

Carrie H. Grundmann
Direct Dial (336) 631-1051
cgrundmann@spilmanlaw.com

April 10, 2025

CC: MV/LE

LA PUBLIC SERVICE COMM
APR 11 2025 PM2:56

VIA OVERNIGHT MAIL

Ms. Kris Abel
Records Division
Louisiana Public Service Commission
Galvez Building, 12th Floor
602 North Fifth Street
Baton Rouge, LA 70802

Re: *Entergy Louisiana, LLC, ex parte. In Re: Application for Approval of Generation and Transmission Resources in Connection with Service to a Single Customer for a Project in North Louisiana;*

Docket No. U-37425

Dear Ms. Abel:

Please find enclosed for filing with the Louisiana Public Service Commission ("Commission") the original and three (3) copies of the Direct Testimony and Exhibits of Steve W. Chriss on behalf of Walmart Inc. in the above-referenced matter. This testimony is being filed in public version only.

All parties are being served a copy of this document in accordance with the attached Certificate of Service.

If you have any questions regarding this filing, please contact me.

Sincerely,

SPILMAN THOMAS & BATTLE, PLLC



Carrie H. Grundmann


Counsel to Walmart Inc.

CHG/sds
Enclosures
c: Certificate of Service

UPS

CERTIFICATE OF SERVICE

I, Carrie H. Grundmann, hereby certify that on the 11th day of April, 2025, I have served copies of the foregoing upon all other known parties on the Official Service List for Docket No. U-37425 via electronic mail.



Carrie H. Grundmann

**BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION**

APPLICATION OF ENTERGY)	
LOUISIANA, LLC FOR APPROVAL OF)	
GENERATION AND TRANSMISSION)	
RESOURCES PROPOSED IN)	
CONNECTION WITH SERVICE TO A)	DOCKET NO. U-37425
SIGNIFICANT CUSTOMER PROJECT)	
IN NORTH LOUISIANA, INCLUDING)	
PROPOSED RIDER, AND REQUEST)	
FOR TIMELY TREATMENT)	

DIRECT TESTIMONY AND EXHIBITS OF

STEVE W. CHRISS

ON BEHALF OF

WALMART INC.

APRIL 11, 2025

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Exhibits

- Exhibit SWC-1:** Witness Qualifications Statement
- Exhibit SWC-2:** Company's Response to Walmart 1-13.
- Exhibit SWC-3:** Walmart Store Outages in Northeast Louisiana, 2020 to 2024

1 **Introduction**

2 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND**
3 **OCCUPATION.**

4 A. My name is Steve W. Chriss. My business address is 2608 SE J St.,
5 Bentonville, AR 72716-0550. I am employed by Walmart Inc. ("Walmart") as
6 Senior Director, Utility Partnerships.

7 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS DOCKET?**

8 A. I am testifying on behalf of Walmart.

9 **Q. PLEASE DESCRIBE YOUR EDUCATION AND EXPERIENCE.**

10 A. In 2001, I completed a Master of Science in Agricultural Economics at Louisiana
11 State University. From 2001 to 2003, I was an Analyst and later a Senior Analyst
12 at the Houston office of Econ One Research, Inc., a Los Angeles-based consulting
13 firm. My duties included research and analysis on domestic and international
14 energy and regulatory issues. From 2003 to 2007, I was an Economist and later a
15 Senior Utility Analyst at the Public Utility Commission of Oregon in Salem,
16 Oregon. My duties included appearing as a witness for PUC Staff in electric,
17 natural gas, and telecommunications dockets. I joined the energy department at
18 Walmart in July 2007 as Manager, State Rate Proceedings. I was promoted to
19 Senior Manager, Energy Regulatory Analysis, in June 2011. I was promoted to
20 Director, Energy and Strategy Analysis in October 2016 and the position was re-
21 titled in October 2018. I was promoted to my current position in July 2023. My
22 Witness Qualifications Statement is attached as Exhibit SWC-1.

1 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE THE**
2 **LOUISIANA PUBLIC SERVICE COMMISSION ("COMMISSION")?**

3 A. Yes. I testified in Docket Nos. U-30192, U-34619, U-35109, and U-37074.

4 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE OTHER**
5 **STATE REGULATORY COMMISSIONS?**

6 A. Yes. I have submitted testimony in over 290 proceedings before 42 other utility
7 regulatory commissions. I have also submitted testimony before legislative
8 committees in six states. My testimony has addressed topics including, but not
9 limited to, cost of service and rate design, return on equity, revenue requirements,
10 ratemaking policy, net metering, community solar, large customer renewable
11 programs, qualifying facility rates, telecommunications deregulation, resource
12 certification, energy efficiency/demand side management, fuel cost adjustment
13 mechanisms, decoupling, and the collection of cash earnings on construction work
14 in progress.

15 **Q. ARE YOU SPONSORING EXHIBITS IN YOUR TESTIMONY?**

16 A. Yes. I am sponsoring the exhibits listed in the Table of Contents.

17 **Q. PLEASE BRIEFLY DESCRIBE WALMART'S OPERATIONS IN**
18 **LOUISIANA.**

19 A. As shown on its website, Walmart operates 137 retail units and two distribution
20 centers, and employs over 36,000 associates in Louisiana. In fiscal year ending

1 2024, Walmart purchased \$502.9 million worth of goods and services from
2 Louisiana-based suppliers, supporting over 28,000 supplier jobs.¹

3 **Q. PLEASE DESCRIBE WALMART'S OPERATIONS WITHIN THE**
4 **COMPANY'S SERVICE TERRITORY.**

5 A. Walmart has 65 stores, one distribution center, and related facilities that take
6 service from Entergy Louisiana, LLC ("ELL" or "Company"). Approximately 15
7 of those stores are in the Northeast Louisiana region where the proposed hyperscale
8 data center ("Project") is located.²

9
10 **Purpose of Testimony and Summary of Recommendations**

11 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

12 A. The purpose of my testimony is to respond to ELL's proposals set out in their
13 Application to serve a new hyperscale data center developed by Meta Platforms,
14 Inc., through its subsidiary Laidley, LLC ("Customer").³ Walmart does not oppose
15 the Project nor the Company's desire to create a solution to serve the Customer and
16 provide economic development benefits to Northeast Louisiana. However, the
17 singular size and scope of the Project, and the attendant costs and risks, necessitates
18 thoughtful and meaningful protections for all customers on the part of the Company
19 and the Commission.

¹ <https://corporate.walmart.com/about/location-facts/united-states/louisiana>

² Includes Rayville, Monroe, West Monroe, Bastrop, Farmerville, Jonesboro, Oak Grove, Ruston, and Winnsboro. Walmart also has one nearby store in Vicksburg, MS.

³ See Revised Application (filed Dec. 5, 2024), page 3; *see also* Direct Testimony of Phillip May, page 4, line 1 to line 4.

1 **Q. PLEASE SUMMARIZE WALMART'S RECOMMENDATIONS TO THE**
2 **COMMISSION.**

3 A. Walmart's recommendations to the Commission are as follows:

4 1) Except as set forth in recommendation number (4) as discussed more fully
5 herein, Walmart does not generally oppose the terms in the Company's
6 proposed agreements with the Customer.⁴ However, there are a number of
7 variables such as construction costs and timelines, interest rates, Customer load,
8 and other factors that may come into play during the term of the Customer's
9 Electric Service Agreement ("ESA") that could have an impact on other
10 customers, whether directly or indirectly. As such, the Commission should
11 require that the Company is held to the primary premises of the ESA; namely,
12 that all other customers will not pay for the incremental cost of the Customer
13 joining ELL's system, and they will realize a benefit from the additional load.
14 Additionally, to the extent that the Customer joining ELL's system creates credit
15 risk for the Company, the Commission should require that any additional costs
16 due to that risk not be borne by the Company's other customers.

17 2) The Commission should approve ELL's proposal to require the Customer to pay
18 for the cost of all additional facilities required to serve the Customer's proposed
19 load increase ("Additional Facilities").

20 3) Because the Customer's load appears to have increased above the amount
21 included in the Application, the Commission should require the Company and

⁴ I have not reviewed the ESA itself as it is classified as Attorney Eyes Only, thus, my testimony is based on the terms of the ESA as described by the Company in its Application and by certain Company witnesses.

1 the Customer to ensure that the underlying rate agreements regarding minimum
2 bills are scaled to reflect this change.

3 4) Because the Company supports approval of the Project by referring to, among
4 other things, existing customer generation needs in the early 2040s, the
5 Commission should assess whether the terms of the ESA will allow the
6 Company to determine whether it can rely upon the resources being proposed
7 to serve the Project can be used to serve other customers if the Customer elects
8 not to renew the ESA after 2041. In Rebuttal Testimony, the Company should
9 explain in detail (1) how it intends to address this timing concern, (2) whether
10 through future resource planning or otherwise, and (3) why a longer notice
11 period was not part of the ESA or other agreement executed with the Customer.
12 Moreover, the Commission should order the Company in all future resource
13 planning proceedings to detail specifically how it intends to address this issue
14 to ensure customers are not forced to pay for some or all of the generation the
15 Company projects it will need in the 2040s (the “Otherwise Needed
16 Generators”) before they know whether they will be required to shoulder the
17 costs of the three Combined Cycle Combustion Turbine (“CCCT”) generators
18 being built to serve the Project (the “Planned Generators”).

19 5) The Commission should require ELL to actively monitor power quality within
20 50 miles of the Customer site and report out no less frequently than annually to
21 the Commission and interested stakeholders. Additionally, to the extent that
22 power quality mitigations are required, the cost should be borne solely by ELL's
23 shareholders and the Customer.

1 **Q. DOES THE FACT THAT YOU MAY NOT ADDRESS AN ISSUE OR**
2 **POSITION INDICATE WALMART'S SUPPORT?**

3 A. No. The fact that an issue is not addressed herein or in related filings should not be
4 construed as an endorsement of, agreement with, or consent to any filed position.

5

6 **ELL Service and Ratemaking Proposals**

7 **Q. WHAT AGREEMENTS HAS ELL ENTERED INTO WITH THE**
8 **CUSTOMER?**

9 A. ELL has entered into multiple agreements with the Customer, with the major
10 agreements being as follows:

- 11 1) The ESA;
- 12 2) Contribution in Aid of Construction and Capital Costs Agreement ("CIAC
13 Agreement"); and
- 14 3) Corporate Sustainability Rider ("CSR").⁵ See Direct Testimony of Philip R.
15 May, page 16, line 6 to line 17, and page 32, line 1 to line 5.

16 **Q. WHAT IS YOUR UNDERSTANDING OF THE KEY TERMS OF THE**
17 **AGREEMENTS?**

18 A. My understanding from the Company's testimony is that the Agreements contain
19 the following key terms:

- 20 • The initial term of the ESA is 15 years, with automatic renewal for subsequent
21 terms of five years until either the Company or the Customer provides at least

⁵ The ESA, CIAC Agreement, and CSR are collectively referred to herein as the "Agreements."

1 12 months advance notice of non-renewal; however, the Company and
2 Customer have also agreed to use best efforts to provide such notice 24 months
3 in advance of termination. *See* Direct Testimony of Philip R. May, page 25,
4 line 4 to line 6, and Direct Testimony of Samrat Datta, page 13, line 22 to
5 page 14, line 2.

- 6 • The ESA imposes a penalty in the event the Customer terminates service prior
7 to the initial 15-year term, and a true-up provision to adjust rates if the actual
8 cost of generation varies from estimates. *See* Direct Testimony of Philip R.
9 May, page 26, line 3 to line 11.

- 10 • The Customer will take service under ELL's Large Load, High Load Factor
11 Power Service Rate Schedule, including the Formula Rate Plan ("FRP")
12 adjustment, Fuel Adjustment Clause, and other applicable riders. *See id.*,
13 line 12 to line 16.

- 14 • The Customer will directly pay for a number of substation projects and point-
15 of-delivery transmission projects. *See* Direct Testimony of Daniel Kline,
16 page 12, Table 1.

- 17 • The Customer will be subject to minimum bill charges, which the Company
18 claims are sufficient to "offset the cost of the incremental system resources
19 necessary to serve the Customer's load." Direct Testimony of Ryan D. Jones,
20 page 18, line 6 to line 8. This calculation is based on the "estimated revenue
21 requirements for the infrastructure necessary to serve the Customer's load"
22 during the initial term of the ESA. *Id.*, page 18, line 8 to line 12. The Company
23 represents that the minimum bill charges should provide the Company with

1 sufficient cash flow during construction of the Planned Generators that are
2 expected to produce 2,262 MW of base load generation. This is meant to allow
3 the Company to maintain its credit and financial integrity, thereby protecting
4 other customers from both the direct incremental costs to serve the Customer
5 and any indirect cost associated with adverse credit actions. *Id.*, page 18, line
6 15 to line 20.

- 7 • The Customer will contribute to previously securitized storm costs and the
8 Company's current resilience program costs. *Id.*, page 20, line 2 to line 8.
- 9 • The Agreements contain a true-up provision related to the actual cost of
10 transmission and system generation capacity. For transmission costs funded
11 through the CIAC Agreement, the amounts will be updated based on changes
12 in the actual cost versus the estimated cost. For system generation capacity
13 costs, the provision adjusts the minimum bill charges and Average Demand (as
14 defined in the ESA) based on the actual cost of the projects. *Id.*, page 21, line 18
15 to page 22, line 7.

16 **Q. DOES THE COMPANY PROPOSE SPECIAL ACCOUNTING**
17 **TREATMENT FOR MINIMUM CHARGE PAYMENTS MADE BY THE**
18 **CUSTOMER DURING CONSTRUCTION OF THE PLANNED**
19 **GENERATORS?**

20 A. Yes. The Company wants to ensure that FRP charges are "just and reasonable" and
21 not "confusing or disruptive" to the Company's customers. Direct Testimony of
22 Ryan D. Jones, page 4, line 16 to page 5, line 1. To ensure this, the Company
23 proposes to "defer and amortize 'unearned' revenue generated through contract

1 minimum charge payments" from the Customer by excluding "a portion of [the]
2 Customer's per book revenues in the year of receipt and includ[ing] such amounts
3 in subsequent [years] so that revenue better tracks ELL's generation revenue
4 requirement during the fifteen-year Customer ESA original term." *Id.*, page 5,
5 line 1 to line 7.

6 **Q. DOES WALMART SUPPORT THE COMPANY'S REQUEST FOR**
7 **ACCOUNTING TREATMENT?**

8 A. Yes.

9 **Q. DOES THE COMPANY REPRESENT THAT, IN TOTAL, CUSTOMERS**
10 **WILL SEE A BENEFIT FROM THE PROVISIONS IN THE**
11 **AGREEMENTS?**

12 A. Yes. *See* Direct Testimony of Samrat Datta, page 19, line 13 to line 21.

13 **Q. DOES WALMART OPPOSE THE PROJECT?**

14 A. No, Walmart does not oppose the Project. However, Walmart wants to ensure that
15 the benefits of the Project for existing customers are realized. Assuming no
16 changes in the assumptions upon which the Agreements were executed, the
17 Agreements are likely sufficient to protect other customers from the incremental
18 costs associated with the Project. With a project of this size that has a number of
19 variables in terms of construction costs and timelines, interest rates, Customer load,
20 and other factors, it is possible that the assumptions upon which the Agreements
21 were executed (and claims of customer benefits are based) may not be accurate.
22 The Commission should require that the Company is held to the primary premises
23 (and promises) upon which this Project is based: that all other customers will not

1 pay for the incremental cost of the Customer joining ELL's system and other
2 customers will realize a benefit from the additional load. Additionally, to the extent
3 that the Customer joining ELL's system creates credit risk for the Company, the
4 Commission should require that any such additional costs related to that risk not be
5 borne by the Company's other customers.
6

7 **Incremental Load Increase Request**

8 **Q. WHAT WAS THE PROJECTED LOAD FOR THE PROJECT WHEN THE**
9 **APPLICATION WAS FILED ON OCTOBER 30, 2024?**

10 A. Based on public statements made by Mark Zuckerberg,⁶ we know that the Project
11 is at least 2 GW in size. Statements by the Company in its publicly filed Application
12 and testimony confirm that the requested load is greater than 2 GW. For example,
13 the Company's original Application disclosed that it would require 2,262 MW of
14 new baseload generation to serve the Customer's anticipated load, but that they
15 would also need to "evaluate all possible options with respect to providing the
16 additional capacity and associated energy that is needed when the Project is fully
17 operational." *See* Direct Testimony of Philip J. May, page 23, line 7 to line 12; *see*
18 *also* Direct Testimony of Laura K. Beauchamp, page 5, line 3 to line 5.

⁶ Mark Zuckerberg (@zuck), Instagram (Dec. 6, 2024), available at <https://www.instagram.com/zuck/reel/DDPm9gqv2cW/?hl=en>.

1 **Q. WHAT IS YOUR UNDERSTANDING OF THE CUSTOMER'S LOAD**
2 **INCREASE REQUEST TO THE COMPANY AFTER THE APPLICATION**
3 **WAS FILED?**

4 A. My understanding is that the Customer has notified the Company that it would like
5 to increase the size of the Project beyond the 2 GW+ size originally disclosed by
6 the Company in the Application. *See* Supplemental Direct Testimony of Laura K.
7 Beauchamp, page 4, line 5 to line 8.

8 **Q. HAS THE COMPANY DETERMINED THE EXTENT OF RESOURCES**
9 **NEEDED TO SERVE THE ADDITIONAL LOAD OVER THE INITIAL**
10 **SERVICE SIZE?**

11 A. Yes. The Company has determined that the additional load will require the
12 construction of additional transmission facilities ("Additional Facilities"). The
13 Company states that these facilities will not be system improvements and as such
14 should be paid for by the Customer. *Id.*, page 4, line 10 to page 5, line 2.

15 **Q. DOES WALMART SUPPORT THE COMPANY'S PROPOSAL TO**
16 **ALLOCATE ALL ADDITIONAL FACILITIES COSTS TO THE**
17 **CUSTOMER?**

18 A. Yes. The Commission should approve ELL's proposal to allocate all Additional
19 Facilities costs to the Customer.

1 **Q. DOES THE COMPANY MAKE ANY REPRESENTATIONS AS TO**
2 **CHANGES IN UNDERLYING RATE AGREEMENTS, SUCH AS**
3 **MINIMUM DEMANDS OR MINIMUM CHARGES, FOR THE**
4 **ADDITIONAL LOAD?**

5 A. No.

6 **Q. WHAT IS WALMART'S RECOMMENDATION TO THE COMMISSION**
7 **ON THIS ISSUE?**

8 A. As the size of the Project has increased above the amount included in the original
9 Application, the Commission should require that the minimum bills to be paid by
10 the Customer throughout the term of the ESA and any extension reflect the
11 Customer's request to increase the Project size. Ensuring that customers get the full
12 value of the ESA term – and its associated benefits – is critical since even under the
13 Company's calculations, when the ESA expires in 2041, "48% of the total 30-year
14 revenue requirement for these CCCTs will remain to be paid by ELL's other
15 customers." Direct Testimony of Samrat Datta, page 10, line 20 to page 11, line 1.

16
17 **Future Resource Planning and Resource Needs at the End of the ESA**

18 **Q. DOES THE COMPANY CONSIDER THE IMPACT ON EXISTING**
19 **CUSTOMERS IF THE CUSTOMER TERMINATES THE ESA AT THE**
20 **END OF THE INITIAL 15-YEAR CONTRACT TERM?**

21 A. Yes, the Company presents such analysis in the Direct Testimony of Samrat Datta.

1 **Q. DO YOU HAVE CONCERNS WITH THE ANALYSIS CONDUCTED BY**
2 **THE COMPANY?**

3 A. Yes, but mostly from a timing perspective.

4 **Q. PLEASE EXPLAIN.**

5 A. According to the Company, one of the reasons the Project is net positive to other
6 customers is because the Company evaluated the "avoided cost of resources
7 otherwise needed to serve the Company's other customers in the period after the
8 [initial 15-year ESA Term] expires." Direct Testimony of Samrat Datta, page 4,
9 line 8 to line 11. Specifically, the Company states that its long-term planning
10 anticipates the need for future resources in order to maintain resource adequacy,
11 and if the Customer were to discontinue service after 2041, those future resources
12 would not be needed because customers could rely upon the Planned Generators
13 for that purpose. *Id.*, page 11, line 16 to line 22. The Company identifies two
14 assumed combined cycle resources ("CCs") with commercial operation dates
15 ("COD") in 2041, and 2044, respectively, and two combustion turbine ("CT")
16 generators needed in 2042 and 2043 (referred to as the "Otherwise Needed
17 Generators"), respectively, that would no longer be needed if the Customer
18 discontinues service after 2041. *Id.*, page 12, line 1 to line 4.

19 **Q. WHY IS AVOIDANCE OF THE OTHERWISE NEEDED GENERATORS A**
20 **TIMING PROBLEM?**

21 A. According to the ESA, the Customer *must* notify the Company at least 12 months
22 (but hopefully 24 months) prior to the expiration of the ESA, *i.e.*, 2040, that it does
23 not intend to renew the ESA beyond 2041. In order to bring the Otherwise Needed

1 Generators online by the dates specified above, the Company would need to know
2 well before 2040 whether it needs to construct the Otherwise Needed Generators in
3 order to ensure COD based on the dates described above. According to the
4 Company, it anticipates 40 months of construction for a CC and 36 months to
5 construct a CT. *See* Exhibit SWC-2. When factoring in Commission and
6 Midcontinent Independent System Operator ("MISO") processes, it would likely
7 take three to five years to bring the Otherwise Needed Generators online. This
8 means that the Company may need to begin construction activities on some or all
9 of the Otherwise Needed Generators before it knows whether the Customer will
10 extend its contract and continue to require use of the Planned Generators.

11 **Q. WHAT IS YOUR RECOMMENDATION TO THE COMMISSION?**

12 A. Walmart appreciates that the Customer has entered into such a long-term
13 contractual commitment because of the benefits and assurances it provides to other
14 customers. On the other hand, the timing of the expiration of the ESA overlaps
15 with projected need for new generation resources to serve existing load. In Rebuttal
16 Testimony, the Company should explain in detail (1) how it intends to address this
17 timing concern, (2) whether through future resource planning or otherwise, and (3)
18 why a longer notice period was not part of the Agreements. Moreover, the
19 Commission should order the Company in all future resource planning proceedings
20 to detail specifically how it intends to address this issue to ensure Customers are
21 not forced to pay for some or all of the Otherwise Needed Generators before they
22 know whether they will be required to shoulder the costs of the Planned Generators.

1 **Local Reliability and Resilience**

2 **Q. IS AN INDUSTRIAL LOAD THE SIZE OF THE CUSTOMER SITE**
3 **UNPRECEDENTED FOR NORTHEAST LOUISIANA?**

4 A. Yes. A single site customer sized 2 GW or greater is unprecedented for much of
5 the United States but particularly Northeast Louisiana, which, according to the
6 Company, is a region that does not have a traditional industrial economy. *See*
7 Direct Testimony of Daniel Kline, page 5, line 21 to page 6, line 12. Because this
8 area has not previously served industrial load, the Company states that the
9 transmission system in the area will require investment to serve the Customer. *Id.*
10 Additionally, the Company represents that the proposed CCCTs will add reactive
11 power capability to the system to counteract power quality issues arising from a
12 lack of voltage regulation. *Id.*, page 23, line 20 to line 23.

13 **Q. ARE SYSTEM RELIABILITY, RESILIENCE, AND POWER QUALITY**
14 **ESSENTIAL TO WALMART'S BUSINESS?**

15 A. Yes. The efficient and resilient operation of the utility system is critical to
16 Walmart's operations. Disruptions in power, whether short-term outages or
17 sustained events due to severe weather, can significantly impact Walmart's ability
18 to serve its customers. Each Walmart store and Sam's Club hold a large inventory
19 of perishable goods, ranging from food items to pharmaceuticals, which are
20 susceptible to spoilage and require disposal during power outages even as short as
21 two hours. Additionally, Walmart's efforts to implement automation technology to
22 serve its customers, higher-efficiency motors, and lower-impact refrigerants mean
23 that the electric systems in its facilities are increasingly sensitive to power

1 fluctuations and momentary outages, making reliability and resiliency even more
2 crucial.

3 **Q. DOES WALMART HAVE EXISTING CONCERNS REGARDING POWER**
4 **QUALITY IN NORTHEASTERN LOUISIANA?**

5 A. Yes. An examination of internal outage data shows that, of Walmart's 15 stores in
6 the Northeast Louisiana region, seven stores experienced, on average, more than
7 two blue sky outages⁷ per year from 2020 to 2024. The store in Rayville, closest
8 to the Customer site, experienced 12 outages during that period (2.4 per year), with
9 an average outage duration of 87 minutes. *See* Exhibit SWC-3.

10 **Q. DOES THE ADDITION OF THE CUSTOMER'S LOAD CREATE**
11 **POTENTIAL ADDITIONAL CONCERNS REGARDING POWER**
12 **QUALITY?**

13 A. Yes. As an example, in 2024, a 230 kV transmission line fault in the Eastern
14 Interconnection led to a customer-initiated simultaneous loss of 1,500 MW of data
15 center load. While this ultimately did not cause a frequency concern or reliability
16 risk, as part of an incident review, the North American Electric Reliability
17 Corporation ("NERC") flagged the increasing risk for frequency and voltage issues
18 due to large load losses on the electrical system associated with data centers, in

⁷ Excludes named storms.

1 particular.⁸ Additionally, Bloomberg has reported on power quality issues within
2 50 miles of data center activity based on an analysis by Whisker Ting Labs.⁹

3 Walmart recognizes ELL's experience managing large loads on its system,
4 but notes the customer site load is significantly larger than the loads impacted by
5 the event analyzed by NERC. Additionally, Walmart does not doubt that ELL will
6 seek to engineer the most robust solution possible to interconnect and serve the
7 Project or that it will work closely with the Customer to ensure the Customer
8 responsibly operates its site. However, potential impacts on power quality remain
9 a concern.

10 **Q. WHAT IS WALMART'S RECOMMENDATION TO THE COMMISSION**
11 **ON THIS ISSUE?**

12 A. For the purposes of this docket, Walmart recommends the Commission require ELL
13 to actively monitor power quality within at least 50 miles of the Customer site and
14 report out no less frequently than annually to the Commission and interested
15 stakeholders. Additionally, to the extent that power quality mitigations are
16 required, the cost should be borne solely by ELL's shareholders and the Customer.

17 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

18 A. Yes.

⁸ *Incident Review: Considering Simultaneous Voltage-Sensitive Load Reductions, North American Electric Reliability Corporation*, NERC (Jan. 8, 2025), page 1, available at https://www.nerc.com/pa/rrm/ea/Documents/Incident_Review_Large_Load_Loss.pdf

⁹ Leonardo Nicoletti, Naureen Malik, and Andrew Tartar, *AI Needs so Much Power, it's Making Yours Worse*, Bloomberg (Dec. 27, 2024), available at <https://www.bloomberg.com/graphics/2024-ai-power-home-appliances/>

BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION

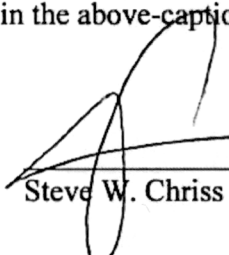
DOCKET NO. U-37425

ENTERGY LOUISIANA, LLC, EX PARTE.

In Re: Application for approval of generation and transmission resources in connection with service to a single customer for a project in North Louisiana.

AFFIDAVIT

COMES NOW, Steve W. Chriss, Senior Director, Utility Partnerships for Walmart Inc., of proper age and duly sworn, and states that my Direct Testimony and Exhibits in the above-captioned proceeding were prepared by me or under my supervision and controls, that they are true and correct to the best of my knowledge and belief, would be the same if given orally under oath, and I adopt the same as my sworn testimony in the above-captioned proceeding.

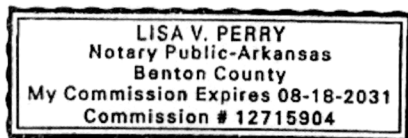


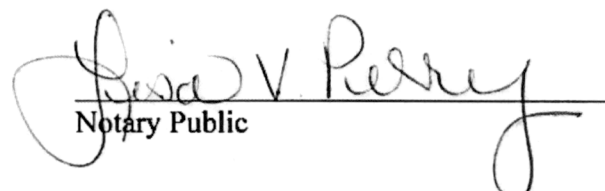
Steve W. Chriss

STATE OF ARKANSAS)
)
COUNTY OF BENTON)

SUBSCRIBED AND SWORN to before me this 10th day of April, 2025.
Witness my hand and official seal.

My Commission expires: 8-18-2031





Notary Public

[SEAL]

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**APPLICATION OF ENTERGY
LOUISIANA, LLC FOR APPROVAL OF
GENERATION AND TRANSMISSION
RESOURCES PROPOSED IN
CONNECTION WITH SERVICE TO A
SIGNIFICANT CUSTOMER PROJECT
IN NORTH LOUISIANA, INCLUDING
PROPOSED RIDER, AND REQUEST
FOR TIMELY TREATMENT**

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DOCKET NO. U-37425

EXHIBIT SWC-1 OF
STEVE W. CHRISS
ON BEHALF OF
WALMART INC.

Steve W. Chriss

Walmart Inc.

Business Address: 2608 SE J Street, Bentonville, AR, 72716

EXPERIENCE

July 2007 – Present

Walmart Inc., Bentonville, AR

Senior Director, Utility Partnerships (July 2023 – Present)

Director, Energy Services (October 2018 – July 2023)

Director, Energy and Strategy Analysis (October 2016 – October 2018)

Senior Manager, Energy Regulatory Analysis (June 2011 – October 2016)

Manager, State Rate Proceedings (July 2007 – June 2011)

June 2003 – July 2007

Public Utility Commission of Oregon, Salem, OR

Senior Utility Analyst (February 2006 – July 2007)

Economist (June 2003 – February 2006)

January 2003 - May 2003

North Harris College, Houston, TX

Adjunct Instructor, Microeconomics

June 2001 - March 2003

Econ One Research, Inc., Houston, TX

Senior Analyst (October 2002 – March 2003)

Analyst (June 2001 – October 2002)

EDUCATION

2001 **Louisiana State University**

M.S., Agricultural Economics

1997-1998 **University of Florida**

Graduate Coursework, Agricultural Education
and Communication

1997 **Texas A&M University**

B.S., Agricultural Development

B.S., Horticulture

PRESENT MEMBERSHIPS

Arkansas Advanced Energy Foundation, Board

Edison Electric Institute National Key Accounts Program, Customer Advisory Group

Florida Advisory Council for Climate and Energy

South Carolina Electricity Market Reforms Measures Study Committee

The Ray, Advisory Council

PAST MEMBERSHIPS

Arizona Independent Scheduling Administrators Association, Board

Clean Energy Buyers Alliance, Advisory Board

Southwest Power Pool, Corporate Governance Committee

TESTIMONY BEFORE REGULATORY COMMISSIONS

2024

North Dakota Case No. PU-23-324: In the Matter of the Application of Otter Tail Power Company for Authority to Increase Rates for Electric Utility Service in North Dakota.

Virginia Case No. PUR-2024-00024: Application of Appalachian Power Company for a 2024 Biennial Review of its Base Rates, Terms and Conditions Pursuant to §56-585.8 of the Code of Virginia (adopted testimony of Lisa Perry).

Louisiana Docket No. S-37074: Application of Southwestern Electric Power Company for Approval of Revised Renewable Energy Credit (REC) Tariff Submitted in Accordance with Order U-35736.

Arkansas Docket No. 24-032-TF: In the Matter of the Application of Southwestern Electric Power Company for a Proposed Revision to Rate Schedule No. 51, Renewable Energy Credit (REC) Rider.

Nevada Docket No. 24-02026: In the Matter of the Application of Sierra Pacific Power Company D/B/A NV Energy, Filed Pursuant to NRS 704.110(3) and NRS 704.110(4), Addressing General Rates Charged to All Classes of Electric Customers.

Florida Docket No. 20240025-EI: In Re: Petition for Rate Increase of Duke Energy Florida, LLC.

Florida Docket No. 20240026-EI: In Re: Petition for Rate Increase by Tampa Electric Company.

Florida Docket No. 20240012-EG: Commission Review of Numeric Conservation Goals (Florida Power & Light Company).

Florida Docket No. 20240013-EG: Commission Review of Numeric Conservation Goals (Duke Energy Florida, LLC).

Florida Docket No. 20240014-EG: Commission Review of Numeric Conservation Goals (Tampa Electric Company).

Florida Docket No. 20240015-EG: Commission Review of Numeric Conservation Goals (Florida Public Utilities Company).

Florida Docket No. 20240016-EG: Commission Review of Numeric Conservation Goals (JEA).

Florida Docket No. 20240017-EG: Commission Review of Numeric Conservation Goals (Orlando Utilities Commission).

California Application No. 23-05-010: Application of Southern California Edison Company (U338E) for Authority to Increase Its Authorized Revenues for Electric Service in 2025, Among Other Things, and to Reflect that Increase in Rates.

California Application No. 21-06-021: Application of Pacific Gas and Electric Company for Authority, Among Other Things, to Increase Rates and Charges for Electric and Gas Service Effective on January 1, 2023 and Establish a New Balancing Account for Electric Distribution Capacity Additions and New Electric Distribution Extension Work Activities.

2023

Ohio Case No. 22-0704-EL-UNS: In the Matter of the Application of Ohio Edison Company, the Cleveland Electric Illuminating Company, and the Toledo Edison Company for Approval of Phase Two of their Distributed Grid Modernization Plan.

Indiana Cause No. 45911: Petition of Indianapolis Power & Light Company d/b/a AES Indiana for Authority to Increase Rates and Charges for Electric Utility Service, and for Approval of Related Relief, Including (1) Revised Depreciation Rates, (2) Accounting Relief, Including Deferrals and Amortizations, (3) Inclusion of Capital Investments, (4) Rate Adjustment Mechanism Proposals, Including New Economic Development Rider, (5) Remote Disconnect/Reconnect Process, and (6) New Schedules of Rates, Rules, and Regulations for Service.

Nevada Docket No. 23-06007: Application of Nevada Power Company d/b/a NV Energy for Authority to Adjust its Annual Revenue Requirement for General Rates Charged to All Classes of Electric Customers and for Relief Properly Related Thereto.

Kansas Docket No. 23-EKCE-775-RTS: In the Matter of the Application of Evergy Kansas Metro, Inc., Evergy Kansas South, Inc. and Evergy Kansas Central, Inc. to make Certain Changes in their Charges for Electric Service Pursuant to K.S.A. 66-117.

North Carolina Docket No. E-7, Sub 1276: In the Matter of Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina and Performance-Based Regulation.

Virginia Case No. PUR-2023-00002: Application of Appalachian Power Company for a 2023 Triennial Review of its Base Rates, Terms, and Conditions Pursuant to §56-585.1 of the Code of Virginia.

New Mexico Case No. 22-00270-UT: In the Matter of the Application of Public Service Company of New Mexico for Revision of its Retail Electric Rates Pursuant to Advice Notice No. 595.

Arizona Docket No. E-01345A-22-0144: In the Matter of the Application of Arizona Public Service Company for a Hearing to Determine the Fair Value of the Utility Property of the Company for Ratemaking Purposes, to Fix a Just and Reasonable Rate of Return Thereon, to Approve Rate Schedules to Develop Such Return.

Oregon Docket UE 416: In the Matter of Portland General Electric Company, Request for a General Rate Revision; and 2024 Annual Power Cost Update.

Arizona Docket No. E-04204A-22-0251: In the Matter of the Application of UNS Electric, Inc. for the Establishment of Just and Reasonable Rates and Charges Designed to Realize a Reasonable Rate of Return on the Fair Value of the Properties of UNS Electric, Inc. Devoted to its Operations Throughout the State of Arizona and for Related Approvals.

Ohio Case No. 23-23-EL-SSO: In the Matter of the Application of Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan.

North Carolina Docket No. E-2, Sub 1300: In the Matter of Application of Duke Energy Progress, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina and Performance-Based Regulation.

Kentucky Case No. 2022-00372: In the Matter of Electronic Application of Duke Energy Kentucky, Inc. for (1) An Adjustment of Electric Rates; (2) Approval of New Tariffs; (3) Approval of Accounting Practices to Establish Regulatory Assets and Liabilities; and (4) All Other Required Approvals and Relief.

Missouri Docket No. ER-2022-0337: In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service.

New Mexico Case No. 22-00286-UT: In the Matter of Southwestern Public Service Company's Application for: (1) Revision of its Retail Rates Under Advice Notice No. 312; (2) Authority to Abandon

the Plant X Unit 1, Plant X Unit 2, and Cunningham Unit 1 Generating Stations and Amend the Abandonment Date of the Tolk Generating Station; and (3) Other Associated Relief.

Arizona Docket No. E-01933A-22-0107: In the Matter of the Application of Tucson Electric Power Company for the Establishment of Just and Reasonable Rates and Charges Designed to Realize a Reasonable Rate of Return on the Fair Value of the Properties of Tucson Electric Power Company Devoted to its Operations Throughout the State of Arizona and for Related Approvals.

New Mexico Case No. 22-00058-UT: In the Matter of the Public Service Company of New Mexico's Application for Authorization to Implement Grid Modernization Components that Include Advanced Metering Infrastructure and Application to Recover the Associated Costs Through a Rider, Issuance of Related Accounting Orders, and Other Associated Relief.

2022

Maine Docket No. 2022-00255: Versant Power Request for Approval of Rate Change Pursuant to 35-A M.R.S. § 307.

Maine Docket No. 2022-00152: Central Maine Power Company Request for Approval of Distribution Rate Increase and Rate Design Changes Pursuant to 35-A M.R.S. § 307.

Georgia Docket No. 44280: In Re: Georgia Power's 2022 Rate Case.

Minnesota Docket No. E-002/GR-21-630: In the Matter of the Application of Northern States Power Company for Authority to Increase Rates for Electric Service in Minnesota.

Nevada Docket No. 22-06014: In the Matter of the Application by Sierra Pacific Power Company d/b/a NV Energy, Filed Pursuant to NRS 704.110(3) and NRS 704.110(4), Addressing its Annual Revenue Requirement for General Rates Charged to All Classes of Electric Customers.

Colorado Proceeding No. 22AL-0130E: In the Matter of Advice No. 1881-Electric of Public Service Company of a Resiliency Service Program Tariff in its Colorado PUC No. 8-Electric Tariff Effective April 24, 2022.

Texas Docket No. 53601: Application of Oncor Electric Delivery Company for Authority to Change Rates.

Washington Docket No. UE-220066: Puget Sound Energy 2022 General Rate Case.

Washington Docket No. UG-220067: Puget Sound Energy 2022 Natural Gas General Rate Case.

Idaho Case No. IPC-E-21-40: In the Matter of Idaho Power Company's Application to Expand Optional Customer Clean Energy Offerings Through the Clean Energy Your Way Program.

Georgia Docket No. 44160: Georgia Power's 2022 Integrated Resource Plan.

Georgia Docket No. 44161: Application for the Certification, Decertification, and Amended Demand Side Management Plan.

2021

Missouri Case No. ER-2021-0312: In the Matter of the Request of The Empire District Electric Company d/b/a Liberty for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in its Missouri Service Area.

Indiana Cause No. 45576: Petition of Indiana Michigan Power Company, an Indiana Corporation, for Authority to Increase its Rates and Charges for Electric Utility Service through a Phase In Rate Adjustment; and for Approval of Related Relief Including: (1) Revised Depreciation Rates; (2) Accounting

Relief; (3) Inclusion of Capital Investment; (4) Rate Adjustment Mechanism Proposals; (5) Customer Programs; (6) Waiver to Declination of Jurisdiction with Respect to Certain Rules; and (7) New Schedules of Rates, Rules, and Regulations.

Oregon Docket No. UE 394: In the Matter of Portland General Electric Company, Request for a General Rate Revision.

Missouri File No. ER-2021-0240: In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service.

Florida Docket No. 20210015-EI: In re: Petition for Rate Increase by Florida Power & Light Company.

California Docket No. R-20-08-020: Order Instituting Rulemaking to Revisit Net Energy Metering Tariffs Pursuant to Decision 16-01-044, and to Address Other Issues Related to Net Energy Metering.

New Mexico Case No. 20-00238-UT: In the Matter of Southwestern Public Service Company's Application For: (1) Revision of its Retail Rates Under Advice Notice No. 292; (2) Authorization and Approval to Abandon its Plant X Unit 3 Generating Station; and (3) Other Associated Relief.

North Dakota Case No. PU-20-441: In the Matter of the Application of Northern States Power Company for Authority to Increase Rates for Electric Service in North Dakota.

New Mexico Case No. 20-00222-UT: In the Matter of the Joint Application of Avangrid, Inc., Avangrid Networks, Inc., NM Green Holdings, Inc., Public Service Company of New Mexico and PNM Resources, Inc. For Approval of the Merger of NM Green Holdings, Inc. with PNM Resources, Inc.; Approval of a General Diversification Plan; and All Other Authorizations and Approvals Requires to Consummate and Implement this Transaction.

2020

Arizona Docket No. E-01345A-19-0236: In the Matter of the Application of Arizona Public Service Company for a Hearing to Determine the Fair Value of Ratemaking Purposes, to Fix a Just and Reasonable Return Thereon and to Approve Rate Schedules Designed to Develop Such Return.

Florida Docket No. 20200176-EI: In re: Petition by Duke Energy Florida, LLC for a Limited Proceeding to Approve Clean Energy Connection Program and Tariff and Stipulation.

Florida Docket No. 20200092-EI: In re: Storm Protection Plan Cost Recovery Clause.

Nevada Docket No. 20-05003: Application of Nevada Power Company d/b/a NV Energy Filed Under Advice Letter No. 504 to Establish Customer Price Stability Tariff Schedule No. CPST (the "Program") to Assist Certain Qualifying Customers During the COVID-19 Pandemic and Economic Downturn, and to Address Certain Customer Requests for Price Stability and Potential Cost Savings in Meeting Customer Specific Business Needs and Sustainability Objectives.

Nevada Docket No. 20-05004: Application of Sierra Pacific Power Company d/b/a NV Energy Filed Under Advice Letter No. 629-E to Establish Customer Price Stability Tariff Schedule No. CPST (the "Program") to Assist Certain Qualifying Customers During the COVID-19 Pandemic and Economic Downturn, and to Address Certain Customer Requests for Price Stability and Potential Cost Savings in Meeting Customer Specific Business Needs and Sustainability Objectives.

Utah Docket No. 20-035-04: Application of Rocky Mountain Power for the Authority to Increase its Retail Electric Utility Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.

Wyoming Docket No. 20000-578-ER-20: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Service Rates by Approximately \$7.1 Million Per Year or 1.1 Percent, to Revise the Energy Cost Adjustment Mechanism, and to Discontinue Operations at Cholla Unit 4.

Virginia Case No. PUR-2020-00015: Application of Appalachian Power Company for a 2020 Triennial Review of the Rates, Terms and Conditions for the Provision of Generation, Distribution and Transmission Services Pursuant to §56-585.1 A of the Code of Virginia.

Oregon Docket No. UE 374: In the Matter of PacifiCorp d/b/a Pacific Power Request for a General Rate Revision.

Florida Docket No. 20200067-EI: In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Tampa Electric Company.

Florida Docket No. 20200069-EI: In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Duke Energy Florida, LLC.

Florida Docket No. 20200070-EI: In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Gulf Power Company.

Florida Docket No. 20200071-EI: In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Florida Power & Light Company.

North Carolina Docket No. E-2, Sub 1219: Application of Duke Energy Progress, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Missouri Case No. ER-2019-0374: In the Matter of the Empire District Electric Company's Request for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in its Missouri Service Area.

North Carolina Docket No. E-7, Sub 1214: In the Matter of Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Texas Docket No. 49831: Application of Southwestern Public Service Company for Authority to Change Rates.

2019

Missouri Case No. ER-2019-0335: In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Decrease its Revenues for Electric Service.

Michigan Case No. U-20561: In the Matter of the Application of DTE Electric Company for Authority to Increase its Rates, Amend its Rate Schedules and Rules Governing the Distribution and Supply of Electric Energy, and for Miscellaneous Accounting Authority.

Indiana Cause No. 45253: Petition of Duke Energy Indiana, LLC Pursuant to Ind. Code §§ 8-1-2-42.7 and 8-1-2-61, For (1) Authority to Modify its Rates and Charges for Electric Utility Service Through a Step-In of New Rates and Charges Using a Forecasted Test Period; (2) Approval of New Schedules of Rates and Charges, General Rules and Regulations, and Riders; (3) Approval of a Federal Mandate Certificate Under Ind. Code § 8-1-8.4-1; (4) Approval of Revised Electric Depreciation Rates Applicable to its Electric Plant in Service; (5) Approval of Necessary and Appropriate Accounting Deferral Relief; and (6) Approval of a Revenue Decoupling Mechanism for Certain Customer Classes.

Arizona Docket No. E-01933A-19-0228: In the Matter of the Application of Tucson Electric Power Company for the Establishment of Just and Reasonable Rates and Charges Designed to Realize a

Reasonable Rate of Return on the Fair Value of the Properties of Tucson Electric Power Company Devoted to its Operations Throughout the State of Arizona and for Related Approvals.

Georgia Docket No. 42516: In Re: Georgia Power's 2019 Rate Case.

Colorado Proceeding No. 19AL-0268E: Re: In the Matter of Advice No. 1797-Electric of Public Service Company of Colorado to Revise its Colorado P.U.C. No. 8-Electric Tariff to Implement Rate Changes Effective on Thirty Days' Notice.

New York Case No. 19-E-0378: Proceeding on the Motion of the Commission as to the Rates, Charges, Rules, and Regulations of New York State Electric & Gas Corporation for Electric Service.

New York Case No. 19-E-0380: Proceeding on the Motion of the Commission as to the Rates, Charges, Rules, and Regulations of Rochester Gas & Electric Corporation for Electric Service.

Maryland Case No. 9610: In the Matter of the Application of Baltimore Gas and Electric Company for Adjustments to its Electric and Gas Base Rates.

Nevada Docket No. 19-06002: In the Matter of the Application by Sierra Pacific Power Company, D/B/A NV Energy, Filed Pursuant to NRS 704.110(3) and NRS 704.110(4), Addressing its Annual Revenue Requirement for General Rates Charged to All Classes of Electric Customers.

Florida Docket No. 20190061-EI: In Re: Petition of Florida Power & Light Company for Approval of FPL SolarTogether Program and Tariff.

Wisconsin Docket No. 6690-UR-126: Application of Wisconsin Public Service Corporation for Authority to Adjust Electric and Natural Gas Rates – Test Year 2020.

Wisconsin Docket No. 5-UR-109: Joint Application of Wisconsin Electric Power Company and Wisconsin Gas LLC for Authority to Adjust Electric, Natural Gas, and Steam Rates – Test Year 2020.

New Mexico Case No. 19-00158-UT: In the Matter of the Application of Public Service Company of New Mexico for Approval of PNM Solar Direct Voluntary Renewable Energy Program, Power Purchase Agreement, and Advice Notice Nos. 560 and 561.

Indiana Cause No. 45235: Petition of Indiana Michigan Power Company, and Indiana Corporation, for Authority to Increase its Rates and Charges for Electric Utility Service through a Phase In Rate Adjustment; and for Approval of Related Relief Including: (1) Revised Depreciation Rates; (2) Accounting Relief; (3) Inclusion in Rate Base of Qualified Pollution Control Property and Clean Energy Project; (4) Enhancements to the Dry Sorbent Injection System; (5) Advanced Metering Infrastructure; (6) Rate Adjustment Mechanism Proposals; and (7) New Schedules of Rates, Rules and Regulations.

Iowa Docket No. RPU-2019-0001: In Re: Interstate Power and Light Company.

Texas Docket No. 49494: Application of AEP Texas Inc. for Authority to Change Rates.

Arkansas Docket No. 19-008-U: In the Matter of the Application of Southwestern Electric Power Company for Approval of a General Change in Rates and Tariffs.

Virginia Case No. PUR-2019-00050: Application of Virginia Electric and Power Company for Determination of the Fair Rate of Return on Common Equity Pursuant to § 56-585.1:1 of the Code of Virginia.

Indiana Docket No. 45159: Petition of Northern Indiana Public Service Company LLC Pursuant to Indiana Code §§ 8-1-2-42.7, 8-1-2-61 and Indiana Code §§ 1-2.5-6 for (1) Authority to Modify its Rates and

Charges for Electric Utility Service Through a Phase In of Rates; (2) Approval of New Schedules of Rates and Charges, General Rules and Regulations, and Riders; (3) Approval of Revised Common and Electric Depreciation Rates Applicable to its Electric Plant in Service; (4) Approval of Necessary and Appropriate Accounting Relief; and (5) Approval of a New Service Structure for Industrial Rates.

Texas Docket No. 49421: Application of Centerpoint Energy Houston Electric, LLC for Authority to Change Rates.

Nevada Docket No. 18-11015: Re: Application of Nevada Power Company d/b/a NV Energy, Filed Under Advice No. 491, to Implement NV Greenenergy 2.0 Rider Schedule No. NGR 2.0 to Allow Eligible Commercial Bundled Service Customers to Voluntarily Contract with the Utility to Increase Their Use of Reliance on Renewable Energy at Current Market-Based Fixed Prices.

Nevada Docket No. 18-11016: Re: Application of Sierra Pacific Power Company d/b/a NV Energy, Filed Under Advice No. 614-E, to Implement NV Greenenergy 2.0 Rider Schedule No. NGR 2.0 to Allow Eligible Commercial Bundled Service Customers to Voluntarily Contract with the Utility to Increase Their Use of Reliance on Renewable Energy at Current Market-Based Fixed Prices.

Georgia Docket No. 42310: In Re: Georgia Power Company's 2019 Integrated Resource Plan and Application for Certification of Capacity From Plant Scherer Unit 3 and Plant Goat Rock Units 9-12 and Application for Decertification of Plant Hammond Units 1-4, Plant McIntosh Unit 1, Plant Langdale Units 5-6, Plant Riverview Units 1-2, and Plant Estatoah Unit 1.

Wyoming Docket Nos. 20003-177-ET-18: In the Matter of the Application of Cheyenne Light, Fuel and Power Company D/B/A Black Hills Energy For Approval to Implement a Renewable Ready Service Tariff.

South Carolina Docket No. 2018-318-E: In the Matter of the Application of Duke Energy Progress, LLC For Adjustments in Electric Rate Schedules and Tariffs.

Montana Docket No. D2018.2.12: Application for Authority to Increase Retail Electric Utility Service Rates and for Approval of Electric Service Schedules and Rules and Allocated Cost of Service and Rate Design.

Louisiana Docket No. U-35019: In Re: Application of Entergy Louisiana, LLC for Authorization to Make Available Experimental Renewable Option and Rate Schedule ERO.

Arkansas Docket No. 18-037-TF: In the Matter of the Petition of Entergy Arkansas, Inc. For Its Solar Energy Purchase Option.

2018

South Carolina Docket No. 2017-370-E: Joint Application and Petition of South Carolina Electric & Gas Company and Dominion Energy, Inc., for Review and Approval of a Proposed Business Combination Between SCANA Corporation and Dominion Energy, Inc., as may be Required, and for a Prudency Determination Regarding the Abandonment of the V.C. Summer Units 2 & 3 Project and Associated Customer Benefits and Cost Recovery Plans.

Kansas Docket No. 18-KCPE-480-RTS: In the Matter of the Application of Kansas City Power & Light Company to Make Certain Changes in its Charges for Electric Service.

Virginia Case No. PUR-2017-00173: Petition of Wal-Mart Stores East, LP and Sam's East, Inc. for Permission to Aggregate or Combine Demands of Two or More Individual Nonresidential Retail Customers of Electric Energy Pursuant to § 56-577 A 4 of the Code of Virginia.

Virginia Case No. PUR-2017-00174: Petition of Wal-Mart Stores East, LP and Sam's East, Inc. for Permission to Aggregate or Combine Demands of Two or More Individual Nonresidential Retail Customers of Electric Energy Pursuant to § 56-577 A 4 of the Code of Virginia.

Oregon Docket No. UM 1953: In the Matter of Portland General Electric Company, Investigation into Proposed Green Tariff.

Virginia Case No. PUR-2017-00179: Application of Appalachian Power Company for Approval of an 100% Renewable Energy Rider Pursuant to § 56-577.A.5 of the Code of Virginia.

Missouri Docket No. ER-2018-0145: In the Matter of Kansas City Power & Light Company's Request for Authority to Implement a General Rate Increase for Electric Service.

Missouri Docket No. ER-2018-0146: In the Matter of KCP&L Greater Missouri Operations Company's Request for Authority to Implement a General Rate Increase for Electric Service.

Kansas Docket No. 18-WSEE-328-RTS: In the Matter of the Joint Application of Westar Energy, Inc. and Kansas Gas and Electric Company for Approval to Make Certain Changes in their Charges for Electric Service.

Oregon Docket No. UE 335: In the Matter of Portland General Electric Company, Request for a General Rate Revision.

North Dakota Case No. PU-17-398: In the Matter of the Application of Otter Tail Power Company for Authority to Increase Rates for Electric Utility Service in North Dakota.

Virginia Case No. PUR-2017-00179: Application of Appalachian Power Company for Approval of an 100 Percent Renewable Energy Rider Pursuant to § 56-577 A 5 of the Code of Virginia.

Missouri Case No. ET-2018-0063: In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Approval of 2017 Green Tariff.

New Mexico Case No. 17-00255-UT: In the Matter of Southwestern Public Service Company's Application for Revision of its Retail Rates Under Advice Notice No. 272.

Virginia Case No. PUR-2017-00157: Application of Virginia Electric and Power Company for Approval of 100 Percent Renewable Energy Tariffs for Residential and Non-Residential Customers.

Kansas Docket No. 18-KCPE-095-MER: In the Matter of the Application of Great Plains Energy Incorporated, Kansas City Power & Light Company, and Westar Energy, Inc. for Approval of the Merger of Westar Energy, Inc. and Great Plains Energy Incorporated.

North Carolina Docket No. E-7, Sub 1146: In the Matter of the Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Louisiana Docket No. U-34619: In Re: Application for Expedited Certification and Approval of the Acquisition of Certain Renewable Resources and the Construction of a Generation Tie Pursuant to the 1983 and/or/1994 General Orders.

Missouri Case No. EM-2018-0012: In the Matter of the Application of Great Plains Energy Incorporated for Approval of its Merger with Westar Energy, Inc.

2017

Arkansas Docket No. 17-038-U: In the Matter of the Application of Southwestern Electric Power Company for Approval to Acquire a Wind Generating Facility and to Construct a Dedicated Generation Tie Line.

Texas Docket No. 47461: Application of Southwestern Electric Power Company for Certificate of Convenience and Necessity Authorization and Related Relief for the Wind Catcher Energy Connection Project.

Oklahoma Cause No. PUD 201700267: Application of Public Service Company of Oklahoma for Approval of the Cost Recovery of the Wind Catcher Energy Connection Project; A Determination There is Need for the Project; Approval for Future Inclusion in Base Rates Cost Recovery of Prudent Costs Incurred by PSO for the Project; Approval of a Temporary Cost Recovery Rider; Approval of Certain Accounting Procedures Regarding Federal Production Tax Credits; Waiver of OAC 165:35-38-5(E); And Such Other Relief the Commission Deems PSO is Entitled.

Nevada Docket No. 17-06003: In the Matter of the Application of Nevada Power Company, d/b/a NV Energy, Filed Pursuant to NRS 704.110(3) and (4), Addressing Its Annual Revenue Requirement for General Rates Charged to All Classes of Customers.

North Carolina Docket No. E-2, Sub 1142: In the Matter of the Application of Duke Energy Progress, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Oklahoma Cause No. PUD 201700151: Application of Public Service Company of Oklahoma, an Oklahoma Corporation, for an Adjustment in its Rates and Charges and the Electric Service Rules, Regulations and Conditions of Service for Electric Service in the State of Oklahoma.

Kentucky Case No. 2017-00179: Electronic Application of Kentucky Power Company for (1) a General Adjustment of its Rates for Electric Service; (2) an Order Approving its 2017 Environmental Compliance Plan; (3) an Order Approving its Tariffs and Riders; (4) an Order Approving Accounting Practices to Establish Regulatory Assets and Liabilities; and (5) an Order Granting All Other Requested Relief.

New York Case No. 17-E-0238: Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of Niagara Mohawk Power Corporation for Electric and Gas Service.

Virginia Case No. PUR-2017-00060: Application of Virginia Electric and Power Company for Approval of 100 Percent Renewable Energy Tariffs Pursuant to §§ 56-577 A 5 and 56-234 of the Code of Virginia.

New Jersey Docket No. ER17030308: In the Matter of the Petition of Atlantic City Electric Company for Approval of Amendments to its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1, for Approval of a Grid Resiliency Initiative and Cost Recovery Related Thereto, and for Other Appropriate Relief.

Texas Docket No. 46831: Application of El Paso Electric Company to Change Rates.

Oregon Docket No. UE 319: In the Matter of Portland General Electric Company, Request for a General Rate Revision.

New Mexico Case No. 16-00276-UT: In the Matter of the Application of Public Service Company of New Mexico for Revision of its Retail Electric Rates Pursuant to Advice No. 533.

Minnesota Docket No. E015/GR-16-664: In the Matter of the Application of Minnesota Power for Authority to Increase Rates for Electric Service in Minnesota.

Ohio Case No. 16-1852-EL-SSO: In the Matter of the Application of Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to §4928.143, Ohio Rev. Code, In the Form of an Electric Security Plan.

Texas Docket No. 46449: Application of Southwestern Electric Power Company for Authority to Change Rates.

Arkansas Docket No. 16-052-U: In the Matter of the Application of Oklahoma Gas and Electric Company for Approval of a General Change in Rates, Charges, and Tariffs.

Missouri Case No. EA-2016-0358: In the Matter of the Application of Grain Belt Express Clean Line LLC for a Certificate of Convenience and Necessity Authorizing it to Construct, Own, Operate, Control, Manage and Maintain a High Voltage, Direct Current Transmission Line and an Associated Converter Station Providing an Interconnection on the Maywood-Montgomery 345 kV Transmission Line.

Florida Docket No. 160186-Ei: In Re: Petition for Increase in Rates by Gulf Power Company.

2016

Missouri Case No. ER-2016-0179: In the Matter of Union Electric Company d/b/a Ameren Missouri Tariffs to Increase its Revenues for Electric Service.

Kansas Docket No. 16-KCPE-593-ACQ: In the Matter of the Joint Application of Great Plains Energy Incorporated, Kansas City Power & Light Company, and Westar Energy, Inc. for Approval of the Acquisition of Westar Energy, Inc. by Great Plains Energy Incorporated.

Missouri Case No. EA-2016-0208: In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Public Convenience and Necessity Authorizing it to Offer a Pilot Distributed Solar Program and File Associated Tariff.

Utah Docket No. 16-035-T09: In the Matter of Rocky Mountain Power's Proposed Electric Service Schedule No. 34, Renewable Energy Tariff.

Pennsylvania Public Utility Commission Docket No. R-2016-2537359: Pennsylvania Public Utility Commission v. West Penn Power Company.

Pennsylvania Public Utility Commission Docket No. R-2016-2537352: Pennsylvania Public Utility Commission v. Pennsylvania Electric Company.

Pennsylvania Public Utility Commission Docket No. R-2016-2537355: Pennsylvania Public Utility Commission v. Pennsylvania Power Company.

Pennsylvania Public Utility Commission Docket No. R-2016-2537349: Pennsylvania Public Utility Commission v. Metropolitan Edison Company.

Michigan Case No. U-17990: In the Matter of the Application of Consumers Energy Company for Authority to Increase its Rates for the Generation and Distribution of Electricity and for Other Relief.

Florida Docket No. 160021-EI: In Re: Petition for Rate Increase by Florida Power & Light Company.

Minnesota Docket No. E-002/GR-15-816: In the Matter of the Application of Northern States Power Company for Authority to Increase Rates for Electric Service in the State of Minnesota.

Colorado Public Utilities Commission Docket No. 16AL-0048E: Re: In the Matter of Advice Letter No. 1712-Electric Filed by Public Service Company of Colorado to Replace Colorado PUC No.7-Electric Tariff with Colorado PUC No. 8-Electric Tariff.

Colorado Public Utilities Commission Docket No. 16A-0055E: Re: In the Matter of the Application of Public Service Company of Colorado for Approval of its Solar*Connect Program.

Missouri Public Service Commission Case No. ER-2016-0023: In the Matter of the Empire District Electric Company of Joplin, Missouri for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in the Missouri Service Area of the Company.

Georgia Public Service Commission Docket No. 40161: In Re: Georgia Power Company's 2016 Integrated Resource Plan and Application for Decertification of Plant Mitchell Units 3, 4A and 4B, Plant Kraft Unit 1 CT, and Intercession City CT.

Oklahoma Corporation Commission Cause No. PUD 201500273: In the Matter of Oklahoma Gas and Electric Company for an Order of the Commission Authorizing Applicant to Modify its Rates, Charges, and Tariffs for Retail Electric Service in Oklahoma.

New Mexico Case No. 15-00261-UT: In the Matter of the Application of Public Service Company of New Mexico for Revision of its Retail Electric Rates Pursuant to Advice Notice No. 513.

2015

Indiana Utility Regulatory Commission Cause No. 44688: Petition of Northern Indiana Public Service Company for Authority to Modify its Rates and Charges for Electric Utility Service and for Approval of: (1) Changes to its Electric Service Tariff Including a New Schedule of Rates and Charges and Changes to the General Rules and Regulations and Certain Riders; (2) Revised Depreciation Accrual Rates; (3) Inclusion in its Basic Rates and Charges of the Costs Associated with Certain Previously Approved Qualified Pollution Control Property, Clean Coal Technology, Clean Energy Projects and Federally Mandated Compliance Projects; and (4) Accounting Relief to Allow NIPSCO to Defer, as a Regulatory Asset or Liability, Certain Costs for Recovery in a Future Proceeding.

Public Utility Commission of Texas Docket No. 44941: Application of El Paso Electric Company to Change Rates.

Arizona Corporation Commission Docket No. E-04204A-15-0142: In the matter of the Application of UNS Electric, Inc. for the Establishment of Just and Reasonable Rates and Charges Designed to Realized a Reasonable Rate of Return on the Fair Value of the Properties of UNS Electric, Inc. Devoted to its Operations Throughout the State of Arizona, and for Related Approvals.

Rhode Island Public Utilities Commission Docket No. 4568: In Re: National Grid's Rate Design Plan.

Oklahoma Corporation Commission Cause No. PUD 201500208: Application of Public Service Company of Oklahoma, an Oklahoma Corporation, for an Adjustment in its Rates and Charges and the Electric Service Rules, Regulations and Conditions of Service for Electric Service in the State of Oklahoma.

Public Service Commission of Wisconsin Docket No. 4220-UR-121: Application of Northern States Power Company, A Wisconsin Corporation, for Authority to Adjust Electric and Natural Gas Rates.

Arkansas Public Service Commission Docket No. 15-015-U: In the Matter of the Application of Entergy Arkansas, Inc. for Approval of Changes in Rates for Retail Electric Service.

New York Public Service Commission Case No. 15-E-0283: Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of New York State Electric & Gas Corporation for Electric Service.

New York Public Service Commission Case No. 15-G-0284: Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of New York State Electric & Gas Corporation for Gas Service.

New York Public Service Commission Case No. 15-E-0285: Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of Rochester Gas & Electric Corporation for Electric Service.

New York Public Service Commission Case No. 15-G-0286: Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of Rochester Gas & Electric Corporation for Gas Service.

Public Utilities Commission of Ohio Case No. 14-1693-EL-RDR: In the Matter of the Application Seeking Approval of Ohio Power Company's Proposal to Enter Into an Affiliate Power Purchase Agreement for Inclusion in the Power Purchase Agreement Rider.

Public Service Commission of Wisconsin Docket No. 6690-UR-124: Application of Wisconsin Public Service Corporation for Authority to Adjust Electric and Natural Gas Rates.

Arkansas Public Service Commission Docket No. 15-034-U: In the Matter of an Interim Rate Schedule of Oklahoma Gas and Electric Company Imposing a Surcharge to Recover All Investments and Expenses Incurred Through Compliance with Legislative or Administrative Rules, Regulations, or Requirements Relating to the Public Health, Safety or the Environment Under the Federal Clean Air Act for Certain of its Existing Generation Facilities.

Kansas Corporation Commission Docket No. 15-WSEE-115-RTS: In the Matter of the Application of Westar Energy, Inc. and Kansas Gas and Electric Company to Make Certain Changes in their Charges for Electric Service.

Michigan Public Service Commission Case No. U-17767: In the Matter of the Application of DTE Electric Company for Authority to Increase its Rates, Amend its Rate Schedules and Rules Governing the Distribution and Supply of Electric Energy, and for Miscellaneous Accounting Authority.

Public Utility Commission of Texas Docket No. 43695: Application of Southwestern Public Service Company for Authority to Change Rates.

Kansas Corporation Commission Docket No. 15-KCPE-116-RTS: In the Matter of the Application of Kansas City Power & Light Company to Make Certain Changes in its Charges for Electric Service.

Michigan Case No. U-17735: In the Matter of the Application of the Consumers Energy Company for Authority to Increase its Rates for the Generation and Distribution of Electricity and for Other Relief.

Kentucky Public Service Commission Case No. 2014-00396: Application of Kentucky Power Company for a General Adjustment of its Rates for Electric Service; (2) an Order Approving its 2014 Environmental Compliance Plan; (3) an Order Approving its Tariffs and Riders; and (4) an Order Granting All Other Required Approvals and Relief.

Kentucky Public Service Commission Case No. 2014-00371: In the Matter of the Application of Kentucky Utilities Company for an Adjustment of its Electric Rates.

Kentucky Public Service Commission Case No. 2014-00372: In the Matter of the Application of Louisville Gas and Electric Company for an Adjustment of its Electric and Gas Rates.

2014

Ohio Public Utilities Commission Case No. 14-1297-EL-SSO: In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company and the Toledo Edison Company for Authority to Provide for a Standard Service Offer Pursuant to R.C. 4928.143 in the Form of an Electric Security Plan.

West Virginia Case No. 14-1152-E-42T: Appalachian Power Company and Wheeling Power Company, Both d/b/a American Electric Power, Joint Application for Rate Increases and Changes in Tariff Provisions.

Oklahoma Corporation Commission Cause No. PUD 201400229: In the Matter of the Application of Oklahoma Gas and Electric Company for Commission Authorization of a Plan to Comply with the Federal Clean Air Act and Cost Recovery; and for Approval of the Mustang Modernization Plan.

Missouri Public Service Commission Case No. ER-2014-0258: In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariff to Increase its Revenues for Electric Service.

Pennsylvania Public Utility Commission Docket No. R-2014-2428742: Pennsylvania Public Utility Commission v. West Penn Power Company.

Pennsylvania Public Utility Commission Docket No. R-2014-2428743: Pennsylvania Public Utility Commission v. Pennsylvania Electric Company.

Pennsylvania Public Utility Commission Docket No. R-2014-2428744: Pennsylvania Public Utility Commission v. Pennsylvania Power Company.

Pennsylvania Public Utility Commission Docket No. R-2014-2428745: Pennsylvania Public Utility Commission v. Metropolitan Edison Company.

Washington Utilities and Transportation Commission Docket No. UE-141368: In the Matter of the Petition of Puget Sound Energy to Update Methodologies Used to Allocate Electric Cost of Service and For Electric Rate Design Purposes.

Washington Utilities and Transportation Commission Docket No. UE-140762: 2014 Pacific Power & Light Company General Rate Case.

West Virginia Public Service Commission Case No. 14-0702-E-42T: Monongahela Power Company and the Potomac Edison Company Rule 42T Tariff Filing to Increase Rates and Charges.

Ohio Public Utilities Commission Case No. 14-841-EL-SSO: In the Matter of the Application of Duke Energy Ohio for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of Case No. 14-841-EL-SSO an Electric Security Plan, Accounting Modifications and Tariffs for Generation Service.

Colorado Public Utilities Commission Docket No. 14AL-0660E: Re: In the Matter of the Advice Letter No. 1672-Electric Filed by Public Service Company of Colorado to Revise its Colorado PUC No. 7-Electric Tariff to Implement a General Rate Schedule Adjustment and Other Rate Changes Effective July 18, 2014.

Maryland Case No. 9355: In the Matter of the Application of Baltimore Gas and Electric Company for Authority to Increase Existing Rates and Charges for Electric and Gas Service.

Mississippi Public Service Commission Docket No. 2014-UN-132: In Re: Notice of Intent of Entergy Mississippi, Inc. to Modernize Rates to Support Economic Development, Power Procurement, and Continued Investment.

Nevada Public Utilities Commission Docket No. 14-05004: Application of Nevada Power Company d/b/a NV Energy for Authority to Increase its Annual Revenue Requirement for General Rates Charged to All Classes of Electric Customers and for Relief Properly Related Thereto.

Utah Public Service Commission Docket No. 14-035-T02: In the Matter of Rocky Mountain Power's Proposed Electric Service Schedule No. 32, Service From Renewable Energy Facilities.

Florida Public Service Commission Docket No. 140002-EG: In Re: Energy Conservation Cost Recovery Clause.

Public Service Commission of Wisconsin Docket No. 6690-UR-123: Application of Wisconsin Public Service Corporation for Authority to Adjust Electric and Natural Gas Rates.

Connecticut Docket No. 14-05-06: Application of the Connecticut Light and Power Company to Amend its Rate Schedules.

Virginia Corporation Commission Case No. PUE-2014-00026: Application of Appalachian Power Company for a 2014 Biennial Review for the Provision of Generation, Distribution and Transmission Services Pursuant to § 56-585.1 A of the Code of Virginia.

Virginia Corporation Commission Case No. PUE-2014-00033: Application of Virginia Electric and Power Company to Revise its Fuel Factor Pursuant to Va. Code § 56-249.6.

Arizona Corporation Commission Docket No. E-01345A-11-0224 (Four Corners Phase): In the Matter of Arizona Public Service Company for a Hearing to Determine the Fair Value of Utility Property of the Company for Ratemaking Purposes, to Fix and Just and Reasonable Rate of Return Thereon, to Approve Rate Schedules Designed to Develop Such Return.

Minnesota Public Utilities Commission Docket No. E-002/GR-13-868: In the Matter of the Application of Northern States Power Company, for Authority to Increase Rates for Electric Service in Minnesota.

Utah Public Service Commission Docket No. 13-035-184: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.

Missouri Public Service Commission Case No. EC-2014-0224: In the Matter of Noranda Aluminum, Inc.'s Request for Revisions to Union Electric Company d/b/a Ameren Missouri's Large Transmission Service Tariff to Decrease its Rate for Electric Service.

Oklahoma Corporation Commission Cause No. PUD 201300217: Application of Public Service Company of Oklahoma to be in Compliance with Order No. 591185 Issued in Cause No. PUD 201100106 Which Requires a Base Rate Case to be Filed by PSO and the Resulting Adjustment in its Rates and Charges and Terms and Conditions of Service for Electric Service in the State of Oklahoma.

Public Utilities Commission of Ohio Case No. 13-2386-EL-SSO: In the Matter of the Application of Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to §4928.143, Ohio Rev. Code, in the Form of an Electric Security Plan.

2013

Oklahoma Corporation Commission Cause No. PUD 201300201: Application of Public Service Company of Oklahoma for Commission Authorization of a Standby and Supplemental Service Rate Schedule.

Georgia Public Service Commission Docket No. 36989: Georgia Power's 2013 Rate Case.

Florida Public Service Commission Docket No. 130140-EI: Petition for Rate Increase by Gulf Power Company.

Public Utility Commission of Oregon Docket No. UE 267: In the Matter of PACIFICORP, dba PACIFIC POWER, Transition Adjustment, Five-Year Cost of Service Opt-Out.

Illinois Commerce Commission Docket No. 13-0387: Commonwealth Edison Company Tariff Filing to Present the Illinois Commerce Commission with an Opportunity to Consider Revenue Neutral Tariff Changes Related to Rate Design Authorized by Subsection 16-108.5 of the Public Utilities Act.

Iowa Utilities Board Docket No. RPU-2013-0004: In Re: MidAmerican Energy Company.

South Dakota Public Utilities Commission Docket No. EL12-061: In the Matter of the Application of Black Hills Power, Inc. for Authority to Increase its Electric Rates. (filed with confidential stipulation)

Kansas Corporation Commission Docket No. 13-WSEE-629-RTS: In the Matter of the Applications of Westar Energy, Inc. and Kansas Gas and Electric Company for Approval to Make Certain Changes in their Charges for Electric Service.

Public Utility Commission of Oregon Docket No. UE 263: In the Matter of PACIFICORP, dba PACIFIC POWER, Request for a General Rate Revision.

Arkansas Public Service Commission Docket No. 13-028-U: In the Matter of the Application of Entergy Arkansas, Inc. for Approval of Changes in Rates for Retail Electric Service.

Virginia State Corporation Commission Docket No. PUE-2013-00020: Application of Virginia Electric and Power Company for a 2013 Biennial Review of the Rates, Terms, and Conditions for the Provision of Generation, Distribution, and Transmission Services Pursuant to § 56-585.1 A of the Code of Virginia.

Florida Public Service Commission Docket No. 130040-EI: Petition for Rate Increase by Tampa Electric Company.

South Carolina Public Service Commission Docket No. 2013-59-E: Application of Duke Energy Carolinas, LLC, for Authority to Adjust and Increase Its Electric Rates and Charges.

Public Utility Commission of Oregon Docket No. UE 262: In the Matter of PORTLAND GENERAL ELECTRIC COMPANY, Request for a General Rate Revision.

New Jersey Board of Public Utilities Docket No. ER12111052: In the Matter of the Verified Petition of Jersey Central Power & Light Company For Review and Approval of Increases in and Other Adjustments to Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith; and for Approval of an Accelerated Reliability Enhancement Program ("2012 Base Rate Filing")

North Carolina Utilities Commission Docket No. E-7, Sub 1026: In the Matter of the Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Public Utility Commission of Oregon Docket No. UE 264: PACIFICORP, dba PACIFIC POWER, 2014 Transition Adjustment Mechanism.

Public Utilities Commission of California Docket No. 12-12-002: Application of Pacific Gas and Electric Company for 2013 Rate Design Window Proceeding.

Public Utilities Commission of Ohio Docket Nos. 12-426-EL-SSO, 12-427-EL-ATA, 12-428-EL-AAM, 12-429-EL-WVR, and 12-672-EL-RDR: In the Matter of the Application of the Dayton Power and Light Company Approval of its Market Offer.

Minnesota Public Utilities Commission Docket No. E-002/GR-12-961: In the Matter of the Application of Northern States Power Company for Authority to Increase Rates for Electric Service in Minnesota.

North Carolina Utilities Commission Docket E-2, Sub 1023: In the Matter of Application of Progress Energy Carolinas, Inc. For Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

2012

Public Utility Commission of Texas Docket No. 40443: Application of Southwestern Electric Power Company for Authority to Change Rates and Reconcile Fuel Costs.

South Carolina Public Service Commission Docket No. 2012-218-E: Application of South Carolina Electric & Gas Company for Increases and Adjustments in Electric Rate Schedules and Tariffs and Request for Mid-Period Reduction in Base Rates for Fuel.

Kansas Corporation Commission Docket No. 12-KCPE-764-RTS: In the Matter of the Application of Kansas City Power & Light Company to Make Certain Changes in its Charges for Electric Service.

Kansas Corporation Commission Docket No. 12-GIMX-337-GIV: In the Matter of a General Investigation of Energy-Efficiency Policies for Utility Sponsored Energy Efficiency Programs.

Florida Public Service Commission Docket No. 120015-EI: In Re: Petition for Rate Increase by Florida Power & Light Company.

California Public Utilities Commission Docket No. A.11-10-002: Application of San Diego Gas & Electric Company (U 902 E) for Authority to Update Marginal Costs, Cost Allocation, and Electric Rate Design.

Utah Public Service Commission Docket No. 11-035-200: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.

Virginia State Corporation Commission Case No. PUE-2012-00051: Application of Appalachian Power Company to Revise its Fuel Factor Pursuant to § 56-249.6 of the Code of Virginia.

Public Utilities Commission of Ohio Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-349-EL-AAM, and 11-350-EL-AAM: In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form on an Electric Security Plan and In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Approval of Certain Accounting Authority.

New Jersey Board of Public Utilities Docket No. ER11080469: In the Matter of the Petition of Atlantic City Electric for Approval of Amendments to Its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1 and For Other Appropriate Relief.

Public Utility Commission of Texas Docket No. 39896: Application of Entergy Texas, Inc. for Authority to Change Rates and Reconcile Fuel Costs.

Missouri Public Service Commission Case No. EO-2012-0009: In the Matter of KCP&L Greater Missouri Operations Notice of Intent to File an Application for Authority to Establish a Demand-Side Programs Investment Mechanism.

Colorado Public Utilities Commission Docket No. 11AL-947E: In the Matter of Advice Letter No. 1597-Electric Filed by Public Service Company of Colorado to Revise its Colorado PUC No. 7-Electric Tariff to Implement a General Rate Schedule Adjustment and Other Changes Effective December 23, 2011.

Illinois Commerce Commission Docket No. 11-0721: Commonwealth Edison Company Tariffs and Charges Submitted Pursuant to Section 16-108.5 of the Public Utilities Act.

Public Utility Commission of Texas Docket No. 38951: Application of Entergy Texas, Inc. for Approval of Competitive Generation Service tariff (Issues Severed from Docket No. 37744).

California Public Utilities Commission Docket No. A.11-06-007: Southern California Edison's General Rate Case, Phase 2.

2011

Arizona Corporation Commission Docket No. E-01345A-11-0224: In the Matter of Arizona Public Service Company for a Hearing to Determine the Fair Value of Utility Property of the Company for Ratemaking Purposes, to Fix and Just and Reasonable Rate of Return Thereon, to Approve Rate Schedules Designed to Develop Such Return.

Oklahoma Corporation Commission Cause No. PUD 201100087: In the Matter of the Application of Oklahoma Gas and Electric Company for an Order of the Commission Authorizing Applicant to Modify its Rates, Charges, and Tariffs for Retail Electric Service in Oklahoma.

South Carolina Public Service Commission Docket No. 2011-271-E: Application of Duke Energy Carolinas, LLC for Authority to Adjust and Increase its Electric Rates and Charges.

Pennsylvania Public Utility Commission Docket No. P-2011-2256365: Petition of PPL Electric Utilities Corporation for Approval to Implement Reconciliation Rider for Default Supply Service.

North Carolina Utilities Commission Docket No. E-7, Sub 989: In the Matter of Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.

Florida Public Service Commission Docket No. 110138: In Re: Petition for Increase in Rates by Gulf Power Company.

Public Utilities Commission of Nevada Docket No. 11-06006: In the Matter of the Application of Nevada Power Company, filed pursuant to NRS 704.110(3) for authority to increase its annual revenue requirement for general rates charged to all classes of customers to recover the costs of constructing the Harry Allen Combined Cycle plant and other generating, transmission, and distribution plant additions, to reflect changes in the cost of capital, depreciation rates and cost of service, and for relief properly related thereto.

North Carolina Utilities Commission Docket Nos. E-2, Sub 998 and E-7, Sub 986: In the Matter of the Application of Duke Energy Corporation and Progress Energy, Inc., to Engage in a Business Combination Transaction and to Address Regulatory Conditions and Codes of Conduct.

Public Utilities Commission of Ohio Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-349-EL-AAM, and 11-350-EL-AAM: In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form on an Electric Security Plan and In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Approval of Certain Accounting Authority.

Virginia State Corporation Commission Case No. PUE-2011-00037: In the Matter of Appalachian Power Company for a 2011 Biennial Review of the Rates, Terms, and Conditions for the Provision of Generation, Distribution, and Transmission Services Pursuant to § 56-585.1 A of the Code of Virginia.

Illinois Commerce Commission Docket No. 11-0279 and 11-0282 (cons.): Ameren Illinois Company Proposed General Increase in Electric Delivery Service and Ameren Illinois Company Proposed General Increase in Gas Delivery Service.

Virginia State Corporation Commission Case No. PUE-2011-00045: Application of Virginia Electric and Power Company to Revise its Fuel Factor Pursuant to § 56-249.6 of the Code of Virginia.

Utah Public Service Commission Docket No. 10-035-124: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.

Maryland Public Utilities Commission Case No. 9249: In the Matter of the Application of Delmarva Power & Light for an Increase in its Retail Rates for the Distribution of Electric Energy.

Minnesota Public Utilities Commission Docket No. E002/GR-10-971: In the Matter of the Application of Northern States Power Company d/b/a Xcel Energy for Authority to Increase Rates for Electric Service in Minnesota.

Michigan Public Service Commission Case No. U-16472: In the Matter of the Detroit Edison Company for Authority to Increase its Rates, Amend its Rate Schedules and Rules Governing the Distribution and Supply of Electric Energy, and for Miscellaneous Accounting Authority.

2010

Public Utilities Commission of Ohio Docket No. 10-2586-EL-SSO: In the Matter of the Application of Duke Energy Ohio for Approval of a Market Rate Offer to Conduct a Competitive Bidding Process for Standard Service Offer Electric Generation Supply, Accounting Modifications, and Tariffs for Generation Service.

Colorado Public Utilities Commission Docket No. 10A-554EG: In the Matter of the Application of Public Service Company of Colorado for Approval of a Number of Strategic Issues Relating to its DSM Plan, Including Long-Term Electric Energy Savings Goals, and Incentives.

Public Service Commission of West Virginia Case No. 10-0699-E-42T: Appalachian Power Company and Wheeling Power Company Rule 42T Application to Increase Electric Rates.

Oklahoma Corporation Commission Cause No. PUD 201000050: Application of Public Service Company of Oklahoma, an Oklahoma Corporation, for an Adjustment in its Rates and Charges and Terms and Conditions of Service for Electric Service in the State of Oklahoma.

Georgia Public Service Commission Docket No. 31958-U: In Re: Georgia Power Company's 2010 Rate Case.

Washington Utilities and Transportation Commission Docket No. UE-100749: 2010 Pacific Power & Light Company General Rate Case.

Colorado Public Utilities Commission Docket No. 10M-254E: In the Matter of Commission Consideration of Black Hills Energy's Plan in Compliance with House Bill 10-1365, "Clean Air-Clean Jobs Act."

Colorado Public Utilities Commission Docket No. 10M-245E: In the Matter of Commission Consideration of Public Service Company of Colorado Plan in Compliance with House Bill 10-1365, "Clean Air-Clean Jobs Act."

Public Service Commission of Utah Docket No. 09-035-15 *Phase II*: In the Matter of the Application of Rocky Mountain Power for Approval of its Proposed Energy Cost Adjustment Mechanism.

Public Utility Commission of Oregon Docket No. UE 217: In the Matter of PACIFICORP, dba PACIFIC POWER Request for a General Rate Revision.

Mississippi Public Service Commission Docket No. 2010-AD-57: In Re: Proposal of the Mississippi Public Service Commission to Possibly Amend Certain Rules of Practice and Procedure.

Indiana Utility Regulatory Commission Cause No. 43374: Verified Petition of Duke Energy Indiana, Inc. Requesting the Indiana Utility Regulatory Commission to Approve an Alternative Regulatory Plan Pursuant to Ind. Code § 8-1-2.5-1, *ET SEQ.*, for the Offering of Energy Efficiency Conservation, Demand Response, and Demand-Side Management Programs and Associated Rate Treatment Including Incentives Pursuant to a Revised Standard Contract Rider No. 66 in Accordance with Ind. Code §§ 8-1-2.5-1 *ET SEQ.* and 8-1-2-42 (a); Authority to Defer Program Costs Associated with its Energy Efficiency Portfolio of Programs; Authority to Implement New and Enhanced Energy Efficiency Programs, Including the Powershare® Program in its Energy Efficiency Portfolio of Programs; and Approval of a Modification of the Fuel Adjustment Clause Earnings and Expense Tests.

Public Utility Commission of Texas Docket No. 37744: Application of Entergy Texas, Inc. for Authority to Change Rates and to Reconcile Fuel Costs.

South Carolina Public Service Commission Docket No. 2009-489-E: Application of South Carolina Electric & Gas Company for Adjustments and Increases in Electric Rate Schedules and Tariffs.

Kentucky Public Service Commission Case No. 2009-00459: In the Matter of General Adjustments in Electric Rates of Kentucky Power Company.

Virginia State Corporation Commission Case No. PUE-2009-00125: For acquisition of natural gas facilities Pursuant to § 56-265.4:5 B of the Virginia Code.

Arkansas Public Service Commission Docket No. 10-010-U: In the Matter of a Notice of Inquiry Into Energy Efficiency.

Connecticut Department of Public Utility Control Docket No. 09-12-05: Application of the Connecticut Light and Power Company to Amend its Rate Schedules.

Arkansas Public Service Commission Docket No. 09-084-U: In the Matter of the Application of Entergy Arkansas, Inc. For Approval of Changes in Rates for Retail Electric Service.

Missouri Public Service Commission Docket No. ER-2010-0036: In the Matter of Union Electric Company d/b/a AmerenUE for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in the Company's Missouri Service Area.

Public Service Commission of Delaware Docket No. 09-414: In the Matter of the Application of Delmarva Power & Light Company for an Increase in Electric Base Rates and Miscellaneous Tariff Charges.

2009

Virginia State Corporation Commission Case No. PUE-2009-00030: In the Matter of Appalachian Power Company for a Statutory Review of the Rates, Terms, and Conditions for the Provision of Generation, Distribution, and Transmission Services Pursuant to § 56-585.1 A of the Code of Virginia.

Public Service Commission of Utah Docket No. 09-035-15 *Phase I*: In the Matter of the Application of Rocky Mountain Power for Approval of its Proposed Energy Cost Adjustment Mechanism.

Public Service Commission of Utah Docket No. 09-035-23: In the Matter of the Application of Rocky Mountain Power for Authority To Increase its Retail Electric Utility Service Rates in Utah and for Approval of Its Proposed Electric Service Schedules and Electric Service Regulations.

Colorado Public Utilities Commission Docket No. 09AL-299E: Re: The Tariff Sheets Filed by Public Service Company of Colorado with Advice Letter No. 1535 – Electric.

Arkansas Public Service Commission Docket No. 09-008-U: In the Matter of the Application of Southwestern Electric Power Company for Approval of a General Change in Rates and Tariffs.

Oklahoma Corporation Commission Docket No. PUD 200800398: In the Matter of the Application of Oklahoma Gas and Electric Company for an Order of the Commission Authorizing Applicant to Modify its Rates, Charges, and Tariffs for Retail Electric Service in Oklahoma.

Public Utilities Commission of Nevada Docket No. 08-12002: In the Matter of the Application by Nevada Power Company d/b/a NV Energy, filed pursuant to NRS §704.110(3) and NRS §704.110(4) for authority to increase its annual revenue requirement for general rates charged to all classes of customers, begin to recover the costs of acquiring the Bighorn Power Plant, constructing the Clark Peak, Environmental Retrofits and other generating, transmission and distribution plant additions, to reflect changes in cost of service and for relief properly related thereto.

New Mexico Public Regulation Commission Case No. 08-00024-UT: In the Matter of a Rulemaking to Revise NMPRC Rule 17.7.2 NMAC to Implement the Efficient Use of Energy Act.

Indiana Utility Regulatory Commission Cause No. 43580: Investigation by the Indiana Utility Regulatory Commission, of Smart Grid Investments and Smart Grid Information Issues Contained in 111(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. § 2621(d)), as Amended by the Energy Independence and Security Act of 2007.

Louisiana Public Service Commission Docket No. U-30192 *Phase II (February 2009)*: Ex Parte, Application of Entergy Louisiana, LLC for Approval to Repower Little Gypsy Unit 3 Electric Generating Facility and for Authority to Commence Construction and for Certain Cost Protection and Cost Recovery.

South Carolina Public Service Commission Docket No. 2008-251-E: In the Matter of Progress Energy Carolinas, Inc.'s Application For the Establishment of Procedures to Encourage Investment in Energy Efficient Technologies; Energy Conservation Programs; And Incentives and Cost Recovery for Such Programs.

2008

Colorado Public Utilities Commission Docket No. 08A-366EG: In the Matter of the Application of Public Service Company of Colorado for approval of its electric and natural gas demand-side management (DSM) plan for calendar years 2009 and 2010 and to change its electric and gas DSM cost adjustment rates effective January 1, 2009, and for related waivers and authorizations.

Public Service Commission of Utah Docket No. 07-035-93: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations, Consisting of a General Rate Increase of Approximately \$161.2 Million Per Year, and for Approval of a New Large Load Surcharge.

Indiana Utility Regulatory Commission Cause No. 43374: Petition of Duke Energy Indiana, Inc. Requesting the Indiana Utility Regulatory Commission Approve an Alternative Regulatory Plan for the Offering of Energy Efficiency, Conservation, Demand Response, and Demand-Side Management.

Public Utilities Commission of Nevada Docket No. 07-12001: In the Matter of the Application of Sierra Pacific Power Company for authority to increase its general rates charged to all classes of electric customers to reflect an increase in annual revenue requirement and for relief properly related thereto.

Louisiana Public Service Commission Docket No. U-30192 *Phase II*: Ex Parte, Application of Entergy Louisiana, LLC for Approval to Repower Little Gypsy Unit 3 Electric Generating Facility and for Authority to Commence Construction and for Certain Cost Protection and Cost Recovery.

Colorado Public Utilities Commission Docket No. 07A-420E: In the Matter of the Application of Public Service Company of Colorado For Authority to Implement and Enhanced Demand Side Management Cost Adjustment Mechanism to Include Current Cost Recovery and Incentives.

2007

Louisiana Public Service Commission Docket No. U-30192: Ex Parte, Application of Entergy Louisiana, LLC for Approval to Repower Little Gypsy Unit 3 Electric Generating Facility and for Authority to Commence Construction and for Certain Cost Protection and Cost Recovery.

Public Utility Commission of Oregon Docket No. UG 173: In the Matter of PUBLIC UTILITY COMMISSION OF OREGON Staff Request to Open an Investigation into the Earnings of Cascade Natural Gas.

2006

Public Utility Commission of Oregon Docket No. UE 180/UE 181/UE 184: In the Matter of PORTLAND GENERAL ELECTRIC COMPANY Request for a General Rate Revision.

Public Utility Commission of Oregon Docket No. UE 179: In the Matter of PACIFICORP, dba PACIFIC POWER AND LIGHT COMPANY Request for a general rate increase in the company's Oregon annual revenues.

Public Utility Commission of Oregon Docket No. UM 1129 *Phase II*: Investigation Related to Electric Utility Purchases From Qualifying Facilities.

2005

Public Utility Commission of Oregon Docket No. UM 1129 *Phase I Compliance*: Investigation Related to Electric Utility Purchases From Qualifying Facilities.

Public Utility Commission of Oregon Docket No. UX 29: In the Matter of QWEST CORPORATION Petition to Exempt from Regulation Qwest's Switched Business Services.

2004

Public Utility Commission of Oregon Docket No. UM 1129 *Phase I*: Investigation Related to Electric Utility Purchases From Qualifying Facilities.

TESTIMONY BEFORE LEGISLATIVE BODIES

2024

Regarding Missouri HB 2574: Written testimony submitted to the Missouri House Committee on Utilities, April 3, 2024.

Regarding Wisconsin AB 258: Testimony before the Wisconsin Assembly Committee on Energy and Utilities, February 14, 2024.

2023

Regarding Oklahoma IS-23-032, Discussion of Performance Based Rates and Right of First Refusal of Electric Companies, October 23, 2023.

2020

Regarding Missouri Senate Joint Resolution 34: Written testimony submitted to the Missouri Senate Transportation, Infrastructure and Public Safety Committee, January 30, 2020.

2019

Regarding North Carolina Senate Bill 559: Written testimony submitted to the North Carolina Committee on Agriculture/Environment/Natural Resources, April 17, 2019.

Regarding Missouri Senate Joint Resolution 25: Written testimony submitted to the Missouri Senate Committee on Judiciary, March 28, 2019.

Regarding South Carolina House Bill 3659: Written testimony submitted to the South Carolina Senate Committee on Judiciary, March 14, 2019.

Regarding Kansas Senate Bill 69: Written testimony submitted to the Kansas Committee on Utilities, February 19, 2019.

2018

Regarding Missouri Senate Bill 564: Testimony before the Missouri Senate Committee on Commerce, Consumer Protection, Energy and the Environment, January 10, 2018.

2017

Regarding Missouri Senate Bill 190: Testimony before the Missouri Senate Committee on Commerce, Consumer Protection, Energy and the Environment, January 25, 2017.

2016

Regarding Missouri House Bill 1726: Testimony before the Missouri House Energy and Environment Committee, April 26, 2016.

2014

Regarding Kansas House Bill 2460: Testimony Before the Kansas House Standing Committee on Utilities and Telecommunications, February 12, 2014.

2012

Regarding Missouri House Bill 1488: Testimony Before the Missouri House Committee on Utilities, February 7, 2012.

2011

Regarding Missouri Senate Bills 50, 321, 359, and 406: Testimony Before the Missouri Senate Veterans' Affairs, Emerging Issues, Pensions, and Urban Affairs Committee, March 9, 2011.

AFFIDAVITS

2015

Supreme Court of Illinois, Docket No. 118129, Commonwealth Edison Company et al., respondents, v. Illinois Commerce Commission et al. (Illinois Competitive Energy Association et al., petitioners). Leave to appeal, Appellate Court, First District.

2011

Colorado Public Utilities Commission Docket No. 11M-951E: In the Matter of the Petition of Public Service Company of Colorado Pursuant to C.R.S. § 40-6-111(1)(d) for Interim Rate Relief Effective on or before January 21, 2012.

ENERGY INDUSTRY PUBLICATIONS AND PRESENTATIONS

Moderator, Building Infrastructure for a Growing Grid: Challenges and Opportunities, Edison Electric Institute National Key Accounts Workshop, Chicago, Illinois, March 24, 2025.

Panelist, Navigating the (Load) Curves of Transportation Electrification, NRECA PowerXchange, Atlanta, Georgia, March 11, 2025.

Panelist, Does My Power Purchase Agreement Need Sleeves?, NARUC Winter Policy Summit, Washington, D.C., February 23, 2025.

Panelist, Decarbonize Utilities Through Customer Action, CEBA Connect: 2024 Spring Summit, Denver, Colorado, May 24, 2024.

Panelist, Procuring Clean Energy Through Utility Green Tariff Programs, VERGE, San Jose, California, October 25, 2023.

Presenter, Walmart Energy Transformation, Edison Electric Institute National Key Accounts Workshop, Columbus, Ohio, October 9, 2023.

Presenter, Energy Transformation, The Energy Council 2023 Annual Meeting, Little Rock, Arkansas, September 15, 2023.

Presenter, Walmart's Energy and Transportation Transformation, Louisiana Clean Fuels Summit, Baton Rouge, Louisiana, April 19, 2023.

Panelist, How Federal Funding is Changing the EV Charging Landscape for Corporate Customers, Edison Electric Institute National Key Accounts Workshop, Miami, Florida, March 22, 2023.

Panelist, Green Tariffs: Benefits and Opportunities for Energy Customers and Utilities, VERGE, San Jose, California, October 26, 2022.

Panelist, Leveraging Electric Company Partnerships to Support Corporate Customer Business Strategies, Edison Electric Institute National Key Accounts Workshop, Indianapolis, Indiana, October 24, 2022.

Speaker, Supporting Walmart's Regenerative Journey, Edison Electric Institute National Key Accounts Workshop, New Orleans, Louisiana, March 21, 2022.

Speaker, Walmart and the Co-ops: The Value of Partnership, Texas Electric Cooperatives 22nd Annual Directors Conference, January 11, 2022.

Speaker, Walmart and the Co-ops: The Value of Partnership, Texas Electric Cooperatives Managers Conference, December 2, 2021.

Panelist, Industry Priorities for Building Renewable Infrastructure, ACORE Grid Forum, November 3, 2021.

Panelist, Achieving a 100% Carbon Free Energy Economy, Edison Electric Institute National Key Accounts Workshop, Long Beach, California, October 25, 2021.

Panelist, Public Private Partnerships: How Utilities and Customers are Working Together for a More Sustainable Future, Arkansas Advanced Energy Association Empower Arkansas, Little Rock, Arkansas, October 14, 2021.

Panelist, Understanding Nontraditional Stakeholders, University of Idaho Energy Executive Summit, Austin, Texas, October 12, 2021.

Panelist, US City & Corporate Clean Energy Procurement and its Role in Achieving the Paris Agreement's Goals, United States Environmental Protection Agency, September 1, 2021.

Panelist, WalStreet Fireside Chat – Future of Energy, Bentonville Chamber of Commerce, July 27, 2021.

Panelist, Corporate Customer Partnerships, EEI 2021: The Road to Net Zero, June 9, 2021.

Panelist, Counting to Clean: Corporate Sustainability and Renewable Energy, Energy Bar Association, May 12, 2021.

Speaker, Designing a Customer-Centric Clean Energy Standard, REBA Connect 2021 Virtual Member Summit, May 11, 2021.

Panelist, Delivering 100% Carbon Free Energy: Options & Issues, Northwestern Center on Law, Business, and Economics, March 16, 2021.

Electric Company Updates and Discussion on Best Practices for Serving National Corporate Customers Webinar, Edison Electric Institute, March 9, 2021.

Panelist, ComEd Fleet Electrification Webinar, December 10, 2020.

Panelist, Corporate Offtaker Perspectives Panel, Southeast Renewable Energy Summit, November 18, 2020.

Panelist, EEI National Key Accounts – Connections that Mean Business for Corporate Customers, EEI Fall National Key Accounts Workshop, October 28, 2020.

Panelist, COVID-19, a Catalyzer or a Barrier to Decarbonization?, Power & Renewables Summit 2020, September 28, 2020.

Panelist, What Organized Markets Can Do for You, REBA Connect: Virtual Member Summit 2020, June 2, 2020.

Panelist, Expanding Future Procurement Options, REBA Connect: Virtual Member Summit 2020, May 13, 2020.

Panelist, Renewable Energy Options for Large Utility Customers, NARUC Center for Partnership & Innovation Webinar Series, January 16, 2020.

Panelist, Pathways to Integrating Customer Clean Energy Demand in Utility Planning, REBA: Market Innovation webinar, January 13, 2020.

Panelist, Should Full Electrification of Energy Systems be Our Goal? If it's No Longer Business as Usual, What Does That Mean for Consumers?, National Association of State Utility Consumer Advocates 2019 Annual Meeting, San Antonio, Texas, November 18, 2019.

Panelist, Fleet Electrification, Federal Utility Partnership Working Group Seminar, Washington, DC, November 8, 2019.

Panelist, Tackling the Challenges of Extreme Weather, Edison Electric Institute Fall National Key Accounts Workshop, Las Vegas, Nevada, October 8, 2019.

Panelist, Fleet Electrification: Tackling the Challenges and Seizing the Opportunities for Electric Trucks, Powering the People 2019, Washington, D.C., September 24, 2019.

Panelist, From the Consumer Perspective, Mid-American Regulatory Conference 2019 Annual Meeting, Des Moines, Iowa, August 13, 2019.

Panelist, Redefining Resiliency: Emerging Technologies Benefiting Customers and the Grid, EPRI 2019 Summer Seminar, Chicago, Illinois, August 12, 2019.

Panelist, Energy Policies for Economic Growth, 2019 Energy Policy Summit, NCSL Legislative Summit, Nashville, Tennessee, August 5, 2019.

Panelist, Gateway to Energy Empowerment for Customers, Illumination Energy Summit, Columbus, Ohio, May 15, 2019.

Panelist, Advancing Clean Energy Solutions Through Stakeholder Collaborations, 2019 State Energy Conference of North Carolina, Raleigh, North Carolina, May 1, 2019.

Panelist, Fleet Electrification: Getting Ready for the Transition, Edison Electric Institute Spring National Key Accounts Workshop, Seattle, Washington, April 8, 2019.

Panelist, Where the Fleet Meets the Pavement, Which Way to Electrification of the U.S. Transportation System?, Washington, D.C., April 4, 2019.

Panelist, Improving Renewable Energy Offerings: What Have We Learned?, Advanced Energy Economy Webinar, March 26, 2019.

Speaker, National Governors Association Southeast Regional Transportation Electrification Workshop, Nashville, Tennessee, March 11, 2019.

Speaker, Walmart Spotlight: A Day in the Life of a National Energy Manager, Touchstone Energy Cooperatives Net Conference 2019, San Diego, California, February 12, 2019.

Panelist, National Accounts: The Struggle is Real, American Public Power Association Customer Connections Conference, Orlando, Florida, November 6, 2018.

Panelist, Getting in Front of Customers Getting Behind the Meter Solutions, American Public Power Association Customer Connections Conference, Orlando, Florida, November 6, 2018.

Panelist, Sustainable Fleets: The Road Ahead for Electrifying Fleet Operations, EEI National Key Accounts 2018 Fall Workshop, San Antonio, Texas, October 23, 2018.

Panelist, Meeting Corporate Clean Energy Requirements in Virginia, Renewable Energy Buyers Alliance Summit, Oakland, California, October 15, 2018.

Panelist, What Are the Anticipated Impacts on Pricing and Reliability in the Changing Markets?, Southwest Energy Conference, Phoenix, Arizona, September 21, 2018.

Speaker, Walmart's Project Gigaton – Driving Renewable Energy Sourcing in the Supply Chain, Smart Energy Decisions Webcast Series, July 11, 2018.

Panelist, Customizing Energy Solutions, Edison Electric Institute Annual Convention, San Diego, California, June 7, 2018.

Powering Ohio Report Release, Columbus, Ohio, May 29, 2018.

Panelist, The Past, Present, and Future of Renewable Energy: What Role Will PURPA, Mandates, and Collaboration Play as Renewables Become a Larger Part of Our Energy Mix?, 36th National Regulatory Conference, Williamsburg, Virginia, May 17, 2018.

Panelist, Sustainability Milestone Deep Dive Session, Walmart Global Sustainability Leaders Summit, Bentonville, Arkansas, April 18, 2018.

Panelist, The Customer's Voice, Tennessee Valley Authority Distribution Marketplace Forum, Murfreesboro, Tennessee, April 3, 2018.

Panelist, Getting to Yes with Large Customers to Meet Sustainability Goals, The Edison Foundation Institute for Electric Innovation Powering the People, March 7, 2018.

Panelist, The Corporate Quest for Renewables, 2018 NARUC Winter Policy Summit, Washington, D.C., February 13, 2018.

Panelist, Solar and Renewables, Touchstone Energy Cooperatives NET Conference 2018, St. Petersburg, Florida, February 6, 2018.

Panelist, Missouri Public Service Commission November 20, 2017 Workshop in File No. EW-2017-0245.

Panelist, Energy and Climate Change, 2017-18 Arkansas Law Review Symposium: Environmental Sustainability and Private Governance, Fayetteville, Arkansas, October 27, 2017.

Panelist, Customer – Electric Company – Regulator Panel, Edison Electric Institute Fall National Key Accounts Workshop, National Harbor, Maryland, October 12, 2017.

Panelist, What Do C&I Buyers Want, Solar Power International, Las Vegas, Nevada, September 12, 2017.

Panelist, Partnerships for a Sustainable Future, American Public Power Association National Conference, Orlando, Florida, June 20, 2017.

Panelist, Corporate Renewable Energy Buyers in the Southeast, SEARUC 2017, Greensboro, Georgia, June 12, 2017.

Panelist, Transitioning Away from Traditional Utilities, Utah Association of Energy Users Annual Conference, Salt Lake City, Utah, May 18, 2017.

Panelist, Regulatory Approaches for Integrating and Facilitating DERs, New Mexico State University Center for Public Utilities Advisory Council Current Issues 2017, Santa Fe, New Mexico, April 25, 2017.

Presenter, Advancing Renewables in the Midwest, Columbia, Missouri, April 24, 2017.

Panelist, Leveraging New Energy Technologies to Improve Service and Reliability, Edison Electric Institute Spring National Key Accounts Workshop, Phoenix, Arizona, April 11, 2017.

Panelist, Private Sector Demand for Renewable Power, Vanderbilt Law School, Nashville, Tennessee, April 4, 2017.

Panelist, Expanding Solar Market Opportunities, 2017 Solar Power Colorado, Denver, Colorado, March 15, 2017.

Panelist, Renewables: Are Business Models Keeping Up?, Touchstone Energy Cooperatives NET Conference 2017, San Diego, California, January 30, 2017.

Panelist, The Business Case for Clean Energy, Minnesota Conservative Energy Forum, St. Paul, Minnesota, October 26, 2016.

Panelist, M-RETS Stakeholder Summit, Minneapolis, Minnesota, October 5, 2016.

Panelist, 40th Governor's Conference on Energy & the Environment, Kentucky Energy and Environment Cabinet, Lexington, Kentucky, September 21, 2016.

Panelist, Trends in Customer Expectations, Wisconsin Public Utility Institute, Madison, Wisconsin, September 6, 2016.

Panelist, The Governor's Utah Energy Development Summit 2015, May 21, 2015.

Mock Trial Expert Witness, The Energy Bar Association State Commission Practice and Regulation Committee and Young Lawyers Committee and Environment, Energy and Natural Resources Section of the D.C. Bar, Mastering Your First (or Next) State Public Utility Commission Hearing, February 13, 2014.

Panelist, Customer Panel, Virginia State Bar 29th National Regulatory Conference, Williamsburg, Virginia, May 19, 2011.

Chriss, S. (2006). "Regulatory Incentives and Natural Gas Purchasing – Lessons from the Oregon Natural Gas Procurement Study." Presented at the 19th Annual Western Conference, Center for Research in Regulated Industries Advanced Workshop in Regulation and Competition, Monterey, California, June 29, 2006.

Chriss, S. (2005). "Public Utility Commission of Oregon Natural Gas Procurement Study." Public Utility Commission of Oregon, Salem, OR. Report published in June, 2005. Presented to the Public Utility Commission of Oregon at a special public meeting on August 1, 2005.

Chriss, S. and M. Radler (2003). "Report from Houston: Conference on Energy Deregulation and Restructuring." USAEE Dialogue, Vol. 11, No. 1, March, 2003.

Chriss, S., M. Dwyer, and B. Pulliam (2002). "Impacts of Lifting the Ban on ANS Exports on West Coast Crude Oil Prices: A Reconsideration of the Evidence." Presented at the 22nd USAEE/IAEE North American Conference, Vancouver, BC, Canada, October 6-8, 2002.

Contributed to chapter on power marketing: "Power System Operations and Electricity Markets," Fred I. Denny and David E. Dismukes, authors. Published by CRC Press, June 2002.

Contributed to "Moving to the Front Lines: The Economic Impact of the Independent Power Plant Development in Louisiana," David E. Dismukes, author. Published by the Louisiana State University Center for Energy Studies, October 2001.

Dismukes, D.E., D.V. Mesyanzhinov, E.A. Downer, S. Chriss, and J.M. Burke (2001). "Alaska Natural Gas In-State Demand Study." Anchorage: Alaska Department of Natural Resources.

BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION

APPLICATION OF ENTERGY)	
LOUISIANA, LLC FOR APPROVAL OF)	
GENERATION AND TRANSMISSION)	
RESOURCES PROPOSED IN)	
CONNECTION WITH SERVICE TO A)	DOCKET NO. U-37425
SIGNIFICANT CUSTOMER PROJECT)	
IN NORTH LOUISIANA, INCLUDING)	
PROPOSED RIDER, AND REQUEST)	
FOR TIMELY TREATMENT)	

EXHIBIT SWC-2 OF

STEVE W. CHRISS

ON BEHALF OF

WALMART INC.

ENTERGY LOUISIANA, LLC
LOUISIANA PUBLIC SERVICE COMMISSION
Docket No. U-37425

Response of: Entergy Louisiana, LLC
to the First Set of Data Requests
of Requesting Party: Walmart Inc.

Question No.: WALMART 1-13

Part No.:

Addendum:

Question:

Please reference the Direct Testimony of Samrat Datta at p. 13, lines 11-16 and answer the following:

- a. How many years in advance would the Company need to begin planning for the Otherwise Needed Generators in order for them to come online in the time period projected by Company witness Datta as described in Walmart 1-12?
- b. How long does it take to construct (without regarding to scoping, design, and procurement or any other pre-construction phase) a combined cycle generation resource?
- c. How long does it take to construct (without regarding to scoping, design, and procurement or any other pre-construction phase) a combustion turbine generation resource?

Response:

- a. See the testimony of ELL Witness Matthew Bulpitt at pages 16-17.
- b. Based on current conditions, ELL estimates a construction period of approximately 40 months for a new combined cycle generation resource.
- c. ELL currently projects a construction period of approximately 36 months for a new combustion turbine generation resource.

BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION

APPLICATION OF ENTERGY)	
LOUISIANA, LLC FOR APPROVAL OF)	
GENERATION AND TRANSMISSION)	
RESOURCES PROPOSED IN)	
CONNECTION WITH SERVICE TO A)	DOCKET NO. U-37425
SIGNIFICANT CUSTOMER PROJECT)	
IN NORTH LOUISIANA, INCLUDING)	
PROPOSED RIDER, AND REQUEST)	
FOR TIMELY TREATMENT)	

EXHIBIT SWC-3 OF

STEVE W. CHRISS

ON BEHALF OF

WALMART INC.

Walmart Store Outages in Northeast Louisiana, 2020 to 2025

Store (1)	City (2)	Number of Outages					Total (8)	Average (9)
		2024 (3)	2023 (4)	2022 (5)	2021 (6)	2020 (7)		
23	Ruston						0	-
98	Bastrop		2	2	4	1	9	1.80
149	Jonesboro	1			1	2	4	0.80
307	West Monroe						0	-
976	Winnsboro	1		2	1	2	6	1.20
1108	Oak Grove	4	3	2	1		10	2.00
1109	Rayville	3	1	5	2	1	12	2.40
1110	Farmerville						0	-
1193	Monroe	1	1	2	2		6	1.20
2919	Monroe	1	5	4	4	6	20	4.00
2940	West Monroe	4		1	6	4	15	3.00
3743	West Monroe	1	2	2	2		7	1.40
3745	Monroe	3	1			3	7	1.40
4577	Ruston						0	-
8237	Monroe	4	3	3		1	11	2.20
Total		23	18	23	23	20	107	

		Minutes						
1109	Rayville	360	48	534	96	6	1,044	87

