ODEC Transmission 2027 Local Planning Assumptions

SRRTEP Assumptions Meeting

December 10th, 2026

ODEC Old Dominion Electric Cooperative®

I. Transmission Planning Assumptions

A. ODEC uses the following for its Transmission Planning
   1. RTEP cases as provided by PJM
   2. Load forecasts as consolidated by PHI/DPL consistent with the PJM load forecast for DPL zonal coincidental peak load
   3. Historical coincidental peak loads over the last 5 years
   4. Planning Criteria submitted to PJM by ODEC

B. ODEC and PJM test these facilities against the planning criteria

Supplemental Project Drivers

- External Code Requirements
- Customer Service/Interconnection Points
- End of Life

II. External Code Requirements

A. The ODEC transmission system shall be constructed to ensure safe operation and adherence to applicable codes and laws.

B. The ODEC transmission system shall be constructed to limit negative impacts on the environment and wildlife and in accordance with applicable regulatory standards.

C. The ODEC transmission system shall be constructed in adherence with Government regulations, including, but not limited to those from FCC, FAA, and DHS.

III. Customer Service/Interconnection Points

A. Adherence to Agreements - ODEC transmission shall modify or add interconnection points as needed in accordance with applicable interconnection agreements.

B. Environmental Rules - ODEC transmission shall modify or add -interconnection points as needed to adhere to all applicable environmental regulations.

IV. End of Life

A. Justification: All End of Life projects will be justified on an individual project-by-project basis unless an outside agency drives it.

B. Drivers:

   I. ODEC transmission shall replace aged facilities which because of their age or condition pose a danger to the environment and the public.

   II. ODEC transmission shall replace aged facilities which because of their age or condition pose a risk to reasonable reliability and resilience levels.

   III. ODEC transmission shall replace aged facilities, which, because of their age or condition, pose an increased total cost compared to a new facility.

   IV. Any combination of I, II, or III, above.

END

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