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July 14, 2026

Via Federal Express

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

LA PUBLIC SERVICE COMM
JUL 15 2026 AM 10:51

In re: Application of Southwestern Electric Power Company for Approval for the Resilient 345 KV Transmission Project, in Accordance with the Commission's General Order Dated September 10, 2024.

Dear Kris:

Attached for filing on behalf of Southwestern Electric Power Company (SWEPCO), in the above referenced docket is the Application and Direct Testimony of Christopher Martel, Nathan Koch and Bradley Phillips including the respective public and confidential exhibits for each. The confidential Exhibits are to be filed confidentially under seal in accordance with Commission Rules of Practice and Procedure, including Rule 12.1, et seq. Requisite copies are included for filing.

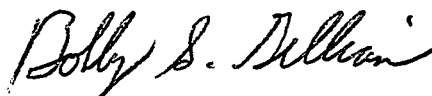
Please indicate the filing by stamping the attached copy of this letter with your file mark and return it to us in the self-addressed stamped envelope provided.

As always, we appreciate your continued assistance and cooperation.

With best regards, I am

Yours very truly,

WILKINSON, CARMODY & GILLIAM

By: 
Bobby S. Gilliam
Jonathan P. McCartney

JPM/mml
Attachment

ROUTE TO	ROUTE FROM
DEPT. 	DATE _____ DEPT. _____
DEPT. _____	DATE _____ DEPT. _____

BEFORE THE

LA PUBLIC SERVICE COMM
JUL 15 2025 AM 10:51

LOUISIANA PUBLIC SERVICE COMMISSION

APPLICATION OF SOUTHWESTERN
ELECTRIC POWER COMPANY FOR
APPROVAL FOR THE RESILIENT 345
KV TRANSMISSION PROJECT, IN
ACCORDANCE WITH THE
COMMISSION'S GENERAL ORDER
DATED SEPTEMBER 10, 2024

DOCKET NO.: _____

APPLICATION OF SOUTHWESTERN ELECTRIC POWER COMPANY FOR
APPROVAL FOR THE RESILIENT 345KV TRANSMISSION PROJECT

MAY IT PLEASE THE HONORABLE COMMISSION:

Southwestern Electric Power Company ("SWEPCO" or "Applicant") files this Application, in accordance with the Louisiana Public Service Commission's ("Commission") General Order dated September 10, 2024, for certification that the public convenience and necessity will be served through the authorization for siting and construction of a new 345kV double-circuit transmission project referred to as the "Resilient Tech" or "Reyes" or "Resilient Park" 345kV Transmission Project ("Project" or "Transmission Project"), as further described herein. This Application is being filed pursuant to the September 10, 2024 General Order in Docket No. R-36199, *In Re: Review and Possible Modification of the Commission's General Order Governing Transmission Certification and General Siting* ("Transmission Siting General Order").

By this Application, the Applicant seeks Commission approval, in the form of a Certificate of Public Convenience and Necessity ("CCN"), for the siting, construction, and operation of certain electrical transmission facilities comprising the Resilient 345kV Transmission Project, to be located in Caddo Parish, Louisiana, west of Shreveport, with the facilities to be owned by

SWEPSCO, in accordance with the Transmission Siting General Order. Applicant further requests that the Commission consider this Application by April 1, 2027.

I. APPLICANT

1.

SWEPSCO is an operating company and subsidiary of American Electric Power Company, Inc. ("AEP"), which is an investor-owned electric public utility holding company with subsidiaries serving over 5 million retail customers in eleven states. SWEPSCO is an electric public utility that serves customers throughout central, western, and northwestern Louisiana, as well as Texas and Arkansas, and its corporate headquarters are located at 428 Travis Street, Shreveport, Louisiana 71101.

II. DESCRIPTION OF THE PROJECT

2.

The Resilient 345kV Transmission Project is located in Caddo Parish, Louisiana, west of Shreveport, and will interconnect with SWEPSCO's existing Longwood to Southwest Shreveport 345kV transmission line. The Project will include construction of a new approximately 5.8-mile 345kV double-circuit in-and-out transmission loop to a newly constructed switching station referred to as the Reyes Switching Station. The Reyes Switching Station will contain a 345kV four-breaker ring bus. The proposed location of the Project is shown on the map and single-line drawing contained within Direct Exhibit NMK-1, with supporting details discussed further in the testimony filed contemporaneously herewith.

3.

The Reyes Switching Station will be constructed on SWEPCO-owned property located within the customer's property and will serve as the interconnection site for the facilities ultimately serving the customer. The Project's in-and-out design will allow the existing Longwood to Southwest Shreveport 345kV transmission line to be segmented at the new switching station, thereby improving reliability by allowing operators to isolate faults on one side of the switching station while maintaining service from the other side where system conditions permit. In support of this Application, SWEPCO submits the Direct Testimony of Christopher N. Martel, Director of Regulatory Services; Nathan M. Koch, Project Manager Staff Senior; and Brad Phillips, Director of Water and Natural Resources at Alliance Technical Group (ATG);. As set forth in the supporting testimony and exhibits attached thereto, the Resilient 345kV Transmission Project maps, drawings, estimated timeline, right-of-way information, analyses, and cost information satisfy the requirements set forth in the Commission's Transmission Siting General Order.

III. NEED FOR THE PROJECT

4.

The Project serves two complementary purposes. First, the Project enhances the reliability and operational flexibility of the existing Longwood to Southwest Shreveport 345kV transmission corridor by introducing switching and segmentation capability at the new Reyes 345kV Switching Station. Because the Project's in-and-out design segments the existing line at the new switching station, operators will be able to isolate faults on one side of the switching station while maintaining service from the other side, thereby providing increased grid stability in the Caddo Parish area.

5.

Second, the Project will allow SWEPCO to meet its obligation to serve a new large-load customer that has purchased property in Caddo Parish and plans to construct facilities in the area requiring transmission-level electric service. Connection of this new customer load is expected to support significant economic development in northwest Louisiana. The customer's load profile and related system details are set forth in Confidential Direct Exhibit CNM-1 (Delivery Point Network Study), sponsored by Christopher N. Martel. Consistent with Southwest Power Pool ("SPP") requirements, the Project was submitted to SPP for evaluation, and the SPP Delivery Point Network Study and related SPP planning studies supporting development of the Project are discussed in the Direct Testimony of Mr. Martel.

IV. COMPLIANCE WITH SECTION V OF THE TRANSMISSION SITING GENERAL ORDER

6.

This Application, together with the Direct Testimony and Exhibits filed contemporaneously herewith, complies with the thirteen requirements set forth in Section V of the Transmission Siting General Order, as follows:

1. V(a) — Applicant Identification. The name, business address, and electronic contact information for SWEPCO and the undersigned counsel are set forth in the caption, at Paragraph 1 of this Application, and in the signature block. There are no other transmission-participating entities.

2. V(b) — General Description of the Transmission Facility. The Project is described at Paragraphs 2 and 3 above and in greater detail in the Direct Testimony of Christopher N. Martel, the Direct Testimony of Nathan M. Koch, and Direct Exhibit NMK-2.

3. V(c) — Supporting Testimony and Cost/Benefit Analysis. The Project's reliability and economic-development benefits to SWEPCO's Louisiana customers are addressed in the Direct Testimony of Christopher N. Martel and the Direct Testimony of Nathan M. Koch. The SPP Delivery Point Network Study evaluating the Project is filed as Confidential Direct Exhibit CNM-1, sponsored by Mr. Martel. An analysis of alternative routes is provided in the Direct Testimony of Brad Phillips and in the supporting Siting Assessment. The projected revenues associated with serving the new large load customer are set forth in Confidential Direct Exhibit CNM-3 (Project Resilient Forecasted Revenue). In addition, as discussed in the Direct Testimony of Mr. Martel, SWEPCO estimates, based on current cost allocation structures within SPP, that the Project and the related suite of projects have the potential to produce substantial economic net benefits to the region over the next four years, as set forth in Highly Sensitive Protected Material Direct Exhibit CNM-4 (Economic Net Benefits Analysis), each sponsored by Mr. Martel.

4. V(d) — NIETC Status. The Project is not located within a National Interest Electric Transmission Corridor designated by the U.S. Department of Energy under Section 216 of the Federal Power Act.

5. V(e) — Federal Back-Stop Siting Proceeding. There is no federal proceeding or pre-filing process pending under Section 216 of the Federal Power Act, or any successor statute, related to back-stop siting of the Project, and no federal deadlines apply.

6. V(f) — Generalized Corridor. The Project's proposed siting, in the form of a generalized substation-to-substation corridor, is shown in Confidential Direct Exhibit BJP-1 and described in detail in the Siting Assessment and the Direct Testimony of Brad Phillips. The corridor connects an in-line tap point on the existing Longwood to Southwest Shreveport 345kV transmission line to the new Reyes 345kV Switching Station, located on SWEPCO-controlled

property within the customer's property in Caddo Parish, Louisiana. SWEPCO carefully considered routing options and obtained a Siting Assessment from Alliance Technical Group, which evaluated rights-of-way, land use, and environmental considerations in connection with the Project and supported selection of the proposed route. A copy of the Siting Assessment is attached in support of the Application as discussed by Mr. Phillips.

7. V(g) — Anticipated Sources of Funding. The Project will be funded by SWEPCO through its ordinary capital expenditure program, including internal cash flows and AEP system financing. Capital recovery is anticipated to occur through the SPP Open Access Transmission Tariff for networked transmission facilities pursuant to Schedules 9 and 11, with the SWEPCO Louisiana retail-jurisdictional share recovered through SWEPCO's Formula Rate Plan, or any successor cost-recovery mechanism. No federal grant, DOE funding, or IIJA-derived funding is anticipated. Cost recovery is further addressed in the Direct Testimony of Mr. Martel.

8. V(h) — Itemized Cost Estimate. An itemized estimate of the Project's cost, including transmission line, switching station, station property, customer metering, telecom/fiber, right-of-way acquisition, and other associated project costs, is set forth in Confidential Direct Exhibit NMK-3 (Project Budget Summary), sponsored by Mr. Koch and discussed in his Direct Testimony.

9. V(i) — Effects on Costs to Ratepayers. An analysis of the estimated rate effects of the Project on SWEPCO Louisiana customers is set forth in Confidential Direct Exhibit CNM-2 (Customer Bill Impact Summary) and discussed in the Direct Testimony of Mr. Martel. The anticipated impact reflects the operation of the SPP Open Access Transmission Tariff cost-allocation mechanism, under which the costs of networked transmission facilities are allocated among SPP transmission owners and ultimately recovered through their respective customer bases.

10. V(j) — Single-Line Drawing. A single-line drawing of the Project's proposed grid enhancements and station layout is provided as Direct Exhibit NMK-1, sponsored by Mr. Koch.

11. V(k) — Estimated Timeline with Milestones. An estimated timeline for completion of the Project, including key milestones for engineering and material procurement, construction commencement, and the targeted in-service date, is provided as Table NMK-1 and is further discussed in the Direct Testimony of Mr. Martel and the Direct Testimony of Mr. Koch. Engineering and material procurement commenced March 1, 2026; right-of-way procurement is scheduled to begin April 2, 2027; transmission line construction is scheduled to begin September 8, 2027; and the Project is targeted to be in service and energized by March 30, 2028, consistent with the customer's requested electric service delivery timeline.

12. V(l) — Right-of-Way Acquisition. The Project requires the acquisition of new 150-foot-wide transmission easements for the approximately 5.8-mile 345kV double-circuit in-and-out transmission line extension. The right-of-way information is further addressed in the Direct Testimony of Mr. Koch and is discussed from a land-use and environmental-impact perspective in the Siting Assessment and the Direct Testimony of Mr. Phillips. SWEPCO's right-of-way team initiated landowner contact during the route-identification phase and has engaged in preliminary discussions regarding easement acquisition.

13. V(m) — Supplementation. SWEPCO will respond within the ten-business-day timeframe established by Section V(m) of the Transmission Siting General Order to any request from the Commission or Commission Staff to supplement this Application.

V. NOTICE

7.

SWEPCO respectfully requests that all notices, pleadings, correspondence, and other communications regarding this proceeding be directed to the undersigned counsel of record, with copies to SWEPCO's in-house regulatory counsel, as follows:

Etheldreda C. Smith
Senior Counsel Regulatory
Southwestern Electric Power Company
428 Travis Street
Shreveport, Louisiana 71101

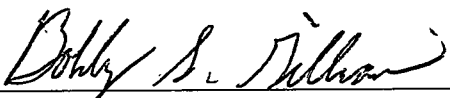
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Jonathan P. McCartney
Wilkinson, Carmody & Gilliam
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Post Office Box 1707
Shreveport, Louisiana 71166
Telephone: (318) 221-4196

8.

WHEREFORE, SWEPCO respectfully requests that the Commission consider this Application and certify that the public convenience and necessity will be served through the construction of the Resilient 345kV Transmission Project by Applicant, and further, that the Commission find that SWEPCO has complied with the applicable requirements of the Transmission Siting General Order.

Respectfully submitted,

WILKINSON, CARMODY & GILLIAM

By: 

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