Exhibit No.:	
Issue(s):	Quinn Switching Station for Millcreek BESS Project
Witness:	Harman Ormani
Type of Exhibit:	Direct Testimony
Sponsoring Party:	Union Electric Company
File No.:	EA-2026-0183
Date Testimony Prepared:	May 22, 2026

MISSOURI PUBLIC SERVICE COMMISSION

File No. EA-2026-0183

DIRECT TESTIMONY

OF

Harman Ormani

ON

BEHALF OF

UNION ELECTRIC COMPANY

d/b/a Ameren Missouri

St. Louis, Missouri
May, 2026

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DIRECT TESTIMONY

OF

HARMAN ORMANI

FILE NO. EA-2026-0183

I. INTRODUCTION AND PURPOSE OF TESTIMONY

Q. Please state your name and business address.

A. My name is Harman Ormani. My business address is One Ameren Plaza, 1901 Chouteau Avenue, St. Louis, Missouri 63103. I work for Ameren Services Company ("Ameren Services") as a Project Manager in the Transmission Department. Ameren Services is a subsidiary of Ameren Corporation ("Ameren") and an affiliate of Union Electric Company d/b/a Ameren Missouri ("Ameren Missouri" or "Company"), the Applicant in this proceeding.

Q. What are the duties and responsibilities of your position?

A. As a Project Manager, I am responsible for the planning, execution, completion, and operational integration of certain transmission construction projects. I am the Project Manager for the transmission switchyard (to be known as the Quinn Switching Station) associated with the Millcreek Battery Energy Storage System ("BESS") Project.

Q. Please describe your professional background and qualifications.

A. I obtained my Civil Engineering bachelor's degree from Missouri University of Science and Technology in Rolla, Missouri. I have been employed with Ameren Services since April 2023 as a Project Manager III executing my projects, which includes conducting project team meetings and performing budget forecasting, project sequencing, customer communications, and overseeing project execution. Prior to my work at Ameren Services, I worked as a structural engineer at IMEG. Before that, I worked for Alberici as a project engineer supporting a field team

with design, materials selection, managing crews to execute projects on time to meet the required project completion dates, and performing safety evaluations out in the field.

Q. Have you previously provided testimony before the Missouri Public Service Commission ("Commission")?

A. No.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide an overview of the transmission interconnection facilities and network upgrades that are associated with Quinn Switching Station project that will support the new Millcreek BESS Project. I will also describe how the Company will execute the project through material procurement, engineering design, project construction, and operation of the new Quinn Switching Station.

Q. Are you sponsoring any schedules with your testimony?

A. Yes, I am sponsoring the following:

- Confidential Schedule HO-D1 – Generator Interconnection Agreement-CONF
- Confidential Schedule HO-D2 – Plans and Specifications for the Quinn Substation-CONF

II. PROJECT DETAILS

Q. Please describe the transmission work to be completed to connect the Millcreek BESS Project to the transmission system.

A. The Millcreek BESS Project requires a point of interconnection to Ameren Missouri's existing 161 kilovolt ("kV") system. Specifically, the Company will construct a new switchyard station located on land currently under a purchase option by Ameren Missouri and located directly adjacent to the existing 161 kV Harley-Pike transmission line. The Company

designed the switchyard and will construct the switchyard consistent with the Generation Interconnection Agreement ("GIA") for the BESS Project, which is Confidential Schedule – HO-D1 to this testimony. The BESS Project is designated in MISO's Expedited Resource Addition Study ("ERAS") Queue as project E0017.

III. COST DETAILS OF THE PROJECT

Q. What is the anticipated cost of the Quinn Switching Station?

A. The Quinn Switching Station will require several components necessary to interconnect the Millcreek BESS Project. Those components include (1) the construction of the Quinn Switching Station itself, (2) the construction of Transmission Owner Interconnection Facilities ("TOIF") at the Quinn Switching Station, and (3) line work necessary to split the existing 161 kV Harley-Pike transmission line and re-terminate it at the Quinn Switching Station. These elements constitute a portion of the Millcreek BESS Project for which Ameren Missouri is seeking a CCN in this case and are included in the estimated BESS Project costs discussed in witness Wibbenmeyer's Direct Testimony. As outlined in the GIA in Confidential Schedule HO-D1, the estimated cost of the three items listed above is **_____

_____

_____** Figure 2 below, extracted from the GIA, shows the breakdown of the various cost elements:

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Figure 2.

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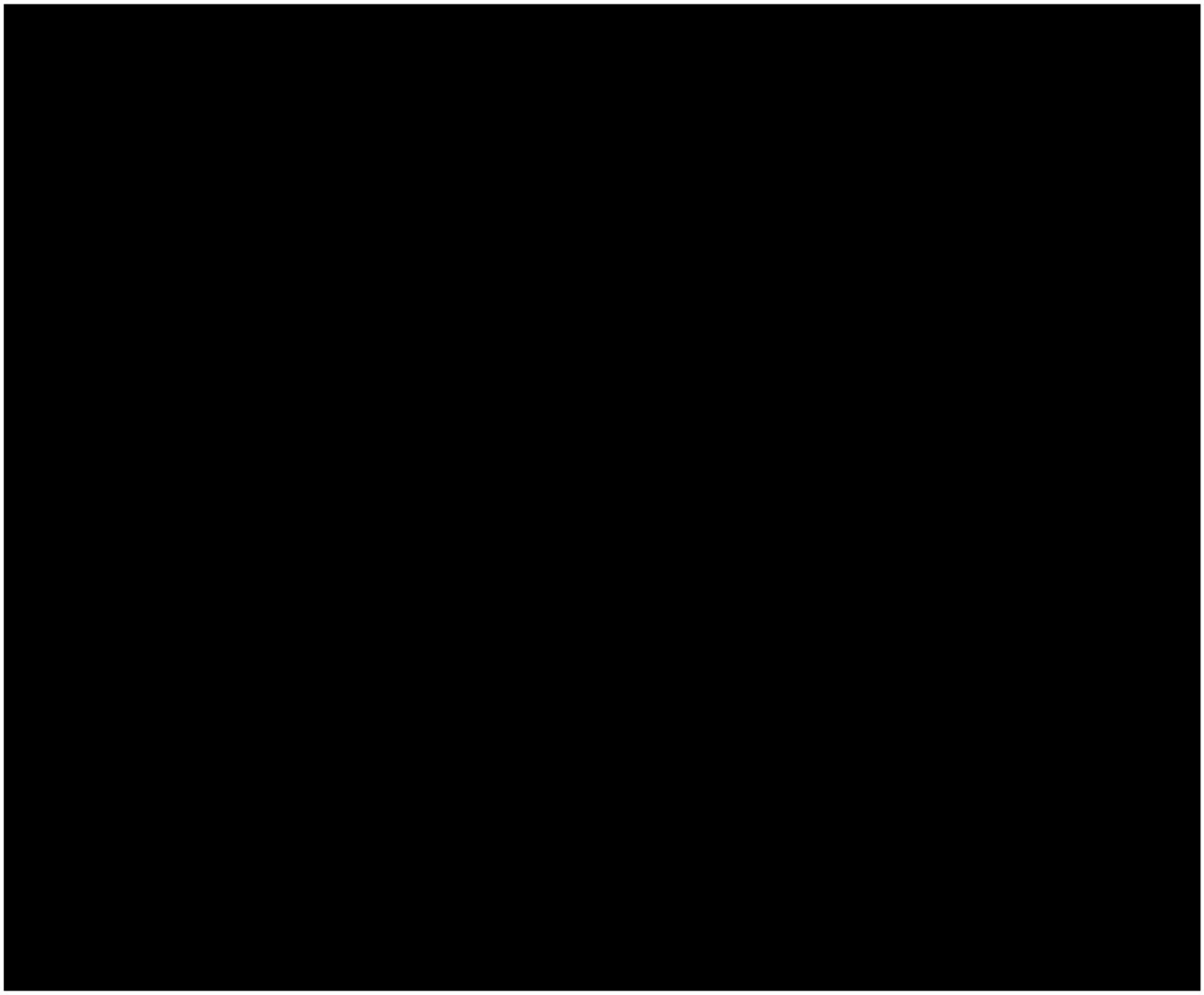

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Q. How was the Quinn Switching Station cost determined?

A. Pursuant to MISO's Generator Interconnection processes, design information and a detailed cost estimate was developed. The cost estimate parameters were quantified in part by assessing how inflationary demand has affected services, material, and equipment pricing. Material cost estimates were based on recent proposals from like-kind projects. This includes

proposals for 161 kV breakers, disconnect switches, steel poles, control enclosures and relays, etc. Similarly, construction cost estimates were based on the total number and general type of each asset in conjunction with historical values for labor using data from projects of comparable size. Using this methodology, an estimated cost of **_____** was derived.

IV. ADDITIONAL INFORMATION ABOUT THE QUINN SWITCHING STATION

Q. Please describe the station's configuration.

A. The Quinn Switching Station will be constructed in a ring bus configuration with three-line terminal positions and room for three additional future connections. The future terminal positions are not included in this project scope or cost. The diagram showing the preliminary layout of the station on the parcel is included in Confidential Schedule HO-D2 along with more detailed plans and specifications for the station.[1]

Q. What is the planned start of construction and in-service dates for the Quinn Switching Station?

A. The project schedule calls for the Quinn Switching Station construction to commence in the second quarter of 2027 and for the station to be placed in-service and able to provide backfeed power by December 1, 2027. The in-service date for the overall Millcreek BESS Project is scheduled for the second quarter of 2028.

Q. Please describe the other regulatory approvals required for the Quinn Switching Station.

A. Outside of the CCN, this switching station may require federal, state, and local permitting, which generally includes items like environmental permits and road-related approvals.

[1] The standard layout is provided because a more detailed layout has not been developed for the station yet.

Environmental surveys and studies will also be necessary to comply with various environmental laws (Endangered Species Act, Clean Water Act, etc.). Some of those permits may be obtained during the pendency of the CCN case. Others may come later in project development. Ameren Missouri is committed to working with all regulatory authorities to ensure we have all of the necessary permits and approvals to develop the Project and does not anticipate any issues with obtaining the required permits.

Q. How will Ameren Missouri source materials and select contractors for the construction of the Quinn Switching Station?

A. The materials are being procured under existing supplier agreements. The construction work will be contracted via a competitive bidding process seeking contractors to complete the construction. Generally, the sourcing process is comprised of: (i) formation of a contract development team to identify and write the scope of work to be completed, identification of qualified contractors for bidding, and the contractor selection criteria necessary; (ii) evaluation and acceptance of the statements of qualifications and bids received (where applicable); and (iii) negotiation of the terms and conditions most favorable to Ameren Missouri. This rigorous sourcing process assures Ameren Missouri secures market-based, cost competitive equipment, materials, and services for efficient and effective construction.

Q. Please address Ameren Missouri's qualifications to construct, own, and operate the Quinn Switching Station.

A. Ameren Missouri owns and operates thousands of miles of transmission lines and dozens of transmission substations and switching stations. Ameren Missouri will provide operations and maintenance services once the Quinn Switching Station is complete. Ameren Missouri's affiliate, Ameren Services, maintains a primary control center that will conduct all

operational switching and coordination with adjacent and interconnected systems. The control center is staffed around-the-clock by North American Electric Reliability Corporation (“NERC”) -certified System Operators with substantial experience performing the Transmission Operator and Balancing Authority tasks. Once the Switching Station is placed into service, it will be continuously monitored through Supervisory Control and Data Acquisition ("SCADA") by the control center. The system operators are required to maintain their certification through a combination of computer-based training and live system simulation drills. Ameren Services also maintains backup control centers in the unlikely event that the primary control center must be evacuated to minimize any potential disruption to operating the transmission system. Operation will be compliant with applicable state and federal law, Federal Energy Regulatory Commission ("FERC")-approved NERC Standards, and other applicable requirements.

Q. Please provide an overview of Ameren Missouri’s plans for maintaining the Quinn Switching Station.

A. Ameren Missouri maintains in-house substation maintenance expertise as well as operations and maintenance personnel at locations spread throughout Missouri. All transmission substations are routinely inspected and the individual equipment contained therein (breakers, etc.) is subject to an internal substation maintenance strategy setting equipment-specific maintenance expectations. Substation equipment is maintained to meet or exceed requirements set by NERC, and Ameren Missouri maintains documentation verifying this compliance, as well as information documenting the intervals at which maintenance activities are performed and the scope of work executed on any maintenance projects or visits. Any issues identified during substation inspections will be given a priority as provided by internal maintenance standards and a remediation action will be scheduled based on that priority.

Q. Please provide an overview of Ameren Missouri's plans for restoration of safe and adequate service after significant, unplanned/forced outages of the Quinn Switching Station.

A. Ameren Missouri has documented processes governing responses to unplanned outages. Ameren Missouri will apply these procedures to the Quinn Switching Station by clearly defining roles and responsibilities across its experienced group of subject matter experts.

Ameren Missouri operators will monitor the status of the station 24/7/365. If an unplanned outage occurs, subject matter experts will be assigned to review the outage data, utilize fault location information, dispatch field resources for making safe activities and to assess damage, and determine material and labor resources necessary for the safest and most efficient restoration. Ameren Missouri maintains a close relationship with multiple contract partners and tracks their staffing levels on a continual basis. This information is used to determine the best resources to respond to the situation. Ameren Missouri also has access to an experienced staff of internal lineman that can respond to storm damage if necessary.

Q. Does this conclude your Direct Testimony?

A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and Certificates of Public Convenience and Necessity Authorizing it to Construct Renewable Generation Facility and Battery Energy Storage Systems.	))))))	File No.: EA-2026-0183

AFFIDAVIT OF HARMAN ORMANI

STATE OF MISSOURI)
) ss
CITY OF ST. LOUIS)

Harman Ormani, being first duly sworn on his oath, states:

My name is Harman Ormani, and hereby declare on oath that I am of sound mind and lawful age; that I have prepared the foregoing *Direct Testimony*; and further, under the penalty of perjury, that the same is true and correct to the best of my knowledge and belief.

/s/ Harman Ormani
Harman Ormani

Sworn to me this 22nd day of May 2026.

EA-2026-0183

Schedule HO-D1

is Confidential
in its Entirety

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EA-2026-0183

Schedule HO-D2

is Confidential
in its Entirety

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