

# Sub Region RTEP Mid-Atlantic Committee ODEC Supplemental Projects

April 14, 2021

# Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

# ODEC Transmission Zone M-3 Process

**Need Number: ODEC-2021-001**

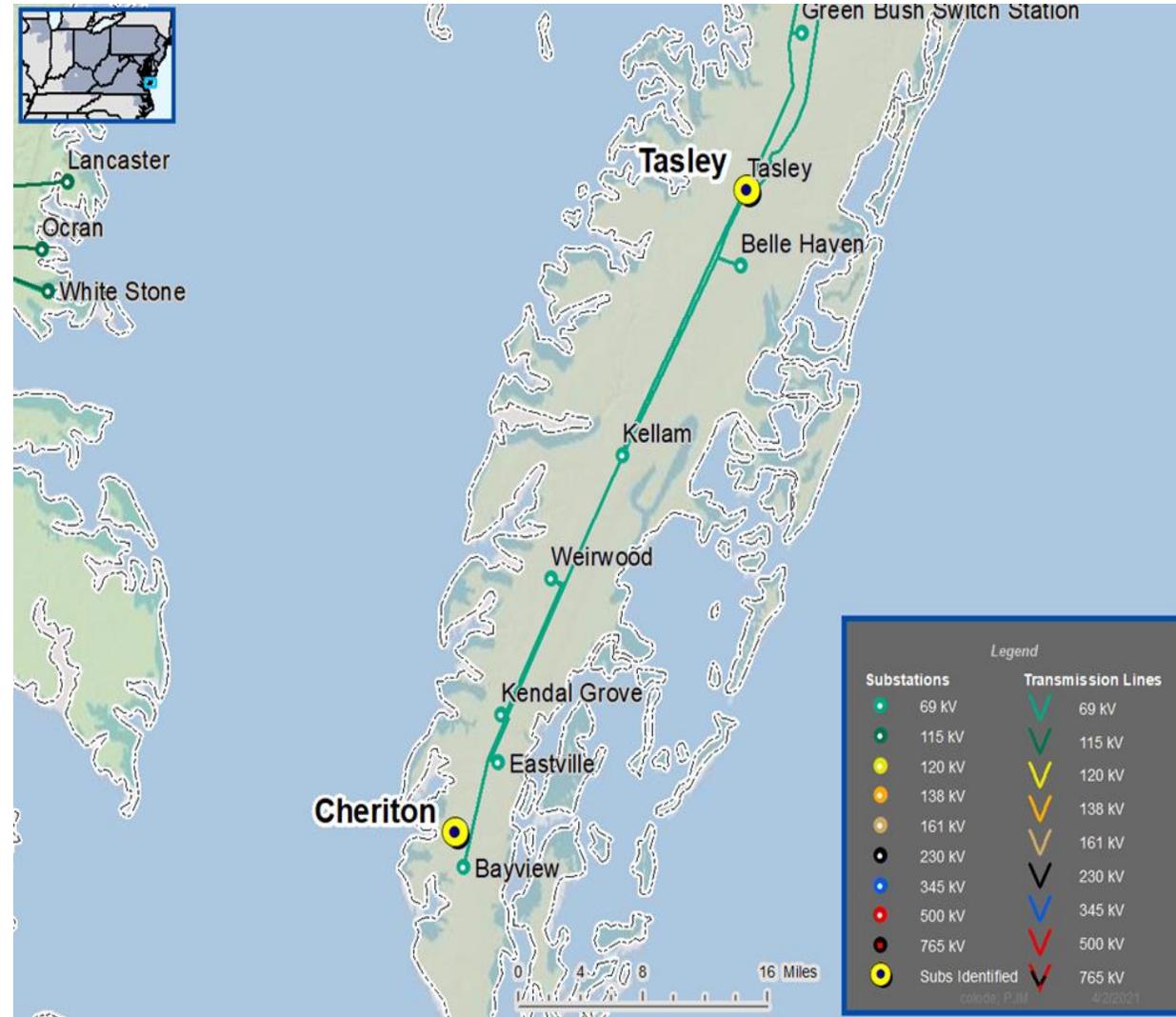
**Process Stage:** Needs Meeting 4/14/2021

**Project Drivers:**

- System reliability and performance
- Load at risk in planning and operational scenarios
- Unintentional islanding

**Problem Statement:**

- Protection and Control of the existing transmission system relies on over current and distance relays.
- Existing generation approximates load in multiple areas.
- Breaker failure backup relaying is currently at the next station upline and increases line clearing times.
- High speed, reliable communications does not exist between stations.
- Communications with PJM and to SCADA systems are being provided by third parties. ODEC wishes to take over these comms as one third party is planning on retiring existing equipment.
- Existing generators at Cheriton and Tasley presently detect islanding indirectly through abnormal frequency and voltage.



# Questions?



# 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

4/2/2021 – V1 – Original version posted to pjm.com