

Ameren Missouri's  
Response to MPSC Data Request - MPSC  
ER-2021-0240

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust Its Revenues  
for Electric Service

No.: MPSC 0102.7

(1) Please provide a narrative explanation of typical installation cases for line transformers. (2) What percentage or count of LPS customers share a line transformer with other customers? (3) What percentage or count of SGS customers share a line transformer with other customers? (4) What percentage or count of Residential customers share a line transformer with other customers? (5) What percent of three phase transformers serve customers who take single phase power? For example, will a three phase transformer be placed in an instance where three single phase customers each receive a phase? (6) How do transformers work for lighting customers? (7) What percent or count of LPS customers are served by a secondary circuit? (8) What percent or count of SGS customers are served by a secondary circuit? (9) What percent or count of Residential customers are served by a secondary circuit? (10) Where are transformers recorded for secondary customers who are served by a secondary circuit that operates at a higher voltage than that at which they take service? Give an example of (or list all of) the retirement unit names associated with this situation. (11) Where are transformers recorded for primary customers who are served by a primary circuit that operates at a higher voltage than that at which they take service? Give an example of (or list all of) the retirement unit names associated with this situation. Sarah Lange (sarah.lange@psc.mo.gov)

**RESPONSE**

**Prepared By: Tom Hickman**  
**Title: Regulatory Rate Specialist**  
**Date: 07/30/2021**

1. Ameren Missouri installs line transformers to convert the primary voltage of the system to secondary voltage required by the customer to provide the customer power. The customer's preference for service characteristics such as single phase or 3 phase, service voltage, overhead or underground, and the distance between similar customers are factors that influence line transformer, type, capacity, and location. Due to the number of variables influencing line transformer use, there is not a typical installation case.
2. 0%
3. 45%
4. 25%

5. This is not a scenario that would exist on our system.
6. Transformers work the same for all customers. They transform the voltage from a higher voltage to a lower voltage.
7. We do not have secondary circuits.
8. We do not have secondary circuits
9. We do not have secondary circuits
10. We do not have secondary circuits.
11. There would not be a case where a primary service customer is served by a circuit that is a higher voltage than they take service at.

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No.: MPSC 0104.9

Refer to company's response to DR 104.5. Please confirm whether the company operates any circuits below 2.4 kV. If the company does operate circuits below 2.24 kV please provide a list of such circuits and identify the voltage at which it operates, the length of each circuit underground and length of each circuit overhead. Please identify the number of customers served on each such circuit. Please identify the accounts to which assets associated with these circuits are recorded. Please provide any information available that quantifies the value of assets associated with these circuits. Data Request submitted by Sarah Lange (sarah.lange@psc.mo.gov).

**RESPONSE**

**Prepared By: Tom Hickman**  
**Title: Regulatory Rate Specialist**  
**Date: 07/29/2021**

The company does not operate circuits below 2.4 kV. The company does have overhead and underground conductor below 2.4 kV, but it is not identified as a circuit or feeder by a specific circuit or feeder number.

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No.: MPSC 0591.2

Please provide the continuing property record in the format provided in response to 591 for all accounts for data through June 30, 2021. If data is not currently available through June 20, 2021, please state the date at which such data will be available, provide the most recent data that is available, and identify the ending date of the data provided. Data Request submitted by Sarah Lange (sarah.lange@psc.mo.gov).

**RESPONSE**

**Prepared By: Andy Wichmann**  
**Title: Supervisor Plant Accounting**  
**Date: 08/05/2021**

Please see the attached file for the requested information through June 30, 2021.

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In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust Its Revenues  
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No.: MPSC 0619.1

For each line extension identified in DRs 618 or 619, by extension, please provide a list of (1) all plant installed, preferably by account and preferably by retirement unit, (2) all plant retired, preferably by account and preferably by retirement unit, and (3) the labor or other costs or expenses associated with each, at the highest level of detail available. DR requested by Sarah Lange (Sarah.Lange@psc.mo.gov).

**RESPONSE**

**Prepared By: Michael Harding**  
**Title: Manager, Rates & Analysis**  
**Date: 8-11-21**

Plant accounting data for projects identified as new commercial non-residential line extensions has been provided on the attached file "MPSC 0619.1\_LineExtensionplantdata1". Plant accounting detail for all projects is on the *CR Selected Detail Data* tab. Pivot tables have also been created on multiple tabs to help display the Plant, Expenses and Labor for each account and job.

21MT734692	21MT755624
21MT735687	21MT756203
21MT736726	21MT756898
21MT736745	21MT757803
21MT737943	21MT758152
21MT739075	21MT760889
21MT739419	21MT771594
21MT740417	2TSE127301
21MT743529	2TSE127302
21MT743542	2TSE129115
21MT743772	21MT752669
21MT744868	21MT753100

21MT750130	21MT751015
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## Missouri Public Service Commission

### Data Request

<b>Data Request No.</b>	0699
<b>Company Name</b>	Union Electric Company-Investor(Electric)
<b>Case/Tracking No.</b>	ER-2021-0240
<b>Date Requested</b>	7/16/2021
<b>Issue</b>	General Information & Miscellaneous - Other General Info & Misc.
<b>Requested From</b>	Geri Best
<b>Requested By</b>	Jeff Keevil
<b>Brief Description</b>	WIRE,AERIAL,CABLE-MESSENGER(Shield) retirements
<b>Description</b>	Please describe any retirement or replacement programs impacting the number and value of WIRE,AERIAL,CABLE-MESSENGER(Shield) retirement units. If this plant is being replaced, please identify the retirement unit under which its replacement is being recorded. Data Request submitted by Sarah Lange (sarah.lange@psc.mo.gov).
<b>Due Date</b>	8/5/2021
<b>Security Rationale</b>	Public NA