



Sub Regional RTEP Committee PJM Mid-Atlantic PHI

February 22, 2019

Solutions

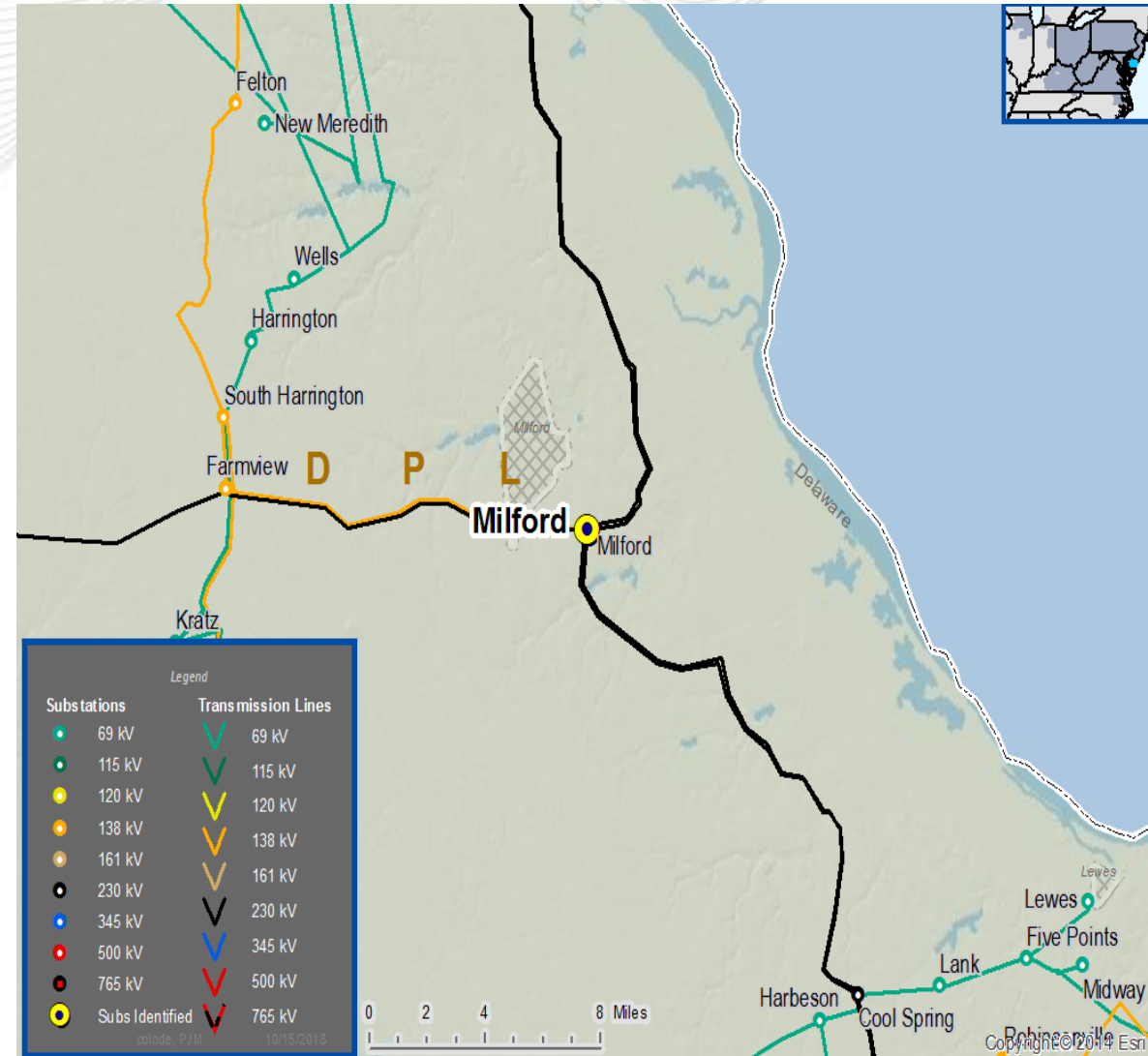
Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

- Need Number: DPL-2018-0002
- Need Presented: 10/29/2018
- Meeting Date: 2/22/2019
- Process Stage: Solution

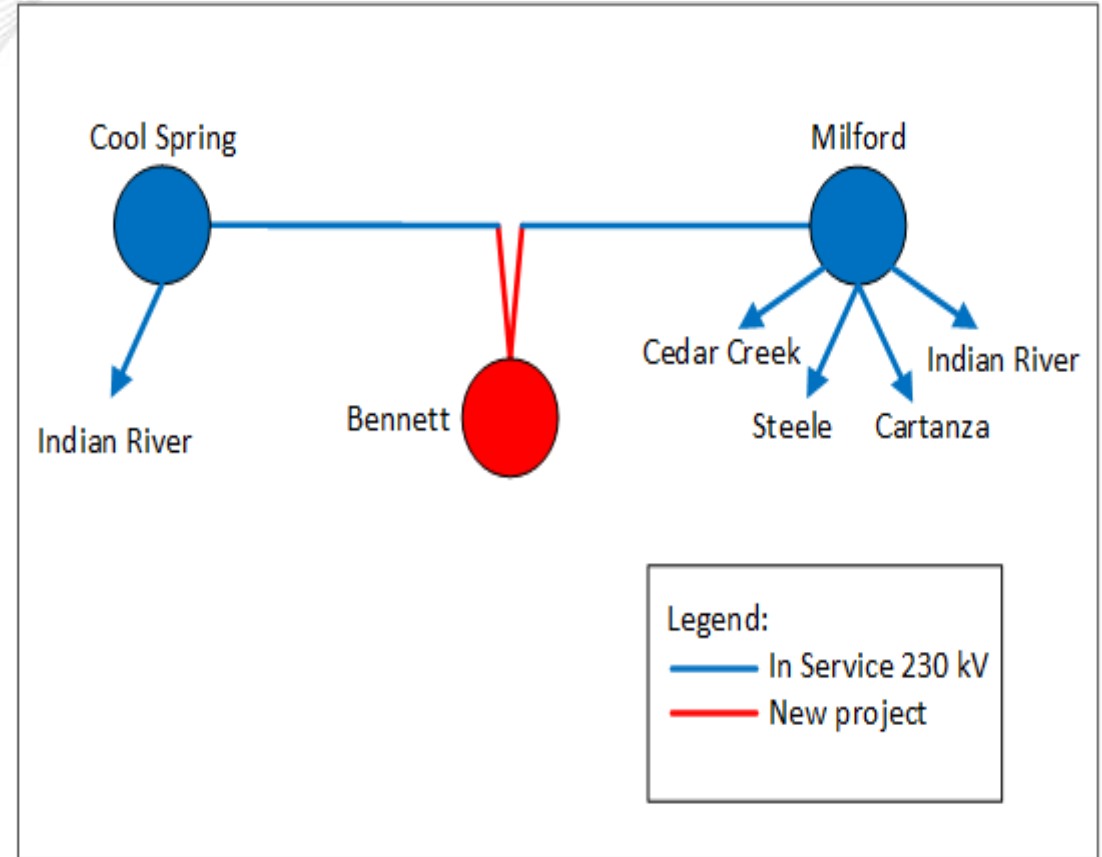
- Supplemental Project Driver: Transmission Customer Request

- Problem Statement:
 - Customer has requested a new point of interconnection at DPL's Milford substation due to load growth within the cooperative.
 - Forecasted Load: 73 MW

- Specific Assumption References:
 - SRRTEP Assumptions presentation from January 26, 2018
 - New transmission customer connections



- **Need Number:** DPL-2018-0002
- **Proposed Solution:**
 - Construct a 3-breaker ring bus that would tie into the existing 23069 Milford to Cool Spring 230 kV line.
 - **Estimated Cost:** \$15M
 - **Projected In-Service Date:** 5/31/2022
- **TO Alternatives Considered:**
 - Alternative 1
 - Construct a 5-breaker ring bus that would tie into Milford to Cool Spring 230 kV line and Milford to Indian River 230 kV line.
 - Significantly higher cost not justified by added benefit
 - Alternative 2
 - Rebuild portion of 23069 Milford to Cool Spring line as double circuit providing a 138 kV feed to customer
 - Condition of existing line does not warrant a rebuild at this time
 - Would create radial transmission line feeding customer, which DPL does not allow



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

2/12/2019– V1 – Original version posted to pjm.com