen A. Putnal Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, Florida 32301 jmoyle@moylelaw.com kputnal@moylelaw.com mqualls@moylelaw.com Attorneys for Florida Industrial Power Users Group

Stephanie U. Eaton SPILMAN THOMAS & BATTLE, PLLC 110 Oakwood Drive, Suite 500 Winston-Salem, NC 27103 seaton@spilmanlaw.com Attorney for Walmart

Nathan A. Skop, Esq. 420 NW 50th Blvd. Gainesville, FL 32607 n_skop@hotmail.com **Attorney for Mr. & Mrs. Daniel R. Larson** Katie Chiles Ottenweller Southeast Director Vote Solar 838 Barton Woods Road Atlanta, GA 30307 katie@votesolar.org Attorney for Vote Solar

Thomas A. Jernigan, GS-13, DAF AFIMSC/JA Holly L. Buchanan, Maj, USAF AF/JAOE-**ULFSC** Robert J. Friedman, Capt., USAF Arnold Braxton, TSgt, USAF Ebony M. Payton Scott L. Kirk, Maj, USAF 139 Barnes Drive, Suite 1 Tyndall Air Force Base, Florida 32403 ULFSC.Tyndall@us.af.mil thomas.jernigan.3@us.af.mil Holly.buchanan.1@us.af.mil robert.friedman.5@us.af.mil arnold.braxton@us.af.mil ebony.payton.ctr@us.af.mil scott.kirk.2@us.af.mil **Attorneys for Federal Executive Agencies**

Floyd R. Self, B.C.S. Berger Singerman, LLP 313 North Monroe Street, Suite 301 Tallahassee, FL 32301 fself@bergersingerman.com

T. Scott Thompson, Esq. Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. 555 12th Street NW, Suite 1100 Washington, DC 20004 SThompson@mintz.com Attorneys for Florida Internet and Television Association, Inc. William C. Garner Law Office of William C. Garner, PLLC 3425 Bannerman Road Unit 105, #414 Tallahassee, FL 32312 bgarner@wcglawoffice.com Attorney for The CLEO Institute Inc.

Bradley Marshall Jordan Luebkemann Earthjustice 111 S. Martin Luther King Jr. Blvd. Tallahassee, Florida 32301 bmarshall@earthjustice.org jluebkemann@earthjustice.org

Christina I. Reichert Earthjustice 4500 Biscayne Blvd., Ste. 201 Miami, FL 33137 creichert@earthjustice.org flcaseupdates@earthjustice.org Attorneys for Florida Rising, Inc. League of United Latin American Citizens of Florida Environmental Confederation of Southwest Florida, Inc.

Robert Scheffel Wright John T. LaVia, III Gardner, Bist, Bowden, Dee, LaVia, Wright & Perry, P.A. 1300 Thomaswood Drive Tallahassee, Florida 32308 schef@gbwlegal.com jlavia@gbwlegal.com **Attorneys for Floridians Against Increased Rates, Inc.**

By: <u>/s/ Maria Jose Moncada</u> Maria Jose Moncada Fla. Bar No. 0773301

Florida Power & Light Company Docket No. 20210015-EI Staff's Fifth Data Request Request No. 2 Page 1 of 1

QUESTION:

Please provide an MFR schedule E-8 showing how the Settlement increase was allocated to the rate classes.

RESPONSE:

Please see Attachment 1 for Test Year 2022 Settlement MFR E-8 and Attachment 2 for Subsequent Year 2023 Settlement MFR E-8.

Florida Power & Light Company Docket No. 20210015-EI Staff's Fifth Data Request Request No. 2 Attachment 1 of 2 Tab 1 of 1 Schedule E-8 (with RSAM)

COMPANY-PROPOSED ALLOCATION OF THE RATE INCREASE BY RATE CLASS

EXPLANATION Provide a schedule which shows the company-proposed increase in revenue

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER & LIGHT COMPANY AND SUBSIDIARIES (CONSOLIDATED)

DOCKET NO.: 20210015-EI

by rate schedule and the present and company-proposed class rates of return under the proposed cost of service study. Provide justification for every class not left at the system rate of return. If the increase from service charges by rate class does not equal that shown on Schedule E-13b or if the increase from sales of electricity does not equal that shown on Schedule E-13a, provide an explanation.
 Type of Data Shown:

 X
 Projected Test Year Ended: 12/31/22

 Prior Year Ended: _/_/_

 Historical Test Year Ended: _/_/_

Witness: Tiffany C. Cohen

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|-------------|-----------------------|-------------------|---|---------------------------------------|----------------------------------|--|---------------------------|------------------------|-------------------------|---------------------------|--|--|
| Line No. | Rate Class | Present ROR | Present Index | Present Class Operating Revenue | Increase from Service Charges | Increase from Sales of Electricity | Increase from Unbilled | Total Increase | Company Proposed ROR | Company Proposed Index | % Increase With Adjustment Clauses | % Increase Without Adjustment Clauses |
| 1 | CILC-1D | 4.78% | 89% | 108,148 | - | 9,483 | (2) | 9,482 | 7.16% | 112% | 4.7% | 8.8% |
| | CILC-1G | 4.87% | 91% | 5,213 | - | 488 | (0) | 488 | 7.38% | | 5.2% | 9.4% |
| 3 | CILC-1T | 4.22% | 79% | 42,484 | - | 2,987 | (1) | 2,986 | 5.24% | | 3.0% | 7.0% |
| 4 | GS(T)-1 | 5.55% | 104% | 596,149 | 7,226 | 66,126 | (5) | 73,346 | 6.50% | | 7.9% | 12.3% |
| 5 | GSCU-1 | 7.44% | 139% | 4,441 | - | 392 | (0) | 392 | 4.93% | | 5.6% | 8.8% |
| 6 | GSD(T)-1 | 4.48% | 84% | 1,448,892 | - | 127,768 | (18) | 127,750 | 6.86% | | 5.0% | 8.8% |
| 7 | GSLD(T)-1 | 3.13% | 58% | 465,475 | - | 40,100 | (6) | 40,094 | 5.56% | | 4.6% | 8.6% |
| 8 | GSLD(T)-2 | 2.61% | 49% | 138,107 | - | 11,842 | (2) | 11,840 | 4.89% | | 4.2% | 8.6% |
| 9 | GSLD(T)-3 | 2.49% | 47% | 24,937 | - | 2,455 | (1) | 2,455 | 3.90% | | 4.0% | 9.8% |
| | MET | 5.00% | 93% | 4,198 | - | 373 | (0) | 373 | 7.53% | | 5.0% | 8.9% |
| 11 | OL-1 | 7.41% | 138% | 15,366 | - | 1,175 | (0) | | 4.41% | | 6.4% | 7.6% |
| | OS-2 | 4.57% 6.02% | 85% 112% | 1,102 | - | 97 | (0) | 97 | 13.17% 6.38% | | 6.5% 5.4% | 8.8% 8.3% |
| | RS(T)-1 SL-1 | 6.12% | 112% | 4,949,587 123,948 | 21,316 | 389,493 9.660 | (41) | 410,769 9,660 | 0.38% 7.42% | | 5.4% 6.9% | 8.3% 7.8% |
| | SL-1M | 6.13% | 114% | 941 | - | 9,000 | (0) (0) | 9,000 | 9.87% | | 4.5% | 8.9% |
| | SL-1M SL-2 | 5.94% | 114 % | 1,944 | - | 173 | (0) | 173 | 9.87% 8.73% | | 4.5% 5.2% | 8.9% |
| | SL-2M | 8.42% | 157% | 212 | | 19 | (0) | 173 | 3.51% | | 5.8% | 8.9% |
| 18 | SST-DST | 8.73% | 163% | 1,579 | _ | (1,043) | (0) | | | | (62.8%) | (66.0%) |
| | SST-TST | 17.91% | 335% | 6,021 | - | 1,860 | (0) | 1,860 | 21.70% | | 21.2% | 30.9% |
| 20 | TOTAL RETAIL | 5.35% | 100% | 7,938,744 | 28,542 | 663,534 | (76) | 692,000 | 6.40% | | 5.4% | 8.7% |
| 21 | | | | .,, | | | () | , | | | | |
| 22 | | | | | | | | | | 1.5 X | 8.1% | |
| 23 | | | | | | | | | | Max | 21.2% | |
| 24 | | | | | | | | | | | | |
| 25 | NOTES: | | | | | | | | | | | |
| 26 | Columns 2 and 3: | Columns 2 and 3 i | reflect FPL's as-filed | 12CP 1/13th Cos | st of Service method | lology. | | | | | | |
| 27 | | | olumn 4 reflects the as-filed Present Operating Revenue. | | | | | | | | | |
| 28 | Columns 5 through 8: | | | | | | | ettlement Agreement. | | | | |
| 29 | | | ncrease from Service Charges in Column 5 includes Misc Service Revs - Other Billings (Minimum Bill). | | | | | | | | | |
| 30 | Columns 9 through 10: | | | | | | | | | | | |
| 31 | | U . | | | consistent with prior | 0 | | | | | | |
| 32 | | | | | | | | vice". As a proxy, FPL | | | | |
| 33 | | | () | | | | | nns 9 and 10 for the P | | 0 | | |
| 34 | . | | | | | | | eases to 1.5 times the | system average incre | ase. | | |
| 35 | Column 11: | | | | sed base revenues | | | | | | | |
| 36 | | SST-DST and SS | T-DST and SST-TST were designed as one rate class, which resulted in a % Increase with Adjustment Clauses of 7.8% in total. | | | | | | | | | |
| 37 | | | | | | | | | | | | |

38 TOTAL MAY NOT ADD DUE TO ROUNDING.

Page 1 of 1

| Florida Power & Light Company Docket No. 20210015-EI Staff's Fifth Data Request Request No. 2 Attachment 2 of 2 | | |
|---|---|--|
| Tab 1 of 1 Schedule E-8 (with RSAM) 2023 SUBSEQUENT YEAR ADJUSTMENT | COMPANY-PROPOSED ALLOCATION OF THE RATE INCREASE BY RATE CLASS | Page 1 of 1 |
| FLORIDA PUBLIC SERVICE COMMISSION | EXPLANATION: Provide a schedule which shows the company-proposed increase in revenue by rate schedule and the present and company-proposed class rates of return | Type of Data Shown: Projected Test Year Ended / / |
| COMPANY: FLORIDA POWER & LIGHT COMPANY | under the proposed cost of service study. Provide justification for every | Prior Year Ended/_/ |
| AND SUBSIDIARIES (CONSOLIDATED) | class not left at the system rate of return. If the increase from service charges by rate class does not equal that shown on Schedule E-13b or if the | Historical Test Year Ended/_/ X Proj. Subsequent Yr. Ended 12/31/23 |
| DOCKET NO.: 20210015-EI | increase from sales of electricity does not equal that shown on Schedule E-13a, provide an explanation. | Witness: Tiffany C. Cohen |

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|------------------|---|--|--|--|--|---|---|---|---|--|---|
| Rate Class | Present ROR | Present Index | Present Class Operating Revenue | Increase from Service Charges | Increase from Sales of Electricity | Increase from Unbilled | Total Increase | Company Proposed ROR | Company Proposed Index | % Increase With Adjustment Clauses | % Increase Without Adjustment Clauses |
| CILC-1D | 4.14% | 87% | 108,872 | | 15,795 | 9 | 15,804 | 7.06% | 108% | 7.9% | 14.5% |
| CILC-1G | 4.28% | 90% | 5,245 | | 788 | 0 | 788 | 7.36% | 113% | 8.5% | 15.0% |
| CILC-1T | 3.57% | 75% | 43,445 | | 6,072 | 6 | 6,077 | 4.95% | 76% | 6.2% | 14.0% |
| GS(T)-1 | 4.94% | 103% | 604,401 | 11,120 | 114,413 | 31 | 125,564 | 6.82% | 105% | 13.5% | 20.8% |
| | | | | | | 0 | | | 76% | 10.0% | 15.5% |
| GSD(T)-1 | | 82% | 1,464,509 | | | 104 | | 7.00% | 108% | 9.6% | 16.5% |
| GSLD(T)-1 | | 55% | 467,944 | | 71,920 | 38 | 71,958 | 5.40% | 83% | 8.4% | 15.4% |
| GSLD(T)-2 | | 45% | 140,200 | | 21,817 | 14 | 21,831 | 4.68% | 72% | 7.8% | 15.6% |
| GSLD(T)-3 | 1.83% | 38% | 25,165 | | 4,766 | 4 | 4,769 | 3.52% | 54% | 7.9% | 19.0% |
| MET | | | | | 1,086 | 0 | 1,086 | 8.95% | 138% | 14.9% | 25.9% |
| OL-1 | 6.75% | 141% | 15,167 | | 1,406 | 0 | 1,406 | 3.98% | 61% | 7.8% | 9.3% |
| OS-2 | 4.25% | 89% | 1,102 | | 221 | 0 | 221 | 15.44% | 237% | 14.7% | 20.1% |
| | 5.43% | 114% | 4,970,049 | 32,070 | 708,981 | 238 | 741,290 | 6.47% | 99% | 9.9% | 14.9% |
| | 6.09% | 127% | 130,036 | | 17,431 | 1 | 17,432 | 8.42% | 129% | 12.2% | 13.4% |
| SL-1M | 5.75% | 120% | 1,155 | | 170 | 0 | 170 | 11.02% | 169% | 7.7% | 14.7% |
| SL-2 | 5.21% | 109% | 1,932 | | 303 | 0 | 303 | 9.00% | 138% | 9.3% | 15.7% |
| SL-2M | 13.65% | 286% | 1,230 | | 273 | 0 | 273 | 16.20% | 249% | 14.9% | 22.2% |
| | | | | | (1,009) | 0 | (1,009) | 2.79% | 43% | (60.1%) | (63.9%) |
| SST-TST | 16.73% | 350% | 6,033 | | 2,432 | 0 | 2,432 | 24.82% | 382% | 27.8% | 40.3% |
| TOTAL RETAIL | 4.78% | 100% | 7,996,730 | 43,190 | 1,208,364 | 447 | 1,252,000 | 6.50% | 100% | 9.9% | 15.7% |
| | | | | | | | | | | | |
| | | | | | | | | | 1.5 X | 14.9% | |
| | | | | | | | | | Max | 27.8% | |
| | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | |
| Columns 2 and 3: | Columns 2 and 3 r | reflect FPL's as-filed 1 | 2CP 1/13th Cost | of Service method | ology. | | | | | | |
| | Rate Class CILC-1D CILC-1G CILC-1G GSU(T)-1 GSD(T)-1 GSLD(T)-2 GSLD(T)-3 MET OL-1 OS-2 RS(T)-1 SL-1M SL-2M SST-DST SST-TST TOTAL RETAIL | Rate Class Present ROR CILC-1D 4.14% CILC-1G 4.28% CILC-1G 4.28% CILC-1G 4.28% GS(T)-1 3.57% GSCU-1 6.77% GSD(T)-1 3.91% GSLD(T)-2 2.16% GSLD(T)-2 2.16% GSLD(T)-3 1.83% NET 4.43% OL-1 6.75% OS-2 4.25% RS(T)-1 5.43% SL-1 6.09% SL-1 5.75% SL-2 5.21% SL-2M 13.65% SST-TST 16.73% TOTAL RETAIL 4.78% NOTES: Columns 2 and 3: | Rate Class Present ROR Present Index CILC-1D 4.14% 87% CILC-1G 4.28% 90% CILC-1G 4.28% 90% CILC-1T 3.57% 75% GS(T)-1 4.94% 103% GSUD1 6.77% 142% GSD(T)-1 3.91% 82% GSLD(T)-1 2.64% 55% GSLD(T)-2 2.16% 45% GSLD(T)-3 1.83% 38% NET 4.43% 93% OL-1 6.75% 141% OS-2 4.25% 89% RS(T)-1 5.43% 114% SL-1 6.09% 127% SL-1 6.09% 127% SL-2 5.21% 109% SL-2M 13.65% 286% SST-DST 8.08% 169% SST-TST 16.73% 350% TOTAL RETAIL 4.78% 100% | Rate Class Present ROR Present Index Present Class Operating Revenue CILC-1D 4.14% 87% 108,872 CILC-1G 4.28% 90% 5,245 CILC-1T 3.57% 75% 43,445 GS(T)-1 4.94% 103% 604,401 GSCU-1 6.77% 142% 4,471 GSD(T)-1 3.91% 82% 1,464,509 GSLD(T)-2 2.16% 45% 407,944 GSLD(T)-3 1.83% 38% 25,165 MET 4.43% 93% 4,196 OL-1 6.75% 141% 15,167 OS-2 4.25% 89% 1,102 RS(T)-1 5.43% 114% 4,970,049 SL-1 6.09% 127% 130,036 SL-1 5.21% 109% 1,932 SL-2 5.21% 109% 1,932 SL-2M 13.65% 266% 1,230 SST-DST 8.08% 169% 1,579 | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges CILC-1D 4.14% 87% 108,872 CILC-1G 4.28% 90% 5,245 CILC-1T 3.57% 75% 43,445 GS(T)-1 4.94% 103% 604,401 11,120 GSCU-1 6.77% 142% 4,471 GSD(T)-1 3.91% 82% 1,464,509 GSLD(T)-2 2.16% 45% 140,200 GSLD(T)-3 1.83% 38% 25,165 MET 4.43% 93% 4,196 OL-1 6.75% 141% 15,167 OS-2 4.25% 89% 1,102 RS(T)-1 5.43% 114% 4,970,049 32,070 SL-1 6.09% 127% 130,036 SL-14 6.09% 1,555 SL-2 5.21% 109% 1,320 SST-DST 8.08% 169% 1,579 SST-DST 16.73% | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges Increase from Sales of Electricity CILC-1D 4.14% 87% 108.872 15.795 CILC-1G 4.28% 90% 5.245 788 CILC-1T 3.57% 75% 43.445 6.072 GS(T)-1 4.94% 103% 604.401 11.120 114.413 GSCU-1 6.77% 142% 4.471 692 240.809 GSLD(T)-1 2.64% 55% 467.944 71.920 63L0(T)-2 2.16% 45% 140.200 2.1,817 GSLD(T)-2 2.16% 45% 140.200 2.1,817 60.2,1 1.0,86 1.0,86 OL-1 6.75% 141% 15,167 1.406 2.21 SCI(T)-1 5.43% 93% 1,102 2.211 1.7,431 SL-1M 5.75% 120% 1,155 170 SL-2 5.21% 109% 1,230 2.73 | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges Increase from Sales of Electricity Increase from Unbilled CILC-1D 4.14% 87% 108,872 15,795 9 CILC-1G 4.28% 90% 5,245 788 0 CILC-1T 3.57% 75% 43,445 6,072 6 GS(T)-1 4.94% 103% 604,401 11,120 114,413 31 GSCU-1 6,77% 142% 4,471 692 0 GSLD(T)-1 2,64% 55% 467,944 71,920 38 GSLD(T)-2 2,16% 45% 140,200 21,817 14 GSLD(T)-3 1.83% 38% 25,165 4,766 4 MET 4.43% 93% 1,102 221 0 OS-2 4.25% 89% 1,102 221 0 SL-1 6.09% 127% 130,036 17,431 1 SL-2 | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges Increase from Sales of Electricity Increase from Unbilled Total Increase CILC-1D 4.14% 87% 108,872 15,795 9 15,804 CILC-1G 4.28% 90% 5,245 788 0 788 CILC-11 3.57% 75% 43,445 6,072 6 6,077 SQLD-11 6.77% 142% 4,471 692 0 692 SQD(T)-1 3.91% 82% 1,464,509 240,809 104 240,913 GSLD(T)-1 2.64% 55% 467,944 71,920 38 71,958 GSLD(T)-2 2.16% 45% 140,200 21,817 14 21,831 GSLD(T)-3 1.83% 33% 25,165 4,766 4 4,769 MET 4.43% 93% 4,196 1,066 1,086 0 1,484 OSLD(T)-3 5.23% 89% | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from service Charges Increase from Electricity Increase from Unbilled Total Increase Company Proposed ROR CILC-1D 4.14% 87% 108,872 15,795 9 15,804 7,06% CILC-1G 4.28% 90% 5,245 7788 0 788 7,36% CILC-1T 3,57% 75% 43,445 6,072 6 6,077 4,95% GSUT)-1 4,94% 103% 604,401 11,120 114,413 31 125,564 6,82% GSUT)-1 3,91% 82% 1,464,509 240,809 104 240,913 7,00% GSLD[T)-1 2,64% 55% 467,944 71,920 38 71,958 5,40% GSLD[T)-2 1,83% 38% 25,165 4,766 4 4,769 3,52% MET 4,43% 93% 1,102 221 0 221 15,44% SL1 6,05% </td <td>Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges Increase from Selvice Charges Increase from Unbilled Total Increase Company Proposed ROR Company Proposed Proposed Index CILC-1D 4.14% 87% 108.872 15.795 9 15.804 7.06% 108% CILC-1T 3.57% 75% 43.445 6.072 6 6.077 4.95% 105% GSU-1 6.77% 142% 4.471 662 0 692 4.94% 105% GSUD[1-1 3.91% 82% 1.464.509 240.809 104 240.913 7.00% 108% GSUD[1-2 2.16% 4.55% 467.944 7.1920 38 71.958 5.40% 83% GSUD[1-2 2.16% 4.55% 140.200 21.817 14 21.831 4.66% 72% GSUD[1-3 1.83% 93% 4.196 1.068 0 1.068 8.95% 133% OL-1 6.75%</td> <td>Rate Class Present RoR Present lidex Present lidex Increase from Device Charges Increase from Sales of Electricity Increase from Unbilled Total Increase Company Proposed ROR Company Proposed Proposed Index % Increase With Adjustment CILC-1D 4.14% 87% 108.672 7.88 9 15.804 7.06% 108% 7.9% CILC-1T 3.57% 77% 43.445 6.072 6 6.077 4.95% 76% 6.2% GSUD-1 6.77% 4.94% 103% 604.401 11.120 114.413 31 125.564 6.82% 105% 10.0% 56% 10.0% 56.2% 50.0% 10.0% 24.06.00 104 24.09.03 7.00% 0.83% 8.4% 650.0% 10.0% 3.9% 10.0% 9.6% 10.0% 9.6% 10.0% 9.6% 10.0% 9.6% 10.0% 9.6% 10.0% 9.6% 10.0% 9.6% 10.0% 13.5% 5.4% 7.9% 10.0% 5.6% 10.0% 10.0% <t< td=""></t<></td> | Rate Class Present ROR Present Index Present Class Operating Revenue Increase from Service Charges Increase from Selvice Charges Increase from Unbilled Total Increase Company Proposed ROR Company Proposed Proposed Index CILC-1D 4.14% 87% 108.872 15.795 9 15.804 7.06% 108% CILC-1T 3.57% 75% 43.445 6.072 6 6.077 4.95% 105% GSU-1 6.77% 142% 4.471 662 0 692 4.94% 105% GSUD[1-1 3.91% 82% 1.464.509 240.809 104 240.913 7.00% 108% GSUD[1-2 2.16% 4.55% 467.944 7.1920 38 71.958 5.40% 83% GSUD[1-2 2.16% 4.55% 140.200 21.817 14 21.831 4.66% 72% GSUD[1-3 1.83% 93% 4.196 1.068 0 1.068 8.95% 133% OL-1 6.75% 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27 Column 4: Column 4 reflects the as-filed Present Operating Revenue.

| 28 | Columns 5 through 8: | Information shown in Columns 5 through 8 reflects the negotiated revenue allocation pursuant to the Proposed Settlement Agreement. |
|----|-----------------------|--|
| 29 | | Increase from Service Charges in Column 5 includes Misc Service Revs - Other Billings (Minimum Bill). |
| 30 | Columns 9 through 10: | The signatory parties did not agree to a specific cost of service methodology in the Proposed Settlement Agreement and, instead, |
| 31 | | agreed to a specific allocation of the revenue increase consistent with prior settlement agreements. Therefore, parity for each rate |
| 32 | | class under the Proposed Settlement Agreement cannot be determined by application of a "settlement cost of service". As a proxy, FPL and Staff agreed that the Minimum |
| 33 | | Distribution System (MDS) cost of service methodology would be used to estimate the information shown in Columns 9 and 10 for the Proposed Settlement Agreement. |
| 34 | | Rate classes left below the system rate of return are due to application of FPSC practice of limiting rate class increases to 1.5 times the system average increase. |
| 35 | Column 11: | The percent increase in column 11 includes 2023 proposed base revenues with adjustment clauses. |
| 36 | | SST-DST and SST-TST were designed as one rate class, which resulted in a % Increase with Adjustment Clauses of 13.6% in total. |
| 37 | | |
| 38 | TOTAL MAY NOT ADD DUE | TO ROUNDING. |

Supporting Schedules: E-1, E-5

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QUESTION:

Referring to Paragraph 22(iii) of the Settlement, please respond to the following questions regarding the Residential Electric Vehicle Charging Services Pilot.

- a. Paragraph 22(iii) of the Settlement states "The total investment in the Residential EV Charging Pilot is forecast to be \$25 million over the four-year period 2022-2025." Tariff Sheet No. 8.213 states "This Rider shall expire five years from the effective date of this program..." Please clarify if FPL intends for the pilot program period to last four or five years. If the above statement from tariff Sheet No. 8.213 is accurate, please provide the total forecasted investment into the pilot program over the five-year period 2022-2026.
- b. Referring to tariff Sheet No. 8.213, please demonstrate how FPL determined the Total Monthly Service Payments for Full Installations and Equipment Only Installations.
- c. Referring to tariff Sheet No. 8.213, please demonstrate how FPL determined the EV Energy Charge for On-Peak and Off-Peak periods.
- d. Please provide the projected number of program participants for each year of the pilot program.
- e. Please explain if FPL intends to provide the Commission with program data and any insights gained from the Residential Electric Vehicle Charging Services Pilot after the program ends.
- f. Please explain why FPL believes it is appropriate to provide installation service behind the customer's meter, as a regulated utility, to install a 240V circuit, up to 15 feet of 50A branch circuit and the associated designing and permitting.
- g. Please explain if FPL or a third-party contractor will complete the installation service if participants opt for a Full Installation, as described on tariff Sheet No. 9.843.
- h. Please refer to tariff Sheet No. 9.843, under Scope of Services. Please explain the impact to participants, if any, in the event the participant's internet service provider fails to provide internet service, though no fault of the participant.

RESPONSE:

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- a. Tariff Sheet No. 8.213 contains a typographical error and Paragraph 22(iii) is correct; FPL intends for the pilot program period to last four years. FPL will provide a corrected copy of the tariff sheet.
- b. The Total Monthly Service Payment is the sum of the Monthly Program Charge and the Monthly Off-Peak Energy Charge.

The Monthly Program Charge is designed to recover the non-energy revenue requirements of the residential EV program over a ten-year period, thereby leaving non-participants harmless on a present value basis. The Monthly Program Charge was calculated by levelizing FPL's anticipated upfront costs for charging equipment, installation, technology costs, and customer acquisition (taking into account FPL's weighted average cost of capital, property tax and insurance rates); and then adding projected annual Operations and Maintenance (O&M) and General and Administrative (G&A) costs; all divided by 12 months per year.

The difference between the Full Installation and Equipment Only Installation charges is a function of FPL's projected costs for the Company's scope of the installation. These calculations are shown in the table below, where the 10-year levelization factor represents the ratio of the annual payment to the upfront costs, such that the present value of the 10-year payment stream is equal to the cumulative present value revenue requirements of the associated depreciation, return on capital, property tax, insurance costs, and upfront operating expenses.



The Monthly Off-Peak Energy Charge was determined by multiplying the expected average monthly residential charging usage in kilowatt-hours (kWh) by the off-peak energy charges consistent with the Residential Time of Use Rider (RTR-1 – Sheet No. 8.203).

The expected average monthly residential charging (kWh) was estimated by dividing the average monthly mileage of Florida drivers¹ by the weighted average efficiency of electric

¹ According to the Federal Highway Administration, the annual vehicle miles per licensed driver in Florida is 11,836 miles. <u>https://www.fhwa.dot.gov/ohim/onh00/onh2p11.htm</u>

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vehicles in FPL and Gulf service territory²; and then multiplying by the assumed percentage of time drivers charge at home³. Although the expected usage is based on high-level assumptions, conducting this pilot will provide data on actual usage that will inform possible future versions of this program.

The calculations of the Monthly Off-Peak Energy Charge are demonstrated in the table below.

| Off-Peak Energy Charge | | |
|-------------------------------------|---|-------------|
| Est. Annual Driving Distance (mi.) | | 11,836 |
| Divided by 12 Months | ÷ | 12 |
| Est. Monthly Driving Distance (mi.) | | 986 |
| Vehicle Efficiency (mi/kWh) | ÷ | 3.3 |
| Monthly Energy Usage (kWh) | | 299 |
| Estimated % Charged at Home | × | 85% |
| Monthly Residential Charging (kWh) | | 254 |
| Off-Peak Energy Rate (\$/kWh) | × | 0.0501 |
| Monthly Off-Peak Energy Charge | | \$ 12.73 |

² Based on weighted average efficiency of vehicles registered in FPL/Gulf service territory, using Florida Department of Motor Vehicles and US Department of Energy data.

³ FPL assumes EV drivers charge 85% at home, based on research of numerous sources with estimates that range from 70-90%, including, Consumer Reports, "Consumer Interest and Knowledge of EVs" (December 2020) <u>https://advocacy.consumerreports.org/wp-content/uploads/2020/12/CR-National-EV-Survey-December-2020-2.pdf</u>. Idaho National Laboratory, "Plugged In: How Americans Charge Their Electric Vehicles," 2015, <u>https://avt.inl.gov/sites/default/files/pdf/arra/ARRAPEVnInfrastructureFinalReportLqltySept2015.pdf</u>. AlixPartners, "Electric Vehicle Penetration and Energy Disruption Discussion." (April 1, 2021).

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The Off-Peak Energy Rate per kWh was determined using the rates in the below table.

| <u>Off-Peak Energy Rate per kWh</u> | <u>\$/kWh</u> | source |
|---------------------------------------|---------------|---------------------------|
| Base Energy, First 1,000 kWh | 0.06683 | Sheet No. 8.201 |
| Base Energy, All additional kWh | 0.07683 | Sheet No. 8.201 |
| Weighted Average Base Energy | 0.07002 | weighted 68.1%:31.9% |
| Off-Peak Base Energy Rider | (0.05267) | Sheet No. 8.203 |
| Off-Peak Base Energy | 0.01735 | subtotal |
| Fuel, First 1,000 kWh | 0.02174 | As filed 2022 projections |
| Fuel, All additional kWh | 0.03174 | As filed 2022 projections |
| Weighted Average Fuel | 0.02493 | weighted 68.1%:31.9% |
| Off-Peak Fuel Rider | (0.00164) | As filed 2022 projections |
| Off-Peak Fuel | 0.02329 | subtotal |
| Other Clause Rates | 0.00946 | As filed 2022 projections |
| Off-Peak Clause Energy | 0.03275 | subtotal |
| Total Off-Peak Base and Clause Energy | 0.05010 | total |

c. The Off-Peak Energy Charge is detailed in section (b) to this response. The per kWh On-Peak energy charge is based on the on-peak energy charges consistent with the Residential Time of Use Rider (RTR-1 – Sheet No. 8.203).

| On-Peak Energy Rate per kWh | <u>\$/kWh</u> | source |
|--------------------------------------|---------------|---------------------------|
| Base Energy, First 1,000 kWh | 0.06683 | Sheet No. 8.201 |
| Base Energy, All additional kWh | 0.07683 | Sheet No. 8.201 |
| Weighted Average Base Energy | 0.07002 | weighted 68.1%:31.9% |
| On-Peak Base Energy Rider | 0.12043 | Sheet No. 8.203 |
| On-Peak Base Energy | 0.19045 | subtotal |
| Fuel, First 1,000 kWh | 0.02174 | As filed 2022 projections |
| Fuel, All additional kWh | 0.03174 | As filed 2022 projections |
| Weighted Average Fuel | 0.02493 | weighted 68.1%:31.9% |
| On-Peak Fuel Rider | 0.00384 | As filed 2022 projections |
| On-Peak Fuel | 0.02877 | subtotal |
| Other Clause Rates | 0.00946 | As filed 2022 projections |
| On-Peak Clause Energy | 0.03823 | subtotal |
| Total On-Peak Base and Clause Energy | 0.22868 | total |

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| Year | Projected Participants per Year |
|------|---------------------------------|
| 2022 | 500 |
| 2023 | 2,000 |
| 2024 | 5,000 |
| 2025 | 7,500 |

d. For purposes of initial planning, FPL projected the following participation:

Actual participation will vary; one of the Pilot objectives is to obtain information about how many customers may elect to participate in a program of this nature.

- e. Yes, FPL intends to share key learnings and insights at the end of the program.
- f. As a voluntary tariff, the Pilot is designed to meet the customer's needs, which include having Full Installation and Equipment Only Installation options. One of the Pilot objectives is to gain experience and obtain information about customer preference and the benefits, costs, and optimal economic implementation of various solutions.
- g. FPL intends to use third-party contractors, selected through a competitive bidding process, to complete the installation service.
- h. An interruption in internet service will have no impact on the Participant. FPL plans to deploy EV chargers with local data storage capabilities that can store 90 days to 6 months' worth of historical charging session data. When service is restored, any missing data will be retrieved from the EV charger.