



Sub Regional RTEP Committee PJM Mid-Atlantic ODEC

May 31, 2019

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

Need Number: ODEC-2019-001

Process Stage: Need Meeting 5/31/2019

Supplemental Project Driver: End of Life Criteria, Equipment Material Condition, Performance and Risk, Violations of Government Regulations

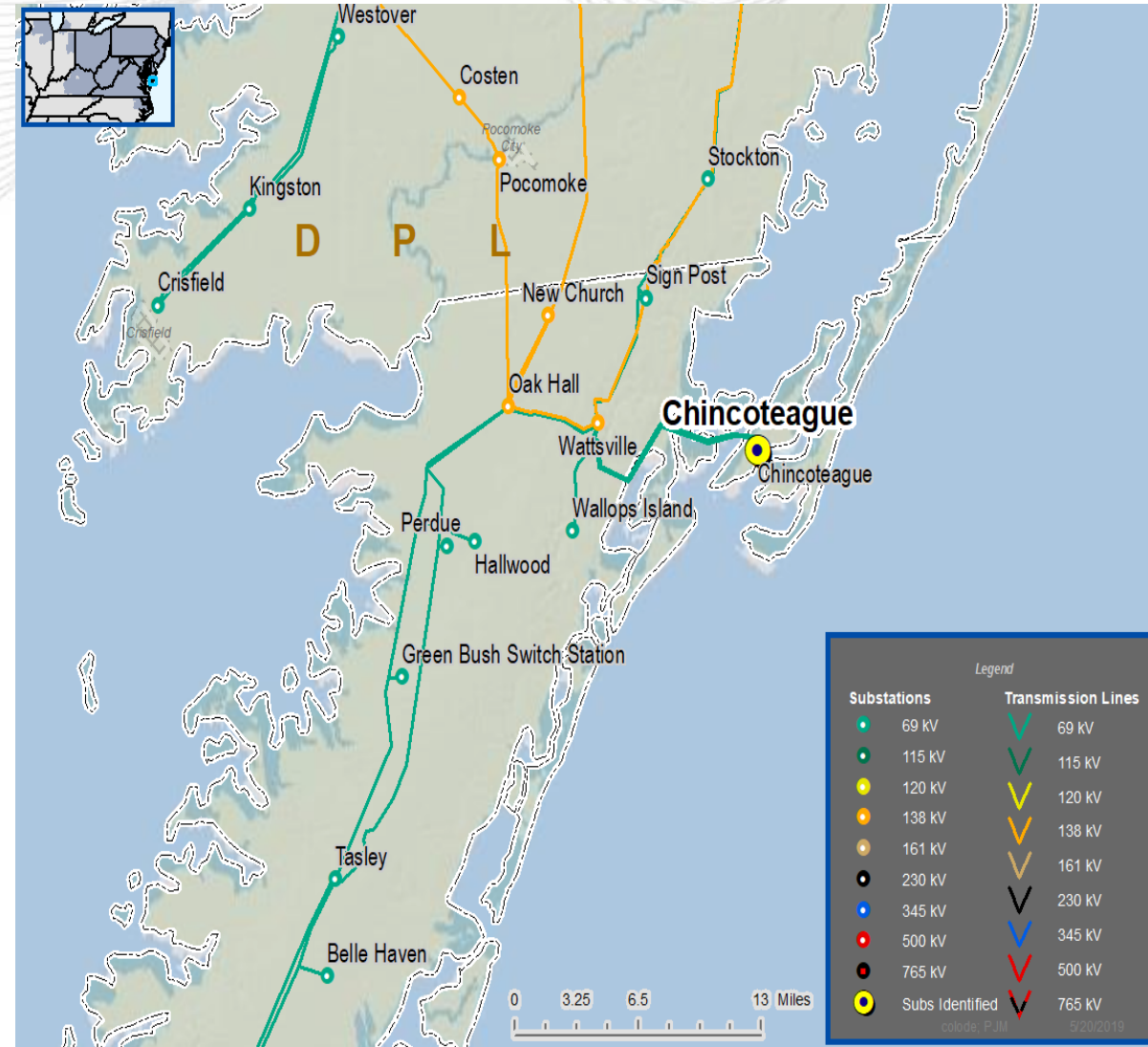
Specific Assumption References:

ODEC Assumptions 12/7/2018: End of Life Criteria III.B.2. and External Code Requirements Criteria I.C.

- ODEC shall replace aged facilities which because of their age or condition pose a risk to reasonable reliability and resilience levels.
- The ODEC transmission system shall be constructed in adherence with Government regulations, including, but not limited to those from: FCC, FAA, and DHS.

Problem Statement:

- The two 69kV lines serving Chincoteague (rated 36MW each) are nearing end of life (pole line installed 1983). Wood poles are exhibiting rot.
- Both lines are co-located on several of the structures resulting in loss of all load on Chincoteague Island under single contingency.
- Existing poles are difficult to access in Simoneaston Bay tidal marsh on Fish & Wildlife controlled land
- Existing poles violate FAA glide path clearances for the Wallops Island NASA flight facility.



Need Number: ODEC-2019-002

Process Stage: Need Meeting 5/31/2019

Supplemental Project Driver: Transmission customer request

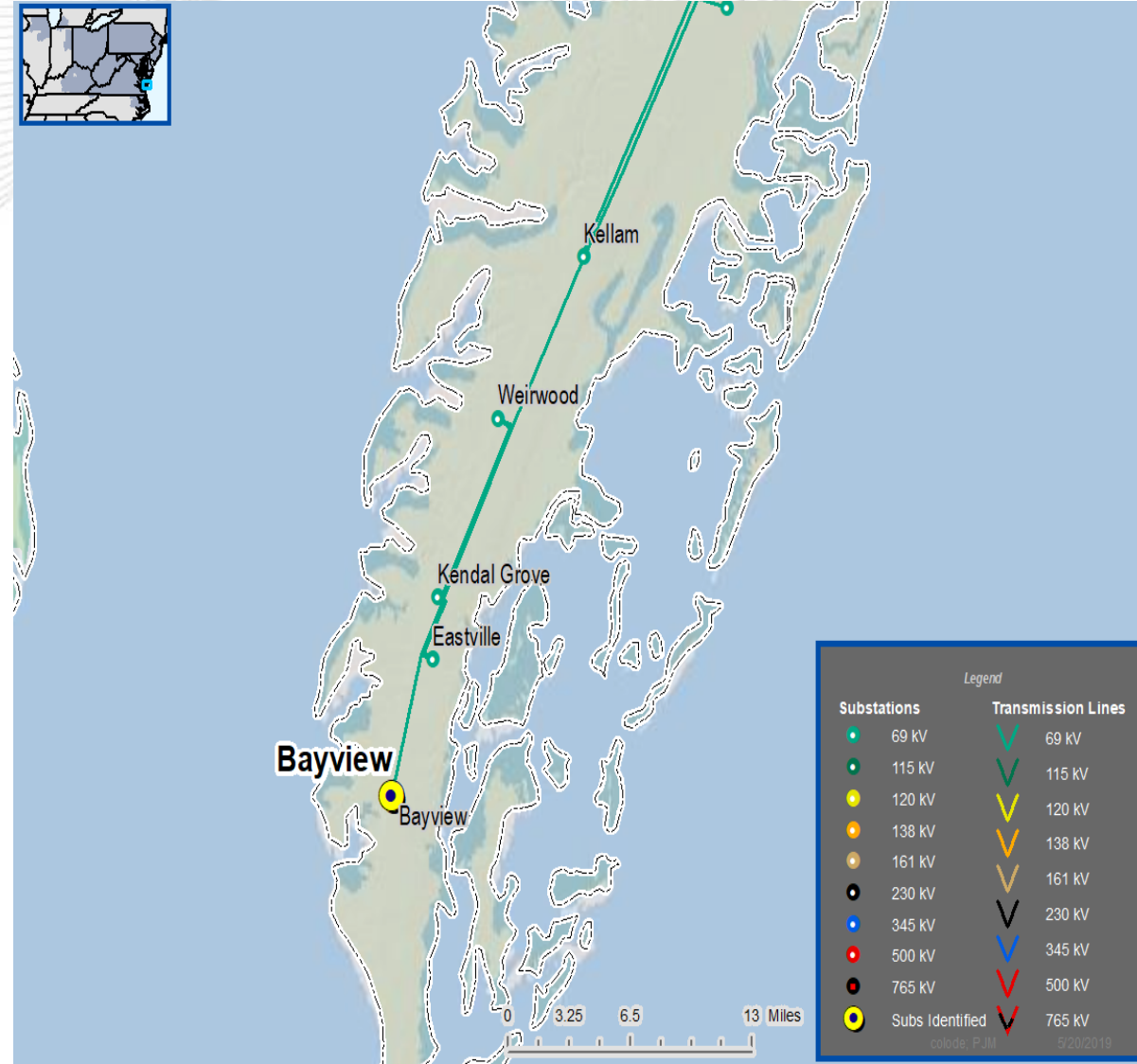
Specific Assumption References:

ODEC Assumptions December 7, 2018

- Interconnection Points II.A: ODEC shall modify or add interconnection points as needed in accordance with applicable interconnection agreements.

Problem Statement:

- Load Serving Transmission Customer has requested a new delivery point (Plantation Substation) and retirement of existing Bayview Sub D.P.
- Customer is doing a voltage conversion and consolidating substations and retiring several D.P.s.
- Load increase on this sub due to consolidation is 4MW (Current load 18MW, new load 22MW).
- Current site constrained due to existing PJM generator **collocated** at site



Questions?



Appendix



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

5/21/2019 – V1 – Original version posted to pjm.com