



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

May 16, 2023

VIA ELECTRONIC FILING

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

Re: *Petition for Approval of Modifications to Duke Energy Florida, LLC's Rate
Schedule Tariff Sheet Nos. 2.0, 2.7, 6.383, and 7.500; Docket No. 20230036-EI*

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing DEF's Response to Staff's Second Data Request regarding the above-referenced docket.

Thank you for your assistance in this matter. Should have any questions, please feel free to contact me at (727) 820-4692.

Sincerely,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/vr
Enclosures

cc: Oakley Ward, FPSC, oward@psc.state.fl.us
Major Thompson, FPSC, Major.thompson@psc.state.fl.us

**Duke Energy Florida, LLC's ("DEF") Response to
Florida Public Service Commission's Second Data Request
re. Petition for Approval of Modifications to Duke Energy Florida, LLC's Rate Schedule
Tariff Sheet Nos. 2.0, 2.7, 6.383, and 7.500**

Docket No. 20230036-EI

1. Please provide the cost support for the proposed \$20 charge on Tariff Sheet No. 2.7.

Response:

Please see the attached file "2023 DEF EPO Cost Calc.pdf".

2. Please explain what additional information participants receive from the load profiler online service, as compared to what is available currently to all customers with smart meters under the Advanced Metering Infrastructure (AMI) program.

Response:

The AMI program provides a simple graph with a few options and the ability to export data. The load profiler online service offers the same data as the AMI program, plus kvar or kq, when available, but it offers more functionality, such as:

- Customers with multiple accounts or multiple meters per account, can view the metered data at the individual meter level, the account level, or a customized group of meters or accounts.
- Summary information for a user-defined period includes kWh, maximum demand, the time of maximum demand, load factor and power factor. These statistics are provided for the entire period and also by weekday/weekend and time of use periods, if applicable.
- Graphs and charts of average weekday and average weekend load shapes.
- Load Duration curves
- Graphs and charts of load profiles with flexibility in changing between daily, weekly, monthly, and custom periods.
- Normalization by user-specified criteria, such as square footage or units of production.
- Daily, weekly, or monthly charts of kwh and maximum demand.
- Data can be exported in a few different of formats.
- Historical comparisons between days or months of load profiles and energy usage.
- Favorite reports can be presented on a dashboard.
- Reports can be emailed to users based on dynamic user-specified time periods and frequency.

3. Please refer to Duke's response to question No. 5 of staff's first data request for the following

question. Will Duke use an independent source to identify areas such as opportunity zones, brownfields, and rural areas of opportunity, or will Duke use its own judgement? Please explain.

Response:

Each of these geographic categories is designated by a source independent of Duke Energy. For example, Opportunity Zones are federally designated, Brownfields are designated by local and state governments, and Rural Areas of Opportunities are state designated. Duke Energy will only provide the added geographic location benefits when a location has been pre-designated as one of these geographic areas.

Duke Energy Florida Energy Profiler Online (EPO) Cost Analysis 2023

	2022	2023	2024	2025	2026	2027
Development of Monthly Rates						
Rates	Current	Proposed				
Monthly Rate per meter for daily service	\$45.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
Active Meters						
EPO	538	549	560	571	582	594 Source: Energy Profiler Administration tool Number of active meters February 1, 2022 Note: Inactive meters are in system to retain historic data and vendor prices service based on both active and inactive meters
Annual Revenue						
EPO	\$290,520	\$131,702	\$134,336	\$137,023	\$139,764	\$142,559 (12 months) * (# of meters) * (Monthly Rate)
Total Annual Revenue	\$290,520	\$131,702	\$134,336	\$137,023	\$139,764	\$142,559

Expenses Recovered via Monthly Rate (Initial Development plus On-going)

	2022	2023	2024	2025	2026	2027	2022 Hours
<u>On-Going Monthly Cost to Support EPO per Account</u>							
Schneider Electric EPO Contract allocation for DEP does not include Powershare. Assumes 2% annual increase. Total contract price for 2022 is \$403,393, or \$354,603 excluding Powershare. Based on active meter count DEP's share of the Schneider contract is 17.52%	\$39,327	\$40,114	\$40,916	\$41,735	\$42,569	\$43,421	
Cust Support - Large Account Managers	\$ 17,736	\$18,179	\$18,634	\$19,099	\$19,577	\$20,066	hours per year times labor rate (2.5% inflation) 100
CAS Team customer support	\$ 5,139	\$5,267	\$5,399	\$5,534	\$5,672	\$5,814	hours per year times labor rate (2.5% inflation) 60
New Customer Training - Large Account Managers	\$ 14,189	\$14,543	\$14,907	\$15,280	\$15,662	\$16,053	hours per year times labor rate (2.5% inflation) 80
EPO System Support	\$ 7,803	\$7,999	\$8,199	\$8,403	\$8,614	\$8,829	hours per year times labor rate (2.5% inflation) 91
Coordinate Daily Meter Readings for "head end" systems	\$ 3,902	\$3,999	\$4,099	\$4,202	\$4,307	\$4,414	hours per year times labor rate (2.5% inflation) 46
Program Management	\$ 15,551	\$15,940	\$16,338	\$16,747	\$17,165	\$17,595	hours per year times labor rate (2.5% inflation) 104
Schneider IT Cost for Customer Connect		\$2,579	\$2,579	\$2,579	\$2,579	\$2,579	DEF IT Cost for System Implementation spread over 5 years
Total Expenses (2022-2027)		\$108,620	\$111,071	\$113,579	\$116,145	\$118,771	
Net Income	\$0	\$23,082	\$23,266	\$23,445	\$23,619	\$23,788	Total Annual Revenue minus Total Expenses
Taxes @ 25.345%		\$5,850	\$5,897	\$5,942	\$5,986	\$6,029	per WACC Proj Filing
Revenue Requirement		\$17,232	\$17,369	\$17,503	\$17,633	\$17,759	Calculation
5-Year Net Present Value @ 6.5024%		\$72,646.53					

Target Rate: **\$20.00** This is the monthly EPO charge per meter, for all DEF customers who accept this elective and optional service. This applies to both daily and monthly service. In cases where meters must be installed, that cost will be resolved outside of this program, following the normally established process for service when exceptions are required.

Supporting information

Calculations were based on EPO and Curtailment and not inclusive of Powershare
 Since the conversion to SAP/Customer Connect the option for Totalized (monthly) service is no longer available and all DEF customers receive daily service.
 Also as a result of the conversion to SAP/Customer Connect, the costs behind the Meter Set-Up Fees have become negligible amounts
 Rates and Regulatory Strategy Manager - Matt Chatelain, Significant input from Betsy Black who brought EPO to Duke in 2000