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SOAH DOCKET NO. 473-25-11558 PUC DOCKET NO. 57579

BEFORE THE STATE OFFICE

OF

ADMINISTRATIVE HEARINGS



DIRECT TESTIMONY OF

JOHN POOLE, P.E.,

INFRASTRUCTURE DIVISION

PUBLIC UTILITY COMMISSION OF TEXAS

APRIL 15, 2025

PUC Docket No. 57579

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| 1 | <u>I.</u> | STATEMENT OF QUALIFICATIONS |
|----|------------|---|
| 2 | | |
| 3 | Q. | Please state your name, occupation, and business address. |
| 4 | A. | My name is John Poole. I am employed by the Public Utility Commission of Texas |
| 5 | | (Commission) as an Engineer within the Infrastructure Division. My business address is |
| 6 | | 1701 North Congress Avenue, Austin, Texas 78701. |
| 7 | | |
| 8 | Q. | Please briefly outline your educational and professional background. |
| 9 | A. | I have a Bachelor of Science degree in Electrical Engineering. I completed my degree in |
| 10 | | December 2014 and have been employed at the Commission since February 2015. A more |
| 11 | | detailed resume is provided in Attachment JP-1. |
| 12 | | |
| 13 | Q. | Are you a registered professional engineer? |
| 14 | A. | Yes, I am a registered Professional Engineer in Texas, and my member number is 133982. |
| 15 | | |
| 16 | Q. | Have you previously testified as an expert before the Commission? |
| 17 | A. | Yes. A list of my previous testimony is provided in Attachment JP-2. |
| 18 | | |
| 19 | <u>11.</u> | PURPOSE AND SCOPE OF TESTIMONY |
| 20 | | |
| 21 | Q. | What is the purpose of your testimony in this proceeding? |

A. Section 38.078 of the Public Utility Regulatory Act (PURA)¹ allows a utility to file a plan l 2 "to enhance the resiliency of the utility's transmission and distribution system." The 3 purpose of my testimony is to present recommendations concerning Centerpoint Energy Houston Electric, LLC's (Centerpoint Houson) application for approval of its 2026-2028 4 Transmission and Distribution System Resiliency Plan (System Resiliency Plan) filed on 5 January 31, 2025. I will address issues 6, 7, 8, 9, 10, 11, 12, 16, and 19 in the list of issues 6 the Commission identified in the Order of Referral and Preliminary Order filed on February 7 8 3, 2025; 6. Does the resiliency plan include an executive summary or comprehensive chart that 9 10 explains the plan objectives, the resiliency events or related risks the plan is designed to address, the plan's proposed resiliency measures, the proposed metrics or criteria for 11 12 evaluating the plan's effectiveness, the plan's cost and benefits, and how the overall plan is in the public interest? 13 14 7. What measures comprise the electric utility's resiliency plan to prevent, withstand, 15 mitigate, or promptly recover from the risks posed by resiliency events to its transmission 16 and distribution systems? In evaluating the measures, please address the following: 17 a. Does each measure use one or more of the methods listed in PURA and the 18 Commission rule? 19 b. What risk or risks posed by resiliency events is each measure intended to 20prevent, withstand, mitigate, or more promptly recover from? 21c. How did the electric utility prioritize the identified resiliency event and, if 22 applicable, the particular geographic area, system, or facilities where each 23 measure will be implemented? 24 d. How effective is each measure in preventing, withstanding, mitigating, or 25 promptly recovering from the risks posed by the identified resiliency event? In 26addressing this question, identify any evidence that is quantitative, 27

¹ Public Utility Regulatory Act, Tex. Util. Code §§ 11,001-66,016.

| 1 | performance-based, or provided by an independent entity with relevant |
|----|--|
| 1 | |
| 2 | expertise which supports the effectiveness of each measure. |
| 3 | e. What are the expected benefits of each resiliency measure, including, as |
| 4 | applicable, reduced system restoration costs, reduction in the frequency or |
| 5 | duration of outages for customers and any improvement in the overall service |
| 6 | reliability for customers, including the classes of customers served and any |
| 7 | critical load designations? |
| 8 | f. Is any measure a coordinated effort with federal, state, or local government |
| 9 | programs, or would the measure benefit from any federal, state, or local |
| 10 | funding opportunities? |
| 11 | g. How does each measure compare, such as by cost or performance, to |
| 12 | reasonable and readily identifiable alternatives? |
| 13 | h. Does any measure require a transmission system outage to implement? |
| 14 | i. Does any measure entail revising the functionality of AMS smart meters? If |
| 15 | so, has any required deployment plan filing or notice been accomplished? |
| 16 | |
| 17 | 8. What types of resiliency events and associated resiliency-related risks is the resiliency |
| 18 | plan designed to prevent, withstand, mitigate, or promptly recover from? For each |
| 19 | resiliency event identified and described by the resiliency plan, please address the |
| 20 | following: |
| 21 | a. Is the type of resiliency event defined with sufficient detail to allow the electric |
| 22 | utility or Commission to determine whether an actual set of circumstances |
| 23 | qualifies as a resiliency event of that type? |
| 24 | b. Does the resiliency event type include one or more magnitude thresholds, if |
| 25 | appropriate, based on the risks posed to the electric utility's systems by that |
| 26 | type of event? |
| 27 | c. What are the system characteristics that make the electric utility's transmission |
| 28 | and distribution systems susceptible to the identified resiliency event type? |
| 29 | d. What is the electric utility's experience with, if applicable, and forecasted risk |
| 30 | of the identified event type, including whether the forecasted risk is specific to |
| 31 | a particular system or geographic area? |
| | |

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e. Do any studies conducted by the independent system operator or an independent entity with relevant expertise support the forecasted risk of the identified event type?

9. For each measure in the resiliency plan, what is the appropriate metric or criteria for evaluating the effectiveness of that measure in preventing, withstanding, mitigating, or promptly recovering from the risks associated with the resiliency event it is designed to address?

- 10 10. Does the resiliency plan include measures that are similar to other existing programs 11 or measures, such as a storm hardening plan under 16 TAC § 25.95 or a vegetation 12 management plan under 16 TAC § 25.96, or programs or measures otherwise required by 13 law? If so, how are the measures in the resiliency plan distinct from these programs and 14 measures and, if appropriate, how do the related items work in conjunction with one 15 another?
- 17 11. How does the metric or criteria for evaluating the effectiveness of each measure in the 18 resiliency plan differentiate between system improvement due to the measure in the 19 resiliency plan and system improvement due to other existing programs or measures?
- 20

16

12. What systematic approach will be used to implement the resiliency plan during at least 21a three-year period? In addressing this question, please address details of the 22 implementation, including estimated capital costs, estimated operations and maintenance 23 expenses, an estimated timeline for completion, and, when practicable and appropriate, 24estimated net salvage value (value of the retired asset less depreciation and cost of removal) 25 and remaining service lives of any assets expected to be retired or replaced by resiliency-26 related investments. Please also address relevant cost drivers (e.g., line miles, frequency of 27 28 inspections, frequency of trim cycles, etc.) that would affect the estimates.

29

19. Should the Commission approve, deny, or modify the resiliency plan? In answering l this question, address whether approving the plan is in the public interest by considering 2 the following factors: 3 a. the extent to which the plan is expected to enhance system resiliency, 4 including: 5 i. the verifiability and severity of the resiliency risks posed by the 6 resiliency events the resiliency plan is designed to address; 7 ii. the extent to which the plan will enhance resiliency of the electric 8 9 utility's system, mitigate system restoration costs, reduce the frequency or duration of outages, or improve overall service reliability for 10 customers during and following a resiliency event; 11 12 iii. the extent to which the resiliency plan prioritizes areas of lower performance; and 13 iv. the extent to which the resiliency plan prioritizes critical load as defined 14 in 16 TAC § 25.52. 15 b. the estimated time and costs of implementing the measures proposed in the 16 17 resiliency plan; c. whether there are more efficient, cost-effective, or otherwise superior means 18 of preventing, withstanding, mitigating, or more promptly recovering from the 19 risks posed by the resiliency events addressed by the resiliency plan; or 20d. other relevant factors. 2122 Q. Do the Commission's rules provide any instruction regarding what a resiliency plan 23 is comprised of? Yes. 16 TAC § 25.62(c)(1) lists the measures that a resiliency plan is compromised of. 24 Α.

| l | | Specifically: |
|----|----|---|
| 2 | | (A) hardening electric transmission and distribution facilities; |
| 3 | | (B) modernizing electric transmission and distribution facilities; |
| 4 | | (C) undergrounding certain electric distribution lines; |
| 5 | | (D) lightning mitigation measures; |
| 6 | | (E) flood mitigation measures; |
| 7 | | (F) information technology; |
| 8 | | (G) cybersecurity measures; |
| 9 | | (H) physical security measures; |
| 10 | | (I) vegetation management; or |
| 11 | | (J) wildfire mitigation and response. |
| 12 | | |
| 13 | Q. | Which of the measures are you going to be addressing in your testimony? |
| 14 | Α. | I will be addressing measures (A), (B), (E), and (J) of the resiliency plan measures listed |
| 15 | | above with regards to Centerpoint Houston's Mobile Substation (Resilience Measure (RM- |
| 16 | | 13), Distribution Capacity Enhancements/Substations (RM-16), and Contamination |
| 17 | | Mitigation (RM-19). |
| 18 | | |
| 19 | Q. | Do the Commission's rules provide any instruction regarding what the Commission |
| 20 | | shall consider in its review of a resiliency plan? |
| 21 | Α. | Yes. 16 TAC § $25.62(d)(4)$ lists what the Commission shall consider when reviewing a |
| 22 | | resiliency plan. Specifically the Commission shall consider: |
| 23 | | (A) the extent to which the plan is expected to enhance system resiliency, including |

| l | whether the plan prioritizes areas of lower performance; |
|----|---|
| 2 | (B) the estimated costs of implementing the measures proposed in the plan; and |
| 3 | (C) whether the plan is in the public interest. The commission will not approve a |
| 4 | plan that is not in the public interest. In evaluating the public interest, the |
| 5 | commission may consider: |
| 6 | (i) the extent to which the plan is expected to enhance system resiliency, |
| 7 | including: |
| 8 | (1) the verifiability and severity of the resiliency risks posed by the |
| 9 | resiliency events the resiliency plan is designed to address; |
| 10 | (II) the extent to which the plan will enhance resiliency of the |
| 11 | electric utility's system, mitigate system restoration costs, reduce |
| 12 | the frequency or duration of outages, or improve overall service |
| 13 | reliability for customers during and following a resiliency event; |
| 14 | (III) the extent to which the resiliency plan prioritizes areas of lower |
| 15 | performance; |
| 16 | (IV) the extent to which the resiliency plan prioritizes critical load |
| 17 | as defined in §25.52 of this title (relating to Reliability and |
| 18 | Continuity of Service); |
| 19 | (ii) the estimated time and costs of implementing the measures proposed in the |
| 20 | resiliency plan; |
| 21 | (iii) whether there are more efficient, cost-effective, or otherwise superior means |
| 22 | of preventing, withstanding, mitigating, or more promptly recovering from the risks |
| 23 | posed by the resiliency events addressed by the resiliency plan; or |

l

(iv) other factors deemed relevant by the commission.

2

3

Q. How does the Commission Rules define a resiliency event?

A. 16 TAC § 25.62(b)(3) defines a resiliency event as "an event involving extreme weather
conditions, wildfires, cybersecurity threats, or physical security threats that poses a
material risk to the safe and reliable operation of an electric utility's transmission and
distribution systems. A resiliency event is not primarily associated with resource adequacy
or an electric utility's ability to deliver power to load under normal operating conditions."

9

Q. If you do not address an issue or position in your testimony, should that be interpreted as Staff supporting Centerpoint Houston's position on that issue?

- A. No. The fact that I do not address an issue or position in my testimony should not be
 construed as agreeing with, endorsing, or consenting to any position taken by Centerpoint
 Houston.
- 15

16 Q. How is your testimony organized?

A. My testimony begins in Section I with a statement of my qualifications. In Section II, I
 discuss the purpose of my testimony. Section III is a list of my recommendations regarding
 Centerpoint Houston's application. Section IV is my review and explanation for my
 position on Mobile Substations (RM-13). Section V is my review and explanation for my
 position on Distribution Capacity Enhancements/Substations (RM-16). Section VI is my
 review and explanation for my position on Contamination Mitigation (RM-19).

23

1 **<u>III. RECOMMENDATIONS</u>**

2

| 3 | Q. | Based on your evaluation of Centerpoint Houston's application and other relevant |
|----|------------|---|
| 4 | | material, what conclusions have you reached regarding their System Resiliency Plan? |
| 5 | Α. | 1. I recommend the Commission deny Centerpoint Houston's Mobile Substation (RM-13) |
| 6 | | Resiliency Measure. |
| 7 | | |
| 8 | | 2. I recommend the Commission deny Centerpoint Houston's Distribution Capacity |
| 9 | | Enhancements/Substations (RM-16) Resiliency Measure. |
| 10 | | |
| 11 | | 3. I recommend the Commission approve Centerpoint Houston's Contamination Mitigation |
| 12 | | (RM-19) Resiliency Measure. |
| 13 | | |
| 14 | <u>IV.</u> | MOBILE SUBSTATION (RM 13) RESILIENCY MEASURE |
| 15 | | |
| 16 | Q. | Can you briefly describe this resiliency measure? |
| 17 | Α. | Yes. The Mobile Substation Resiliency Measure is designed to help the Centerpoint |
| 18 | | Houston system resist "extreme water" conditions by leasing additional mobile substations. |
| 19 | | |
| 20 | Q. | What measures, as listed in 16 TAC § 25.62(c)(1), are addressed by Centerpoint |
| 21 | | Houston's Mobile Substation (RM-13) Resiliency Measure? |
| 22 | A. | This resiliency measure addresses measure (A), (E), and (J): hardening electric |
| 23 | | transmission and distribution facilities, flood mitigation measures and wildfire mitigation |

and response.² Specifically Centerpoint will acquire six more mobile substations to increase its number to 11. CenterPoint Houston points out how mobile substations have been used in the past to assist in flooding situations, such as in 2017 during Hurricane Harvey as well as how they can be used to prevent outages during capital projects and restoration efforts during equipment failures.³

6

Q. What is your review of CenterPoint Houston's Mobile Substation (RM-13) Resiliency
Measure with regards to the considerations listed in 16 TAC § 25.62(d)(4), and how
does that program address them?

16 TAC § 25.62(d)(4)(C)(i)(II) states that the Commission will consider "the extent to Α. 10 11 which the plan will enhance resiliency of the electric utility's system, mitigate system restoration costs, reduce the frequency or duration of outages, or improve overall service 12 reliability for customers during and following a resiliency event[.]" In my opinion., mobile 13 transformers do provide Centerpoint Houston with the capability to reduce the frequency 14 or duration of outages by being able to quickly respond to transformer failures caused by 15 resiliency events, such as flooding during events like Hurricane Harvey. However, 16 Centerpoint Houston already has five mobile transformers⁴ and has produced no evidence 17 to suggest that the current number of transformers is insufficient. Centerpoint Houston 18 could be more specific on why six additional mobile transformers are necessary to provide 19these benefits when Centerpoint Houston already has 5 transformers available for use. Until 20

² Application of CenterPoint Energy Houston Electric, LLC for Approval of its 2026-2028 Transmission and Distribution Resiliency Plan, Exhibit 1 at 124. (Bates 159) (Application).

³ Direct Testimony of David Mercado at 16 (Bates 652).

⁴ CenterPoint Energy Houston Electric, LLC's Responses to Texas Industrial Energy Consumers First Set of RFIs at 26.

a more detailed explanation of the specific additional benefits these six additional mobile
 transformers is provided by Centerpoint Houston, I recommend the Commission deny this
 resiliency measure.

4

5 V. DISTRIBUTION CAPACITY ENHANCEMENTS/SUBSTATIONS (RM-16) 6 RESILIENCY MEASURE

7

Q. What measures, as listed in 16 TAC § 25.62(c)(1), are addressed by Centerpoint
 Houston's Distribution Capacity Enhancements/Substations (RM-16) Resiliency
 Measure, and how does that program address them?

- A. Centerpoint Houston seeks to enable faster restoration during resiliency events by converting 12 kilovolt (kV) circuits to 35 kV circuits to address a mismatch of service voltages on different circuits within individual substations in Centerpoint Houston's service area. This will enable switching from one circuit to another, increase capacity of circuits, reduce the number of radial feeders, and reduce single transformer locations.⁵ In 16 TAC § 25.62(c)(1) the acceptable measures, relating to transmission and distribution 17 lines are listed as:
- 18 (A) hardening electric transmission and distribution facilities;
- 19 (B) modernizing electric transmission and distribution facilities;
- 20 (C) undergrounding certain electric distribution lines;
- In my opinion hardening, modernizing, and undergrounding does not cover upgrading lines and substations and expanding capacity. I am not disputing that upgrading lines and

⁵ Application Exhibit 1 at 152 (Bates 187).

expanding capacity might have operational benefits during a resiliency event, but I believe they are outside the measures listed in the resiliency rule. If Centerpoint Houston believes that there is a need to upgrade lines and expand the capacity of its distribution system, it can do so using other mechanisms. I recommend the Commission deny this resiliency measure.

6

Q. What is your review of Centerpoint Houston's Distribution Capacity
 Enhancements/Substations (RM-16) Resiliency Measure with regards to the
 considerations listed in 16 TAC § 25.62(d)(4)?

16 TAC § 25.62(d)(4)(C)(i)(II) states that the Commission will consider "the extent to Α. 10 11 which the plan will enhance resiliency of the electric utility's system, mitigate system restoration costs, reduce the frequency or duration of outages, or improve overall service 12 reliability for customers during and following a resiliency event[.]" In my opinion the 13 expansion of the distribution system, upgrading voltages and capacity of lines, can have 14 operational benefits during a resiliency event. However, resiliency measures are meant to 15 harden and modernize the existing transmission and distribution system. Expanding and 16 upgrading the system are beyond the scope. 17

18

19 VI. CONTAMINATION MITIGATION (RM 19) RESILIENCY MEASURE

20

Q. What measures, as listed in 16 TAC § 25.62(c)(1), are addressed by Centerpoint Houston's Contamination Mitigation (RM-19) Resiliency Measure, and how does that measure address them? A. This measure addresses measure (A) and (B): hardening electric transmission and distribution facilities and modernizing electric transmission and distribution facilities. Specifically, Centerpoint Houston wants to install sensors to detect when salt begins accumulating on the insulators that support distribution wires. This salt accumulation can compromise the insulation and cause outages and can cause wildfires. If these sensors can detect when salt accumulation occurs then the company can power wash the affected wires prior to the wires being impacted by salt accumulation.⁶

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10

9 Q. What is your review of Centerpoint Houston's Contamination Mitigation (RM-19)

Resiliency Measure with regards to the considerations listed in 16 TAC § 25.62(d)(4)?

11 Α. 16 TAC § 25.62(d)(4)(C)(i)(II) states that the Commission will consider "the extent to which the plan will enhance resiliency of the electric utility's system, mitigate system 12 restoration costs, reduce the frequency or duration of outages, or improve overall service 13 reliability for customers during and following a resiliency event[.]" In my opinion 14 implementing sensors and regular powerwashing to prevent outages caused by salt 15 accumulation would comply with this requirement. As for the expected benefits from its 16 implementation: Centerpoint Houston estimates that the implementation of this resiliency 17 measure would reduce customer minutes of interruption by 15.7 million.⁷ 18

- 19

20 Q. Does this conclude your testimony?

21 A. Yes

⁶ Application Exhibit 1 at 162 (Bates 197).

⁷ Direct Testimony of Deryl Tumlinson at ES-2 (Bates 601).

Attachment JP-1

Qualifications of John Poole

JOHN R. POOLE, P.E.

Texas Board of Professional Engineers, Texas P. E. License #133982

EDUCATION

B.A., History/Mathematics, Southwestern University, 2000

BSEE, The University of Texas Cockrell School of Engineering, 2014 Grade Point Average 3.32

Technical Cores: Energy Systems and Renewable Energy, Electronics and Integrated Circuits

Related Courses: Circuit Theory, Linear Systems & Signals, Embedded Systems, Software Design, Vector Calculus, Electronic Circuits, Power Systems, Discrete Mathematics, Solid-state Electronic Devices, Electromagnetic Engineering, Power Electronics Laboratory, Automatic Control, Fundamentals of Electronic Circuits, Engineering Design, Power Systems, Power Quality & Harmonics, Digital Logic Design, Analog Integrated Circuit Design

PROFESSIONAL EXPERIENCE

PUBLIC UTILITY COMMISSION OF TEXAS

Engineer

Responsible for analyzing and providing recommendations regarding issues related to electric facility planning, construction, operations, and maintenance.

UNIVERSITY OF TEXAS AT AUSTIN

Solar powered three-phase motor drive/Dr. Ross Baldick

Worked in a five-person team to design and implement a solar-powered motor system with a Maximum PowerPoint Tracker and a three-phase H-Bridge. Personal responsibility included project National Electrical Code (NEC) compliance.

UNIVERSITY OF TEXAS AT AUSTIN

Solar Vehicle Team (UTSVT)/Dr. Gary Hallock

Coordinated team of 5 for the design, lay-out, and wiring of solar array for the new UTSVT vehicle. Research and execution of solar cell lamination techniques.

UNIVERSITY OF TEXAS AT AUSTIN

Administrative Associate

Managed billing and collections for two departments independently. Provided timely and efficient customer service to University cell phone users. Worked as part of Returned Checks team in Student Accounts Receivable, managing high call volumes and communicating effectively with team.

9/14-12/14

2/15-Present

2/14-12/14

12/04-9/14

Attachment JP-2

List of Previous Testimony

Application of LCRA Transmission Services Corporation to Amend its Certificate of Convenience and Necessity for the Proposed Bhumenthal Substation and 138-kV Transmission Line in Blanco, Gillespie, and Kendall Counties, SOAH Docket No. 473-15-1589, PUC Docket No. 43599

Application of Brazos Electric Power Cooperative Inc. to Amend a Certificate of Convenience and Necessity for a 138-kV Transmission Line in Denton County, SOAH Docket No. 473-15-2855, PUC Docket No. 44060

Application of Entergy Texas, Inc. for Approval to Amend its Distribution Cost Recovery Factor, SOAH Docket No. 473-16-0076, PUC Docket No. 45083

Application of Southwestern Public Service Company for Authority to Change Rates, SOAH Docket No. 473-16-2520, PUC Docket No. 45524

Application of Southwestern Electric Power Company for Approval of a Distribution Cost Recovery Factor, SOAH Docket No. 473-16-3306, PUC Docket No. 45712

Application of LCRA Transmission Services Corporation to Amend a Certificate of Convenience and Necessity for the Round Rock-Leander 138-kV Transmission Line in Williamson County, SOAH Docket No. 473-16-4342, PUC Docket No. 45866

Joint Application of AEP Texas North Company and Electric Transmission Texas, LLC to Amend their Certificates of Convenience and Necessity for the AEP TNC Heartland to ETT Yellowjacket 138-kV Transmission Line in McCulloch and Menard Counties, SOAH Docket No. 473-17-0907, PUC Docket No. 46234

Application of Oncor Electric Delivery Company, LLC to Amend a Certificate of Convenience and Necessity for a 345/138-kV Transmission Line in Loving, Reeves, and Ward Counties, SOAH Docket No. 473-18-0373, PUC Docket No. 47368

Application of Rayburn Country Electric Cooperative, Inc. to Amend its Certificate of Convenience and Necessity for a 138-kV Transmission Line in Fannin County, Texas, SOAH Docket No. 473-18-0582, PUC Docket No. 47448

Application for the City of Lubbock Through Lubbock Power and Light for Authority to Connect a Portion of its System with The Electric Reliability Council of Texas, PUC Docket No. 47576

Application of Rayburn Country Electric Cooperative, Inc. to Amend a Certificate of Convenience and Necessity for the Lower Bois d'Arc Water Treatment Line Project in Famin and Hunt Counties, Texas, SOAH Docket No. 473-18-2500, PUC Docket No. 47884

Application of Electric Transmission Texas, LLC to Amend Certificates of Convenience and Necessity for the Stewart Road 345-kV Transmission Line in Hidalgo County, SOAH Docket No. 473-18-3045, PUC Docket No. 47973

Application of Oncor Electric Delivery Company, LLC to Amend a Certificate of Convenience and Necessity for a 345-kV Transmission Line in Crane, Ector, Loving, Reeves, Ward, and Winkler Counties, Texas, SOAH Docket No. 473-18-2800, PUC Docket No. 48095

Joint Application of Rayburn Country Electric Cooperative and Lone Star Transmission LLC to Transfer Load to ERCOT, and For Sale of Transmission Facilities and Transfer of Certification Rights in Henderson and Van Zandt Counties, Texas, PUC Docket No. 48400

Application of South Texas Electric Cooperative, Inc. to Amend its Certificate of Convenience and Necessity for the Proposed Palmas to East Rio Hondo 138-kV Transmission Line in Cameron County, Texas, PUC Docket No. 48490

Application of CenterPoint Energy Houston Electric, LLC to Amend a Certificate of Convenience and Necesity for a 345-kV Transmission Line in Brazoria, Matagorda, and Wharton Counties, SOAH Docket No. 473-19-1857, PUC Docket No. 48629

Joint Application of Sharyland Utilities, LP and City of Lubbock, Acting by and Through Lubbock Power & Light, for a Certificate of Convenience and Necessity for the Proposed Wadsworth to New Oliver to Farmland 345-kV Transmission Line in Lubbock and Lynn Counties and the Proposed Southeast to New Oliver to Oliver 115-kV Transmission Line in Lubbock County, SOAH Docket No. 473-19-2405, PUC Docket No. 48909

Application of AEP Texas Inc. to Amend its Certificate of Convenience and Necessity for the Three Rivers to Borghum to Tuleta 138-kV Transmission Line in Live Oak and Bee Counties, SOAH Docket No. 473-19-5729, PUC Docket No. 49347

Application of AEP Texas Inc. for Authority to Change Rates, SOAH Docket No. 473-19-4421, PUC Docket No. 49494

Application of LCRA Transmission Services Corporation to Amend its Certificate of Convenience and Necessity for the Proposed Mountain Home 138-kV Transmission Line Projects in Gillespie, Kerr, and Kimble Counties, Texas, SOAH Docket No, 473-19-6766, PUC Docket No. 49523

Application of Southwestern Public Service Company for Authority to Change Rates, SOAH Docket No. 473-19-6677, PUC Docket No. 49831

Complaint of Terry and Sara Faubion against Texas-New Mexico Power Company, SOAH Docket No. 473-20-1773, PUC Docket No. 50095

Complaint of Jaime Leonardo Sloss against AEP Texas Inc., SOAH Docket No. 473-20-3116, PUC Docket No. 50284 Application of Rayburn Country Elecric, Inc. to Amend its Certificate of Convenience and Necessity for the New Hope 138-kV Transmission Line in Collin County, SOAH Docket No. 473-20-4592, PUC Docket No. 50812

Application of the City of San Antonio, Acting by and Through The City Public Service Board (CPS Energy) to Amend its Certificate of Convenience and Necessity for the Proposed Scenic Loop 138-kV Transmission Line in Bexar County, SOAH Docket No. 473-21-0247, PUC Docket 51023

Application of the City of Lubbock, Acting By and Through Lubbock Power & Light, to Establish Initial Wholesale Transmission Rates and Tariffs, SOAH Docket No. 473-21-0043, PUC Docket No. 51100

Application of Southwestern Electric Power Company for Authority to Change Rates, SOAH Docket No. 473-21-0538, PUC Docket 51415

Application of El Paso Electric Company to Amend its Certificate of Convenience and Necessity for the Pine-to-Seabeck 115-kV Transmission Line in El Paso County, SOAH Docket No. 473-21-1200, PUC Docket 51476

Application of El Paso Electric Company to Amend its Certificate of Convenience and Necessity for the Seabeck-to-San Felipe 115-kV Transmission Line in El Paso County, SOAH Docket No. 473-21-1201, PUC Docket 51480

Application of Sharyland Utilities, L.L.C. for Authority to Change Rates, SOAH Docket No. 473-21-1535, PUC Docket No. 51611

Application of AEP Texas Inc. to Amend its Certificate of Convenience and Necessity for the Angstrom-to-Grissom Double-Circuit 345-kV Transmission Line in Bee, Refugio, and San Patricio Counties, SOAH Docket No. 473-21-2084, PUC Docket 51912

Application of El Paso Electric Company for Advanced Metering System (AMS) Deployment Plan, AMS Surcharge, and Non-Standard Metering Service Fees, SOAH Docket No. 473-21-2607, PUC Docket 52040

Application of Entergy Texas, Inc. to Amend its Certificate of Convenience and Necessity for the Millbend 138-kV Transmission Line Project in Montgomery County, SOAH Docket No. 473-22-0126, PUC Docket 52241

Application of Entergy Texas, Inc. to Amend its Certificate of Convenience and Necessity for the Castle 230-kV Transmission Line Project in Montgomery and Grimes Counties, SOAH Docket No. 473-22-0127, PUC Docket 52304

Application of Oncor Electric Delivery LLC to Amend its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, SOAH Docket No. 473-22-0768, PUC Docket 52455

Application of Southwestern Public Service Company to Amend its Certificate of Convenience and Necessity to Convert Harrington Generating Station from Coal to Natural Gas, SOAH Docket No. 473-22-1073, PUC Docket 52485

Application of AEP Texas, Inc. to Amend its Certificate of Convenience and Necessity for the Angstrom to Naismith Double-Circuit 345-kV Transmission Line in San Patricio County, SOAH Docket No. 473-22-0493, PUC Docket 52656

Application of Oncor Electric Delivery Company, LLC to Amend its Certificate of Convenience and Necessity for the Proposed Ivy League 138-Kilovolt Transmission Line Project in Collin County, SOAH Docket No. 473-22-2156, PUC Docket 53053

Application of Oncor Electric Delivery Company, LLC to Amend its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, SOAH Docket No. 473-22-0768, PUC Docket 52455

Application of AEP Texas, Inc. to Amend its Certificate of Convenience and Necessity for the Goodlett-to-Quanah 138-kV Transmission Line in Hardeman County, SOAH Docket No. 473-22-2155, PUC Docket 52921

Application of Oncor Electric Delivery Company LLC for Authority to Change Rates, SOAH Docket No. 473-22-2695, PUC Docket 53601

Application of Southwestern Electric Power Company for Approval to Amend its Transmission Cost Recovery Factor, SOAH Docket No. 473-23-04811, PUC Docket 54040

Joint Application of AEP Texas Inc. and Electric Transmission Texas, LLC to Amend their Certificates of Convenience and Necessity for the Del Sol-To-Frontera 345-kV Transmission Line Project in Starr and Hidalgo Counties, SOAH Docket No. 473-23-20831, PUC Docket 55001

Application of Oncor Electric Delivery LLC to Amend its Certificate of Convenience and Necessity for the Ramhorn Hill-Dunham 345-kV Transmission Line in Denton and Wise Counties, SOAH Docket No. 473-23-21216, PUC Docket 55067

Joint Application of LCRA Transmission Services Corporation and Oncor Electric Delivery Company LLC to Amend their Certificates of Convenience and Necessity for the North McCamey to Sand Lake 345-kV Transmission Line in Crane, Crockett, Pecos, Reeves, Upton, and Ward Counties, SOAH Docket No. 473-23-22133, PUC Docket 55121

Application of Centerpoint Energy Houston Electric, LLC to Amend its Certificate of Concenience and Necessity for a 138-kV Transmission Line in Chambers County, SOAH Docket 473-23-26934, PUC Docket 55365

Application of Oncor Electric Delivery LLC to Amend its Certificate of Convenience and Necessity for the Exchange Switch-Keller Magnolia Substation 138-kV Transmission Line in Tarrant County, SOAH Docket 473-24-02657, PUC Docket 55574

Application of AEP Texas Inc. to Amend its Certificate of Convenience and Necessity for the Las Milpas-to-Stewart Road 138-kV Cut-In to Lion Substation Double-Circuit Transmission Line in Hildalgo County, SOAH Docket 473-24-06566, PUC Docket 54955

Application of LCRA Transmission Services Corporation for Authority to Change Rates, SOAH Docket 473-24-09296, PUC Docket 55867

Application of Centerpoint Energy Houston Electric, LLC for Authority to Change Rates, SOAH Docket 473-24-13232, PUC Docket 56211

Application of Oncor Electric Delivery Company LLC for Approval of a System Resiliency Plan, SOAH Docket 473-24-18029, PUC Docket 56545

Application of Entergy Texas, Inc. for Approval of a System Resiliency Plan, SOAH 473-24-20657, PUC Docket 56735

Complaint of Doug and Linda Crosson, Bo and Trish Lebo, and Bruce and Ann Ahlhorn against Pedernales Electric Cooperative, Inc., SOAH 473-24-17515, PUC Docket 50065

Application of the City of San Antonio, Acting by and Through the City Public Service Board (CPS Energy) and South Texas Electric Cooperative, Inc. (STEC) to Amend their Certificates of Convenience and Necessity for the Proposed Howard Road-to-San Miguel 345-kV Transmission Line in Bexar and Atascosa Counties, SOAH 473-25-02531, PUC Docket 57115