

TECO - Letter dated 7/8/22, with attached  
answers to staff's first data request (Nos. 1-13),  
Excel format provided on USB drive

(Including Attachements)



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July 8, 2022

VIA ELECTRONIC FILING

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

RE: Petition for Limited Proceeding Rate Increase to Implement Return on Equity Provisions in 2021 Agreement, by Tampa Electric Company; Docket No. 20220122-EI

Dear Mr. Teitzman:

Please find attached for filing Tampa Electric Company's Answers to Staff's First Data Request (Nos. 1-13), propounded on July 6, 2022.

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/ne

Attachment

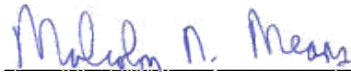
cc: All parties of record  
Charles Rehwinkel (OPC)  
Stephanie Eaton (Walmart)  
Mark Sundback (WCFHUA)  
Jon Moyle (FIPUG)  
Thomas Jernigan (FEA)  
Holly Buchanan (FEA)  
Scheffel Wright (FRF)

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Answers to Staff's First Data Request filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 8th day of July, 2022 to the following:

Jennifer Crawford  
Ryan Sandy  
Office of the General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
[jcrawfor@psc.state.fl.us](mailto:jcrawfor@psc.state.fl.us)  
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111 West Madison Street – Room 812  
Tallahassee, FL 32399  
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[wessling.mary@leg.state.fl.us](mailto:wessling.mary@leg.state.fl.us)



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ATTORNEY

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 1  
BATES PAGES: 1-2  
FILED: JULY 8, 2022**

1. Please provide TECO's Petition Exhibit 3 in electronic format, with cells unlocked and formulas intact.
- A. Please see Excel file "(BS\_2) Exh 3 04.22 Surveillance Report \_TRIGGER ADJUSTMENT\_Filed.xlsx" for the requested information.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 2  
BATES PAGES: 3-4  
FILED: JULY 8, 2022**

2. In its petition, TECO states that the inclusion of a weather normalization adjustment of \$37.6 million to base revenues, along with the \$10 million increase due to the ROE trigger, in an update to its April 2022 ESR results in an earned return on equity of 9.43 percent, based on a 13-month average rate base. Please identify the weather normalization adjustment that would result in the Company earning at the adjusted ROE mid-point of 10.20 percent and provide support calculations.
  - A. A weather normalization adjustment will not result in a 10.20 percent ROE since it would not reflect the actual weather in the service area. However, the company has calculated the dollar adjustment needed to reach the 10.20 percent ROE on its April 2022 ESR results, from the original non-weather adjusted 10.08 percent ESR result without a weather normalization adjustment, to fulfill this request. A positive revenue adjustment of \$4,980,000 would result in a 10.20 percent ROE on the April 2022 ESR results. The adjustment of \$4,980,000 occurs in the opposite direction of the weather normalization reduction of \$37.6 million filed in the Petition, resulting in a delta of \$42.6 million compared to the actual weather normalization adjustment.

Please see Excel file “(BS\_4) 04.22 Surveillance Report \_TRIGGER ADJUSTMENT -10.20 midpoint.xlsx” for the requested data.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 3  
BATES PAGES: 5-6  
FILED: JULY 8, 2022**

- 3.** Please provide TECO's Petition Exhibit 2, Pages 3 and 4 of 4 in electronic format, with cells unlocked and formulas intact.
  
- A.** Please see the Excel file titled "(BS\_6) Exh 2 WeatherAdjustedBaseRevenues\_May2021-April 2022.xlsx."

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 4  
BATES PAGES: 7-12  
FILED: JULY 8, 2022**

4. Refer to TECO's Petition for a limited proceeding rate increase (Petition) in Docket No. 20220122-EI for the following requests.

- a. Please provide, in electronic format (Excel, with cells unlocked and formulas intact), TECO's weather data and normalization calculations used to derive the monthly normal weather as shown in Exhibit 2, page 3 of 4 for both Cooling Degree Days (CDD) and Heating Degree Days (HDD).
- b. Please provide, in electronic format (Excel, with cells unlocked and formulas intact), TECO's weather data and normalization calculations used to derive the monthly actual weather as shown in Exhibit 2, page 3 of 4 for both CDD and HDD.
- c. Please provide, in electronic format (Excel, with cells unlocked and formulas intact) all models, model equations, summary statistics, and model assumptions used to produce the HDD coefficients and the CDD coefficients shown in Exhibit 2, page 3 of 4, for each rate class.

A. a. Please see the Excel file "(BS\_9) Q4a\_MonteCarlo\_DegreeDays.xlsx," tab "Summary" for the requested data.

- b. For May 2021 to Dec 2021, the requested actual weather data is provided in the Excel file "(BS\_10) Q4b\_2021 Daily Degday Check.xlsx", tab "2021." The requested calculations used to derive the monthly actual weather for both billing cycle CDD and HDD is provided in the same spreadsheet, tab "DegreeDays."

For Jan 2022 to Apr 2022, the requested actual weather data is provided in the Excel file "(BS\_11) Q4b\_2022 Actual Billing Degree Days.xlsm", tab "Daily." The requested calculations used to derive the monthly actual weather for both billing cycle CDD and HDD is provided in the same spreadsheet and individual month tabs (i.e., "Jan," "Feb," etc).

- c. The forecasting models are developed in ITRON's MetrixND software. Tampa Electric provides an export from the model used to derive the coefficients. The output shows the explanatory variables and their coefficients and summary statistics. Please see the Excel file titled "(BS\_12) Q4c\_TECOSales.xlsx." For a description of the

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 4  
BATES PAGES: 7-12  
FILED: JULY 8, 2022**

model, equations, and assumptions please see Chapter 2 of Tampa Electric's 2022 Ten Year Site Plan, which begins at page 7 of the document. The Tampa Electric Ten Year Site Plan document can be found at the following link: [Tampa Electric Company.pdf \(floridapsc.com\)](https://www.floridapsc.com/Files/20220122-EI/Tampa_Electric_Company.pdf).



**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 5  
BATES PAGES: 13-14  
FILED: JULY 8, 2022**

- 5.** Please refer to TECO's Petition, Exhibit 2, Page 3 and 4 of 4, for the following questions.
- a. Is it correct that the monthly CDD - Normal weather data and the monthly HDD - Normal weather data appearing on Page 3 is based on an average twenty years of historical data? If not, please explain.
  - b. Are TECO's proposed sales and revenue adjustments appearing on Page 4 implemented for the purpose of removing the impact of atypical weather from actual sales? If not, please explain.
  - c. Does TECO assume that a 20-year average of CDD and HDD is the optimal representation of normal weather for the annual period ending April 2022 for the purpose of removing the impact of atypical sales for the purposes of the Petition? Please explain in detail and offer any documentary support for the Company's position (e.g. whitepapers, studies, etc.).
- A.**
- a. Yes, it is correct that the monthly CDD - Normal weather data and the monthly HDD - Normal weather data appearing on Page 3 of Exhibit 2 is based on an average twenty years of historical data.
  - b. Yes.
  - c. Tampa Electric assumes a 20-year average of CDD and HDD represents normal weather, which is consistent with a large portion of electric utilities across the country. Please see the Excel file titled "(BS\_14) Itron Survey" for the results of a survey conducted across the country demonstrating the number of years utilities use when calculating normal weather.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 6  
BATES PAGE: 15  
FILED: JULY 8, 2022**

6. Please provide any relevant documentation in the Company's possession supporting the Company's selection of weather stations and the Company's data source in its weather normalization process as applied in TECO's petition.
  
- A. Tampa Electric's source of weather data is the Local Climatological Data ("LCD") of the National Oceanic and Atmospheric Administration's ("NOAA") National Climatic Data Center ("NCDC"). LCD are summaries of climatological conditions from airport and other prominent weather stations managed by the National Weather Service ("NWS"), Federal Aviation Administration ("FAA"), and Department of Defense ("DOD"). Tampa Electric uses the LCD of the Tampa International Airport ("TIA") weather station for calculation of the system-wide temperature of the utility's service territory.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 7  
BATES PAGE: 16  
FILED: JULY 8, 2022**

7. Referring to Request 4 above, please identify all public sources of the weather data used to determine normal weather and actual weather shown on Exhibit 2, Page 3 of 4 known to TECO.
- A. Please see Tampa Electric's response to Staff's First Data Request, No. 6.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 8  
BATES PAGE: 17  
FILED: JULY 8, 2022**

- 8.** Please refer to TECO's Petition, Exhibit 2, page 3 of 4 and TECO's April 2022 Earnings Surveillance Report for the following requests.
- a. Please indicate whether the calculations of CDD and HDD coefficients by rate class appearing in TECO's Petition and April 2022 Earnings Surveillance Report, have been prepared specifically for the purposes of the Company's petition in this docket.
  - b. If the answer to Request 6.a. above is affirmative, please provide the last calculations of CDD and HDD coefficients by rate class prepared by the Company to support rate filing(s) before the Commission, specifying the time period used in preparing the calculations, the rate filing docket number, and, if available, the document number containing the data and/or calculations.
  - c. If the answer to Request 6.a. above is negative, please specify other docket(s) such data has been used, how such data has been used, and any document number(s) referencing or containing the data and/or calculations.
- A.**
- a. No, the calculations of CDD and HDD coefficients were not specifically prepared for the purposes of the Company's petition in this docket.
  - b. Not applicable, please see Tampa Electric's response to Staff's First Data Request, No. 8 (a).
  - c. Historically, the calculation of CDD and HDD coefficients has been used by the company internally to determine weather impacts. The coefficients have not been submitted in any documents to the Commission.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 9  
BATES PAGE: 18  
FILED: JULY 8, 2022**

9. Please provide the last prior calculations of weather normalized monthly CDDs and HDDs prepared by the Company to support rate filing(s) before the Commission, specifying the rate filing docket number and, as available, the document number containing the data and/or calculations.
- A. The table below includes the last prior calculations of weather normalized monthly CDD and HDD prepared by Tampa Electric to support the “weather-normal” forecast underlying the rate filing test year submitted in Docket No. 20210034-EI. Each year, the company prepares a weather-normal forecast for planning purposes, and that forecast is used as an assumption in various docketed filings as well as provided in the company’s annual Ten Year Site Plan.

Month	Normalized HDD	Normalized CDD
January	149	82
February	141	55
March	74	109
April	22	201
May	0	336
June	0	490
July	0	552
August	0	555
September	0	570
October	0	472
November	10	276
December	65	137

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 10  
BATES PAGE: 19  
FILED: JULY 8, 2022**

- 10.** Please identify all changes, if any, in TECO's method and/or data sources for calculating weather normals or HDD/CDD coefficients as appears in Exhibit 2, Page 3 of 4 of its Petition in this case compared to its method and/or data sources of calculating weather normals or HDD/CDD coefficients in other Commission filings within the past 5 years.
- A.** Tampa Electric's method and data sources for calculating weather normals or HDD/CDD coefficients as appears in Exhibit 2, Page 3 of 4 of its Petition in this case has not changed within the past five years.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 11  
BATES PAGE: 20  
FILED: JULY 8, 2022**

11. Please discuss all planned customer communications (i.e., information on TECO's website, emails, bill inserts, bill messages) to notify customers of the proposed rate increase. In your response, please include the timing of any customer notifications.
- A. Tampa Electric will provide the rate customer communications listed below. Bill communications will be provided beginning with the first day of the August billing cycle, or August 2, 2022. The website will be updated with onserts a few days prior to the first billing cycle for August, so they will be available when customers want to reference them.
- **Billing Onserts** – A full-page, detailed notification that accompanies the paper billing statement. These are produced for Residential/Small Business, and Commercial and Industrial customers. They are also posted on the Tampa Electric website (see link below).
  - **Important Message** – This “important message” appears on the billing statement making Lighting customers aware of the rate increase. This message includes a link to view the detailed onsert on Tampa Electric's website (see link below).
  - **Paperless Notification Email** – A message appearing on the paperless notification makes Residential/Small Business, Commercial and Industrial, and Lighting customers aware of the rate increase. The message includes a link to view the detailed onsert on Tampa Electric's website (see link below).
  - **Webpage** – The full-page billing onserts are posted in PDF format on Tampa Electric's website. See previous examples at <https://www.tampaelectric.com/ratecommunications>.

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 12  
BATES PAGES: 21-25  
FILED: JULY 8, 2022**

- 12.** With the requested September 1, 2022, effective date, please explain whether TECO intends to notify its customers of the proposed rate increase with the August 2022 billing cycle. If yes, please provide a copy of the customer notification scheduled to be included with the August billing cycle. If not, please explain why not.
- A.** Yes. Tampa Electric will notify all customers throughout the month of August as described in the company's response to Staff's First Data Request, No. 11. The billing cycle begins on August 2, 2022, and each customer will receive notice in its bill for that month. The draft PDF onserts for Residential/Small Commercial and Commercial and Industrial – both proposed and approved -- are attached. Proposed onserts will be used until the Commission issues a decision on the company's petition. Lighting onserts are currently being produced and will be similar to the Lighting onsert available from the last change effective in April 2022, available on this webpage: <https://www.tampaelectric.com/ratecommunications>.



## Bills to increase less than 1 percent

The Florida Public Service Commission approved an increase in Tampa Electric's base rates and charges effective with September bills.

As part of Tampa Electric's base-rate settlement agreement, the company may adjust bills if interest rates reach certain levels. With rising interest rates, Tampa Electric must pay more to borrow money, and those costs are shared by all customers.

For the average residential customer, who uses 1,000 kilowatt-hours a month, the bill will increase by 79 cents, or 0.5 percent (one half of 1 percent). Despite this increase, Tampa Electric's rates will remain among the lowest in the state.

As costs for gas, food and other necessities rise, we want to help. We partner with community agencies offering programs that support customers in need and offer flexible payment arrangements. More information on resources and programs can be found at [tampaelectric.com/updates](http://tampaelectric.com/updates). We also offer more energy-saving programs than any other utility in the state to help customers manage energy costs. Learn more, access appliance calculators and sign up for programs at [tampaelectric.com/save](http://tampaelectric.com/save).

### More about your bill

If you are interested in more details about the components of your bill, please refer to the Understanding Your Charges information page on the back of your bill or view your bill online at [tecoaccount.com](http://tecoaccount.com). We also offer a new bill tutorial video at [tampaelectric.com/aboutmybill](http://tampaelectric.com/aboutmybill).

### We're here for you

Visit [tampaelectric.com/ratecommunications](http://tampaelectric.com/ratecommunications) for more information. To speak with a representative, call 888-223-0800 weekdays from 7:30 a.m. to 6:00 p.m.

Approved Rates for September 2022		
Standard Residential Rate (RS)		
Basic Service Charge	\$0.71 per day	
Energy Charge		
Usage up to 1,000 kWh	6.243 cents per kWh	
Usage over 1,000 kWh	7.251 cents per kWh	
Fuel Charge		
Usage up to 1,000 kWh	3.791 cents per kWh	
Usage over 1,000 kWh	4.791 cents per kWh	
Storm Protection Charge	0.329 cents per kWh	
Clean Energy Transition Mechanism	0.441 cents per kWh	
Residential Service Variable Pricing (RSVP-1)		
Basic Service Charge	\$0.71 per day	
Energy Charge	5.311 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Storm Protection Charge	0.329 cents per kWh	
Clean Energy Transition Mechanism	0.441 cents per kWh	
Standard General Service, Non-Demand (GS)		
Basic Service Charge	\$0.75 per day	
Energy Charge	7.089 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Storm Protection Charge	0.315 cents per kWh	
Clean Energy Transition Mechanism	0.402 cents per kWh	
Time-of-Day General Service, Non-Demand (GST)		
Basic Service Charge	\$0.75	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	10.879	5.787
Fuel Charge	4.480	3.974
Storm Protection Charge	0.315 cents per kWh	
Clean Energy Transition Mechanism	0.402 cents per kWh	

The rate schedules above are subject to gross receipts taxes, city and state taxes, and franchise fees, where applicable. A late payment charge may be applied to any unpaid balance on your electric bill that is not paid by the past due date.

The energy charge includes 0.427 cents per kWh for rate schedule RS, (0.822) cents per kWh for rate schedule RSVP-1 (based on P2 pricing - rate can vary based on rate tier), and 0.401 cents per kWh for rate schedules GS and GST for the conservation, environmental, and capacity cost recovery charges.

TECO70522A

## Seeking approval to increase bills less than 1 percent

Tampa Electric has requested an increase in its base rates and charges. If approved by the Florida Public Service Commission, the new rates will be effective with September bills.

As part of Tampa Electric's base-rate settlement agreement, the company may adjust bills if interest rates reach certain levels. With rising interest rates, Tampa Electric must pay more to borrow money, and those costs are shared by all customers.

For the average residential customer, who uses 1,000 kilowatt-hours a month, the bill would increase by 79 cents, or 0.5 percent (one half of 1 percent). Despite this increase, Tampa Electric's rates would remain among the lowest in the state.

As costs for gas, food and other necessities rise, we want to help. We partner with community agencies offering programs that support customers in need and offer flexible payment arrangements. More information on resources and programs can be found at [tampaelectric.com/updates](http://tampaelectric.com/updates). We also offer more energy-saving programs than any other utility in the state to help customers manage energy costs. Learn more, access appliance calculators and sign up for programs at [tampaelectric.com/save](http://tampaelectric.com/save).

### More about your bill

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Proposed Rates for September 2022		
Standard Residential Rate (RS)		
Basic Service Charge	\$0.71 per day	
Energy Charge		
Usage up to 1,000 kWh	6.243 cents per kWh	
Usage over 1,000 kWh	7.251 cents per kWh	
Fuel Charge		
Usage up to 1,000 kWh	3.791 cents per kWh	
Usage over 1,000 kWh	4.791 cents per kWh	
Storm Protection Charge	0.329 cents per kWh	
Clean Energy Transition Mechanism	0.441 cents per kWh	
Residential Service Variable Pricing (RSVP-1)		
Basic Service Charge	\$0.71 per day	
Energy Charge	5.311 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Storm Protection Charge	0.329 cents per kWh	
Clean Energy Transition Mechanism	0.441 cents per kWh	
Standard General Service, Non-Demand (GS)		
Basic Service Charge	\$0.75 per day	
Energy Charge	7.089 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Storm Protection Charge	0.315 cents per kWh	
Clean Energy Transition Mechanism	0.402 cents per kWh	
Time-of-Day General Service, Non-Demand (GST)		
Basic Service Charge	\$0.75	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	10.879	5.787
Fuel Charge	4.480	3.974
Storm Protection Charge	0.315 cents per kWh	
Clean Energy Transition Mechanism	0.402 cents per kWh	

The rate schedules above are subject to gross receipts taxes, city and state taxes, and franchise fees, where applicable. A late payment charge may be applied to any unpaid balance on your electric bill that is not paid by the past due date.

The energy charge includes 0.427 cents per kWh for rate schedule RS, (0.822) cents per kWh for rate schedule RSVP-1 (based on P2 pricing - rate can vary based on rate tier), and 0.401 cents per kWh for rate schedules GS and GST for the conservation, environmental, and capacity cost recovery charges.

TECO70522P

## Bills to increase less than 1 percent

The Florida Public Service Commission approved an increase in Tampa Electric's base rates and charges effective with September bills.

As part of Tampa Electric's base-rate settlement agreement, the company may adjust bills if interest rates reach certain levels. With rising interest rates, Tampa Electric must pay more to borrow money, and those costs are shared by all customers. Commercial and industrial customer bills will increase by less than 1 percent.

As costs for necessities continue to rise, we want to help. We partner with community agencies offering programs that support customers in need and offer flexible payment arrangements. More information on resources and

programs can be found at [tampaelectric.com/updates](http://tampaelectric.com/updates). We also offer more energy-saving programs than any other utility in the state to help customers manage energy costs. Learn more and sign up at [tampaelectric.com/bizsave](http://tampaelectric.com/bizsave).

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### We're here for you

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### Approved Rates for September 2022

Standard General Service, Demand (GSD)		
Basic Service Charge	\$1.08 per day	
Demand Charge	\$13.86 per kW	
Energy Charge	0.736 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	\$0.59 per kW	
Capacity Charge	\$0.17 per kW	
Energy Conservation Charge	\$0.81 per kW	
Clean Energy Transition Mechanism	\$1.10 per kW	
Optional General Service, Demand (GSD-option)		
Basic Service Charge	\$1.08 per day	
Energy Charge	7.115 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	0.141 cents per kWh	
Capacity Charge	0.039 cents per kWh	
Energy Conservation Charge	0.193 cents per kWh	
Clean Energy Transition Mechanism	0.261 cents per kWh	
Time-of-Day General Service, Demand (GSDT)		
Basic Service Charge	\$1.08 per day	
Demand Charge	\$4.44 per kW of billing demand, plus	
	\$9.06 per kW of peak billing demand	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	1.193	0.571
Fuel Charge	4.480	3.974
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	\$0.59 per kW	
Capacity Charge	\$0.17 per kW	
Energy Conservation Charge	\$0.81 per kW	
Clean Energy Transition Mechanism	\$1.10 per kW	
General Service, Large Demand Primary (GSLDPR)		
Basic Service Charge	\$19.52 per day	
Demand Charge	\$11.59 per kW	
Energy Charge	1.042 cents per kWh	
Fuel Charge	4.085 cents per kWh	
Environmental Charge	0.123 cents per kWh	
Storm Protection Charge	\$0.53 per kW	
Capacity Charge	\$0.15 per kW	
Energy Conservation Charge	\$0.84 per kW	
Clean Energy Transition Mechanism	\$0.89 per kW	

Time-of-Day General Service, Large Demand Primary (GSLDTPR)		
Basic Service Charge	\$19.52 per day	
Demand Charge	\$3.68 per kW of billing demand, plus	
	\$7.88 per kW of peak billing demand	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	1.584	.847
Fuel Charge	4.435	3.934
Environmental Charge	0.123 cents per kWh	
Storm Protection Charge	\$0.53 per kW	
Capacity Charge	\$0.15 per kW	
Energy Conservation Charge	\$0.84 per kW	
Clean Energy Transition Mechanism	\$0.89 per kW	
General Service, Large Demand Subtransmission (GSLDSU)		
Basic Service Charge	\$83.90 per day	
Demand Charge	\$9.06 per kW	
Energy Charge	1.151 cents per kWh	
Fuel Charge	4.043 cents per kWh	
Environmental Charge	0.120 cents per kWh	
Storm Protection Charge	\$0.06 per kW	
Capacity Charge	\$0.13 per kW	
Energy Conservation Charge	\$0.74 per kW	
Clean Energy Transition Mechanism	\$0.33 per kW	
Time-of-Day General Service, Large Demand Subtransmission (GSLDTSU)		
Basic Service Charge	\$83.90 per day	
Demand Charge	\$2.88 per kW of billing demand, plus	
	\$6.15 per kW of peak billing demand	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	1.386	1.078
Fuel Charge	4.390	3.895
Environmental Charge	0.120 cents per kWh	
Storm Protection Charge	\$0.06 per kW	
Capacity Charge	\$0.13 per kW	
Energy Conservation Charge	\$0.74 per kW	
Clean Energy Transition Mechanism	\$0.33 per kW	

The costs of fuel are passed along to customers without any markup or profit to Tampa Electric.

The rate schedules above are subject to gross receipts taxes, city and state taxes, and franchise fees, where applicable. A late payment charge may be applied to any unpaid balance on your electric bill that is not paid by the past due date.

TEC070622A

## Seeking approval to increase bills less than 1 percent

Tampa Electric has requested an increase in its base rates and charges. If approved by the Florida Public Service Commission, the new rates will be effective with September bills.

As part of Tampa Electric's base-rate settlement agreement, the company may adjust bills if interest rates reach certain levels. With rising interest rates, Tampa Electric must pay more to borrow money, and those costs are shared by all customers. Commercial and industrial customer bills are expected to increase by less than 1 percent.

As costs for necessities continue to rise, we want to help. We partner with community agencies offering programs that support customers in need and offer flexible payment arrangements. More information on resources and

programs can be found at [tampaelectric.com/updates](http://tampaelectric.com/updates). We also offer more energy-saving programs than any other utility in the state to help customers manage energy costs. Learn more and sign up at [tampaelectric.com/bizsave](http://tampaelectric.com/bizsave).

### More about your bill

If you are interested in more details about the components of your bill, please refer to the Understanding Your Charges information page on the back of your bill or view your bill online at [tecoaccount.com](http://tecoaccount.com).

### We're here for you

Visit [tampaelectric.com/ratecommunications](http://tampaelectric.com/ratecommunications) for more information. To speak with a representative, call 866-832-6249 weekdays from 7:30 a.m. to 6:00 p.m.

### Proposed Rates for September 2022

Standard General Service, Demand (GSD)		
Basic Service Charge	\$1.08 per day	
Demand Charge	\$13.86 per kW	
Energy Charge	0.736 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	\$0.59 per kW	
Capacity Charge	\$0.17 per kW	
Energy Conservation Charge	\$0.81 per kW	
Clean Energy Transition Mechanism	\$1.10 per kW	
Optional General Service, Demand (GSD-option)		
Basic Service Charge	\$1.08 per day	
Energy Charge	7.115 cents per kWh	
Fuel Charge	4.126 cents per kWh	
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	0.141 cents per kWh	
Capacity Charge	0.039 cents per kWh	
Energy Conservation Charge	0.193 cents per kWh	
Clean Energy Transition Mechanism	0.261 cents per kWh	
Time-of-Day General Service, Demand (GSDT)		
Basic Service Charge	\$1.08 per day	
Demand Charge	\$4.44 per kW of billing demand, plus	
	\$9.06 per kW of peak billing demand	
	<b>On-Peak</b> (cents per kWh)	<b>Off-Peak</b> (cents per kWh)
Energy Charge	1.193	0.571
Fuel Charge	4.480	3.974
Environmental Charge	0.130 cents per kWh	
Storm Protection Charge	\$0.59 per kW	
Capacity Charge	\$0.17 per kW	
Energy Conservation Charge	\$0.81 per kW	
Clean Energy Transition Mechanism	\$1.10 per kW	
General Service, Large Demand Primary (GSLDPR)		
Basic Service Charge	\$19.52 per day	
Demand Charge	\$11.59 per kW	
Energy Charge	1.042 cents per kWh	
Fuel Charge	4.085 cents per kWh	
Environmental Charge	0.123 cents per kWh	
Storm Protection Charge	\$0.53 per kW	
Capacity Charge	\$0.15 per kW	
Energy Conservation Charge	\$0.84 per kW	
Clean Energy Transition Mechanism	\$0.89 per kW	

Time-of-Day General Service, Large Demand Primary (GSLDTPR)		
Basic Service Charge	\$19.52 per day	
Demand Charge	\$3.68 per kW of billing demand, plus	
	\$7.88 per kW of peak billing demand	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	1.584	.847
Fuel Charge	4.435	3.934
Environmental Charge	0.123 cents per kWh	
Storm Protection Charge	\$0.53 per kW	
Capacity Charge	\$0.15 per kW	
Energy Conservation Charge	\$0.84 per kW	
Clean Energy Transition Mechanism	\$0.89 per kW	
General Service, Large Demand Subtransmission (GSLDSU)		
Basic Service Charge	\$83.90 per day	
Demand Charge	\$9.06 per kW	
Energy Charge	1.151 cents per kWh	
Fuel Charge	4.043 cents per kWh	
Environmental Charge	0.120 cents per kWh	
Storm Protection Charge	\$0.06 per kW	
Capacity Charge	\$0.13 per kW	
Energy Conservation Charge	\$0.74 per kW	
Clean Energy Transition Mechanism	\$0.33 per kW	
Time-of-Day General Service, Large Demand Subtransmission (GSLDTSU)		
Basic Service Charge	\$83.90 per day	
Demand Charge	\$2.88 per kW of billing demand, plus	
	\$6.15 per kW of peak billing demand	
	On-Peak (cents per kWh)	Off-Peak (cents per kWh)
Energy Charge	1.386	1.078
Fuel Charge	4.390	3.895
Environmental Charge	0.120 cents per kWh	
Storm Protection Charge	\$0.06 per kW	
Capacity Charge	\$0.13 per kW	
Energy Conservation Charge	\$0.74 per kW	
Clean Energy Transition Mechanism	\$0.33 per kW	

The costs of fuel are passed along to customers without any markup or profit to Tampa Electric.

The rate schedules above are subject to gross receipts taxes, city and state taxes, and franchise fees, where applicable. A late payment charge may be applied to any unpaid balance on your electric bill that is not paid by the past due date.

TEC070622P

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20220122-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 12  
BATES PAGES: 26-27  
FILED: JULY 8, 2022**

- 13.** Referring to Schedule E-13a, please provide the calculations (with the excel cells unlocked and formulas intact) that support the proposed increases to the different rate classes.
- A.** Please see the Excel file titled "(BS\_27) DR 13\_Rate Redesign for ROE Trigger Final.xlsx."