BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Ameren Missouri's 2023 Utility Resource Filing pursuant to 20 CSR 4240 – Chapter 22.

File No. EO-2024-0020

NOTICE OF INTENTION TO SUBMIT NOTICE AND SUPPORTING MATERIALS UNDER 20 CSR 4240-22.080(12)

Union Electric Company d/b/a Ameren Missouri is providing the above-referenced notice, as

)

follows:

1. On September 26, 2023, Ameren Missouri filed its triennial 2023 Integrated

Resource Plan ("2023 IRP") with the Missouri Public Service Commission ("Commission") in

File No. EO-2024-0020 in accordance with 20 CSR 4240-22.080(2).

2. On February 11, 2025, Ameren Missouri's Board of Directors determined that the

preferred resource plan ("PRP") set forth in its 2023 IRP was no longer appropriate and formally

adopted a new PRP.

- 3. The primary reasons for the change in Ameren Missouri's PRP are as follows:
 - a. Ameren Missouri expects significant growth in customer demand driven by the development of new data centers in its service territory, with additional demand of 1.5 GW by 2032 and 2.5 GW by 2040.
 - b. Ameren Missouri has also revised its plans for customer energy efficiency and demand response programs under the provisions of the Missouri Energy Efficiency Investment Act ("MEEIA") to reflect the plan represented in the non-unanimous stipulation and agreement approved by the Commission in File No. EO-2023-0136.
- 4. Ameren Missouri's newly adopted PRP is summarized in the figure below.

Ë,	+800 MW Gas Simple Cycle	+800 MW Gas Simple	Cycle	+600 MW Gas Simple Cyc	te +600 MW Gas Simple Cycle
GV CENTER DITIONS	*	i i	+2,100 MW Gas Combined Cycle	+1,200 MW Gas Combined Cycle	+1,500 MW Nuclear
28		+1,000 MW	+400 MW	+400 MW	Total 1,800 MW
ENERG		+1,000 MW	+1,000 MW	Total 2,000 MW Wind	Battery Storage
-	+500 MW	+1,700 MW	+500 MW Total 2,700 MW Solar		
	2024 2025 2026 20	27 2028 2029 2030	2031 2032 2033 2034 2035	2036 2037 2038 2039 2040	2041 2042 2043 2044 2045
ENERGY CENTER RETIREMENTS		Venice CTG	Laba	adie (2 units) 1,186 MW	Labadie (2 units) 1,186 MW
ENERG	Rush Island 1,178 MW		Sioux 972 MW	Other Illinois CTGs 1,268 MW	Callaway
60% CARBON EMISSIONS REDUCTION		85% CARBON EMISSIONS REDUCTION		NET-ZERO CARBON EMISSIONS	

NOTE: Reductions are presented as of the end of the period indicated and based off 2005 levels. Wind and solar additions, energy center retirements by end of indicated year.

5. Ameren Missouri intends to file its formal notification of change in PRP in accordance with 20 CSR 4240-22.080(12) no later than sixty days from the date of its decision to adopt its new PRP.

6. Ameren Missouri's formal notification will include analysis and discussion of alternate data center load scenarios, including a high scenario that reflects 2 GW of data center load additions by 2032 and 3.5 GW by 2040 and a low scenario that reflects 500 MW by 2032.

7. Ameren Missouri's formal notification of change in PRP will also include certain analyses pursuant to a Joint Filing filed with the Commission in this docket on June 11, 2024.

Respectfully submitted,

/s/ Wendy Tatro

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the foregoing was served upon the parties listed on the official service list by e-mail on this 13th day of February, 2025.

<u>/s/ Wendy K. Tatro</u> Wendy K. Tatro