

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Staff's Investigation of Matters)
Concerning the Rush Island Energy Center) File No. EO-2022-0215
Belonging to Union Electric Company d/b/a)
Ameren Missouri.)

AMEREN MISSOURI MONTHLY REPORT

COMES NOW Union Electric Company, d/b/a Ameren Missouri ("Ameren Missouri" or the "Company") and provides its monthly report on the Rush Island Energy Center ("Rush Island"), below.

1. On February 15, 2022, the Missouri Public Service Commission ("MPSC") issued an order in this docket requiring Ameren Missouri to file monthly reports on the status of the proceedings at the federal court as well as the status of its planning for the retirement of Rush Island. These reports are due on the 15th of each month.

United States District Court for the Eastern District of Missouri Update

2. On September 30, 2023, the District Court entered its order establishing a retirement date for the Rush Island Energy Center of October 15, 2024. The parties have reached a proposed settlement that will resolve all remaining legal issues and, on November 13, 2024, the Department of Justice published a summary of a Proposed Stipulation in the Federal Register. After the close of the public comment period on December 13, 2024, the parties will request that the District Court adopt the Proposed Stipulation and issue a Final Judgment and Order terminating the litigation.

**Proceedings at Federal Energy Regulatory Commission
and at the Midcontinent Independent System Operator**

3. Ameren Missouri does not anticipate further action at either FERC or MISO related to the operation of Rush Island.

4. The Rush Island units are no longer operating.

Rush Island Energy Center Retirement Planning Update

5. **Transmission Planning** – As previously reported, the projects that must be completed as part of the Rush Island retirement are as follows:

- Replacement of an existing transformer with a larger transformer at Ameren Missouri's Wildwood substation,
- Installation of a capacitor bank at Ameren Missouri's Overton Substation,
- Upgrade of the substation bus at Rush Island's switchyard, and
- Installation of four Static Compensators (STATCOM) in and around the St. Louis region.

6. Also as reported previously, there are certain other projects to be completed to meet Ameren Missouri's local transmission planning criteria with the retirement of Rush Island, but the Rush Island retirement will be independent of these projects going into service:

- Reconductoring 50 miles of conductor on the 345 kV Coffeen to Roxford transmission line,
- Retap of the current transformers as well as installation of new metering equipment at the 138kV Hannibal West substation,
- Raising two structures on the 138kV Neoga-Effingham Northwest transmission line and installing new shunts on the entire line, and
- Constructing a new 138kV transmission line from Beehive to Dupo Ferry and expanding the capacity of the existing Ameren Illinois Dupo Ferry and Beehive substations to accommodate the new line.

7. Progress on the required projects (listed in paragraph 5 above) is described below.

- Installation of a larger transformer at Ameren Missouri's Wildwood substation is now complete.
- Installation of a capacitor bank at Ameren Missouri's Overton Substation was completed in March 2024.
- Upgrade bus conductor at Rush Island switchyard – this project was completed in December 2023.
- Installation of four STATCOMS in and around the St. Louis region – two STATCOMs are complete and the third is planned to be completed before the end of December of 2024. The final STATCOM is planned to be in-

service by June of 2025. Design is complete. Civil and electrical contractors have been selected. Construction began in April 2024. Ameren Missouri has secured accelerated STATCOM procurement, but the actual construction and delivery of the STATCOM devices is performed by Ameren Missouri's vendors.

- The required projects have all been approved by MISO. Ameren Missouri asked for some additional projects to be approved under MISO's expedited project review process in 2023. These additional projects were approved and were incorporated into MTEP23 in December 2023.

8. **Operational Planning** – Since Rush Island ceased operation, Ameren Missouri has started its safe closure work, which is required to ready the site for decommissioning. Some of the major activities started are as follows:

- The Rush Island facility was officially disconnected from the grid by removing jumpers in the switchyard to provide hard separation.
- All hydrogen has been purged from plant generators and storage tanks.
- Draining of oil from plant equipment was started.
- Explosive cleaning of boilers and precipitators was completed to remove CCR material.
- Plant washdowns to remove CCR material was started including boilers, silos, etc.
- Started removal of all hazardous wastes (Antifreeze, feedwater chemicals, etc.)
- Installation of temporary power to critical areas such as stack & river lighting, sumps pumps, etc. is in progress.
- Asbestos survey of the plant continues.
- All equipment is being de-energized and Worker Protection Assurance devices installed

9. In addition, the transfer of storeroom material to other locations is ongoing and will likely continue through the end of the year. The transfer of pre-determined usable assets to other locations has started as well.

10. Twenty-eight employees remain working at Rush Island, performing the safe closure work. That number will continue to step down over time. Of the rest of the employees, some chose to retire. The remaining Rush Island employees have been transferred to other positions within the Company.

WHEREFORE, Ameren Missouri requests the Missouri Public Service Commission accept this filing as compliant with the order to file monthly status reports.

Respectfully submitted,

/s/ **Wendy Tatro**

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that the foregoing was served on the Missouri Public Service Commission Staff and the Office of the Public Counsel via electronic mail (e-mail) on this 13th day of December, 2024.

/s/ Wendy Tatro
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