

SRRTEP Committee Southern Dominion Supplemental Projects

July 17, 2026

Solutions

Dominion Transmission Zone: Supplemental Lewis Drive 115 kV Delivery - MEC

Need Number: DOM-2025-0029

Process Stage: Solution Meeting 7/16/2026

Previously presented: Need Meeting 09/18/2025

Project Driver: Customer Service

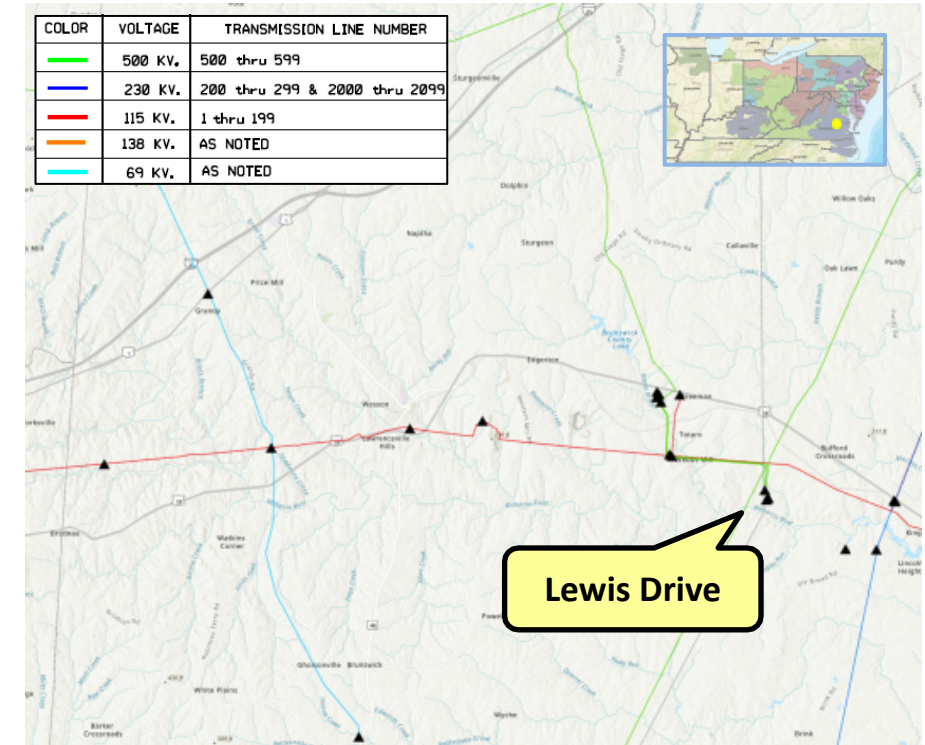
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

ODEC on behalf of Mecklenburg Electric Cooperative (MEC) has submitted a delivery point request for a new delivery point Lewis Drive to serve a 25 MW LNG customer in Brunswick County, VA. The site is located adjacent to Greenville power plant and Rogers Rd Sub. Requested in-service date is 10/01/2026.

Initial load will be 25MW at the requested target date and will remain the same for the next 10 years.



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Proposed Solution:

Tap Line #71 (Brodnax – Clubhouse) near structure 71/44 and extend a 115kV tap line to serve MEC's Lewis Drive 115kV Delivery Point using 636 ACSR 24/7 conductor. The distance from tap point to proposed delivery point is approximately 0.6 miles.

Estimated Project Cost: \$5.3M

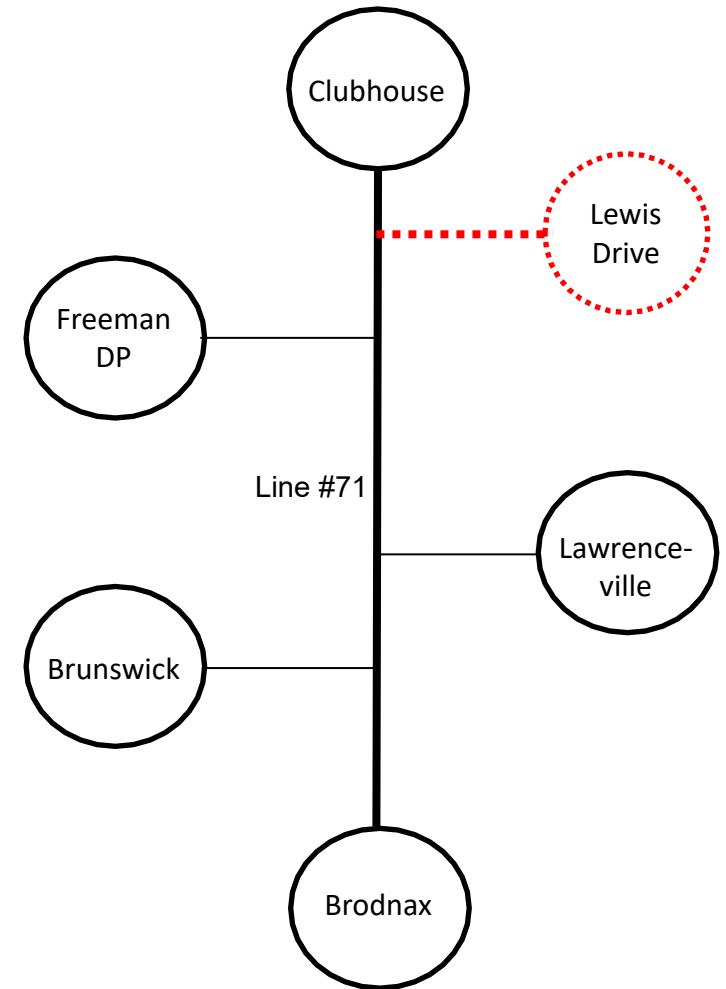
Alternatives Considered:

No feasible alternatives. Nearest source is Line #71

Projected In-service Date: 10/01/2026

Project Status: Construction

Model: 2030 RTEP



Appendix

High level M-3 Meeting Schedule

Assumptions

Activity	Timing
Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
Stakeholder comments	10 days after Assumptions Meeting

Needs

Activity	Timing
TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
Stakeholder comments	10 days after Needs Meeting

Solutions

Activity	Timing
TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
Stakeholder comments	10 days after Solutions Meeting

Submission of Supplemental Projects & Local Plan

Activity	Timing
Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
Post selected solution(s)	Following completion of DNH analysis
Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions

Revision History

07/02/2026 – V1 – Original version posted to pjm.com.