Sub Regional RTEP Committee
Mid-Atlantic

September 21, 2018

- The following definitions explain the basis for excluding flowgates and/or projects from the competitive planning process and designating projects to the incumbent Transmission Owner.
- Flowgates/projects excluded from competition will include the underlined language on the corresponding slide.
  - Immediate Need Exclusion: Due to the immediate need of the violation (3 years or less), the timing required for an RTEP proposal window is infeasible. As a result, the local Transmission Owner will be the Designated Entity. - Operating Agreement, Schedule 6 § 1.5.8(m)
  - Below 200kV: Due to the lower voltage level of the identified violation(s), the driver(s) for this project are excluded from the competitive proposal window process. As a result, the local Transmission Owner will be the Designated Entity - Operating Agreement, Schedule 6 § 1.5.8(n)
  - FERC 715 (TO Criteria): Due to the violation need of this project resulting solely from FERC 715 TO Reliability Criteria, the driver(s) for this project are excluded from the competitive proposal window process. As a result, the local Transmission Owner will be the Designated Entity - Operating Agreement, Schedule 6 § 1.5.8(o)
  - Substation Equipment: Due to identification of the limiting element(s) as substation equipment, the driver(s) for this project are excluded from the competitive proposal window process. As a result, the local Transmission Owner will be the Designated Entity - Operating Agreement, Schedule 6 § 1.5.8(p)

First Review

Baseline Reliability Projects

DPL Transmission Zone: Baseline Project

Generation Deliverability (Winter)

Below 200 kV

Problem Statement:

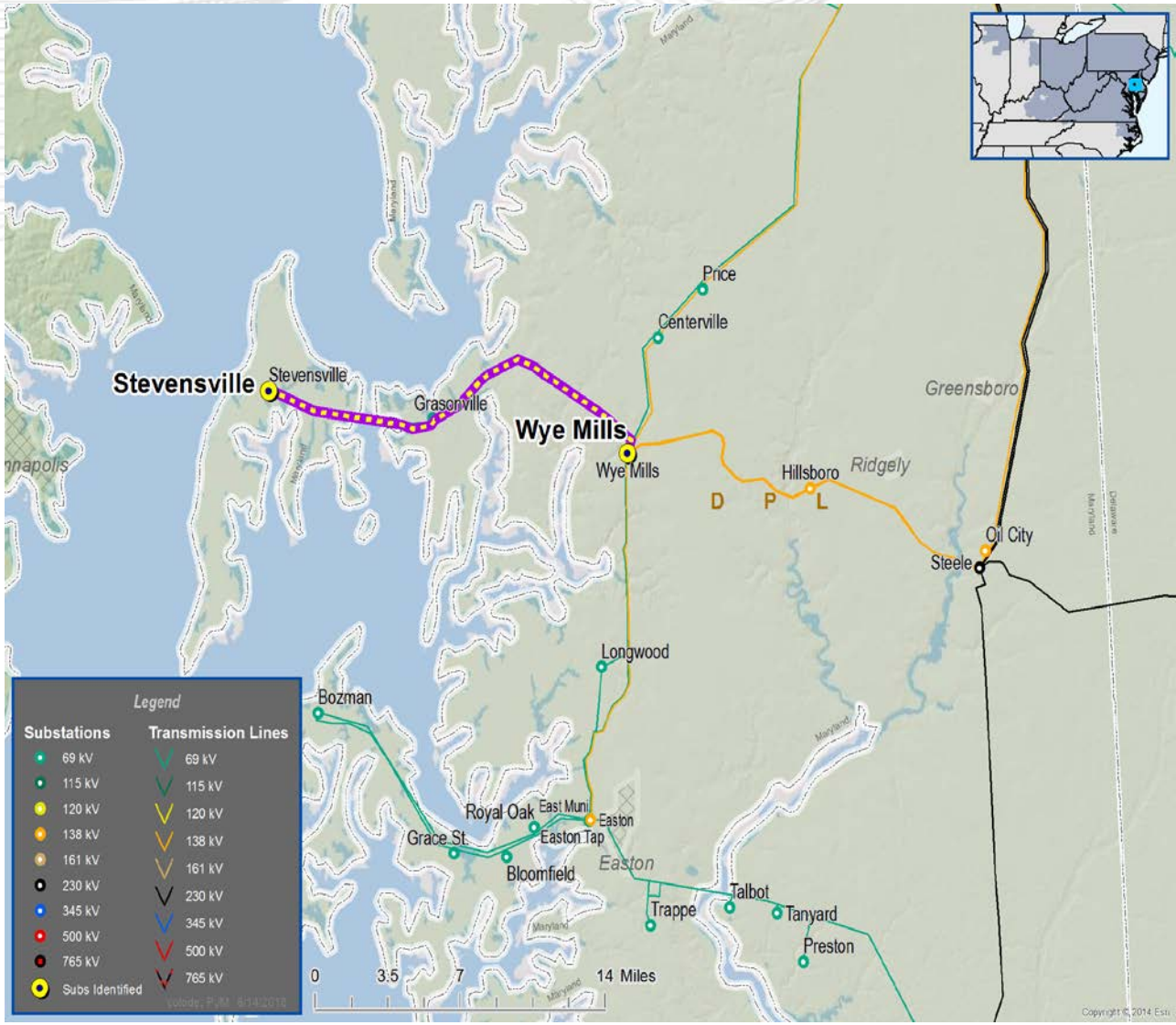
- The Wye Mills – Stevensville 69 kV is overloaded for a single contingency loss of the Wye Mills to Grasonville 69 kV circuit. (FG# GD-W12)

Potential/Alternatives Solution:

- Install a battery storage device at Grasonville Substation
- Rebuild Wye Mills – Stevensville 69 kV Line
- Construct a new 69 kV line from Wye Mills to Grasonville.

Required IS Date: 12/1/2023

Status: Conceptual



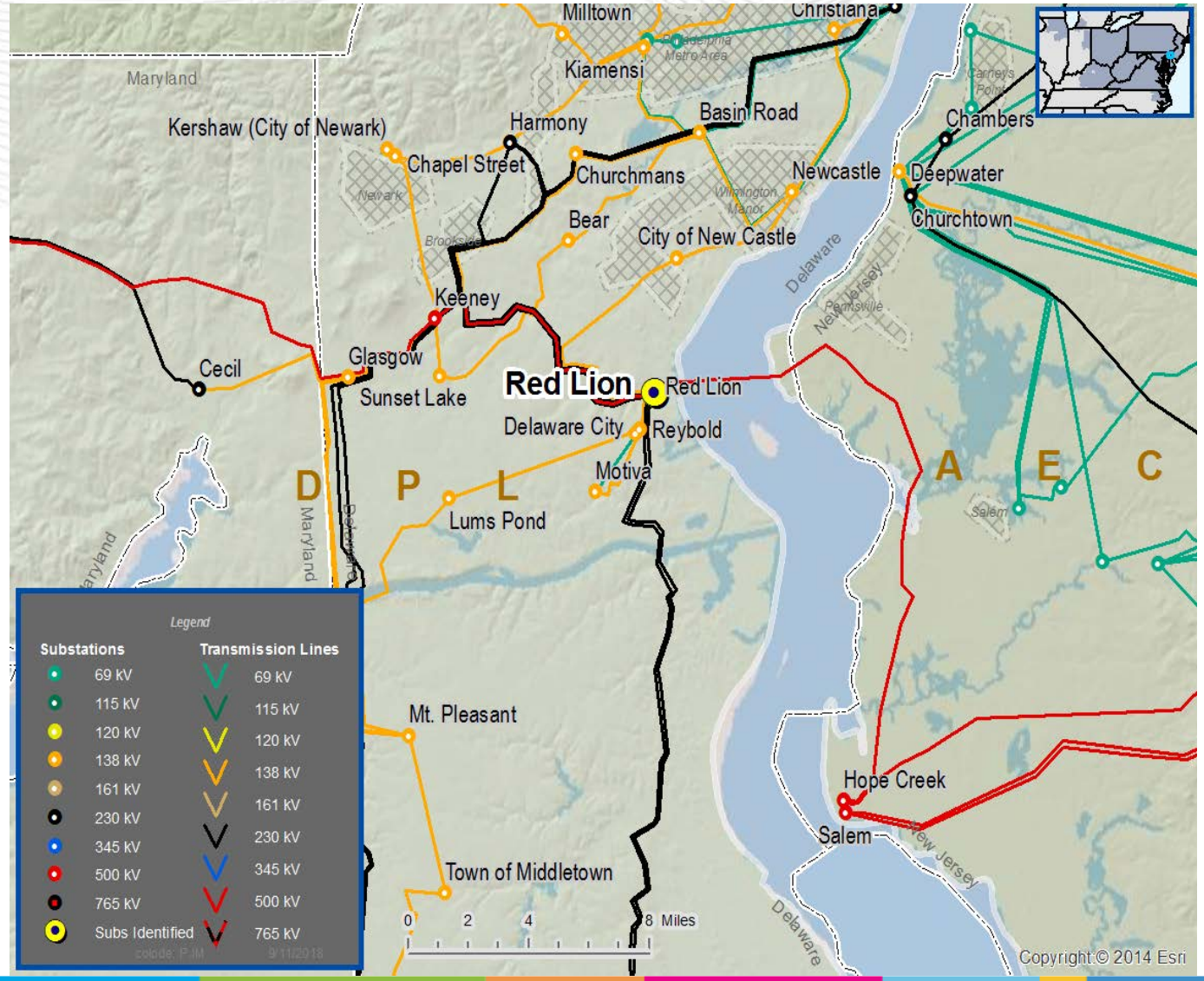
AE Transmission Zone: Baseline Project

Baseline Voltage (Summer)

Below 200 kV

Problem Statement:

- High voltage violation at Red Lion 138 kV bus for multiple line fault stuck breaker contingencies. (FG# N1-SVH3 and N1-SVH4)
- The high voltage issue is no longer valid. One of the Red Lion 230/138 kV transformer tap setting was incorrectly modeled. Both Red Lion 230/138 kV transformers tap setting should be nominal.



Second Review

Baseline Reliability Projects

Penelec Transmission Zone: Baseline Project

Previously Presented : 08/24/2018

N-1-1 Voltage (Winter)

Below 200 kV

Problem Statement:

- Low voltage at West Fall 115 kV bus for N-1-1 contingency loss of 2-230/46 kV transformers and a capacitor bank at Altoona substation. (FG# N2-WVM1 and N2-WVM2)

Recommended Solution:

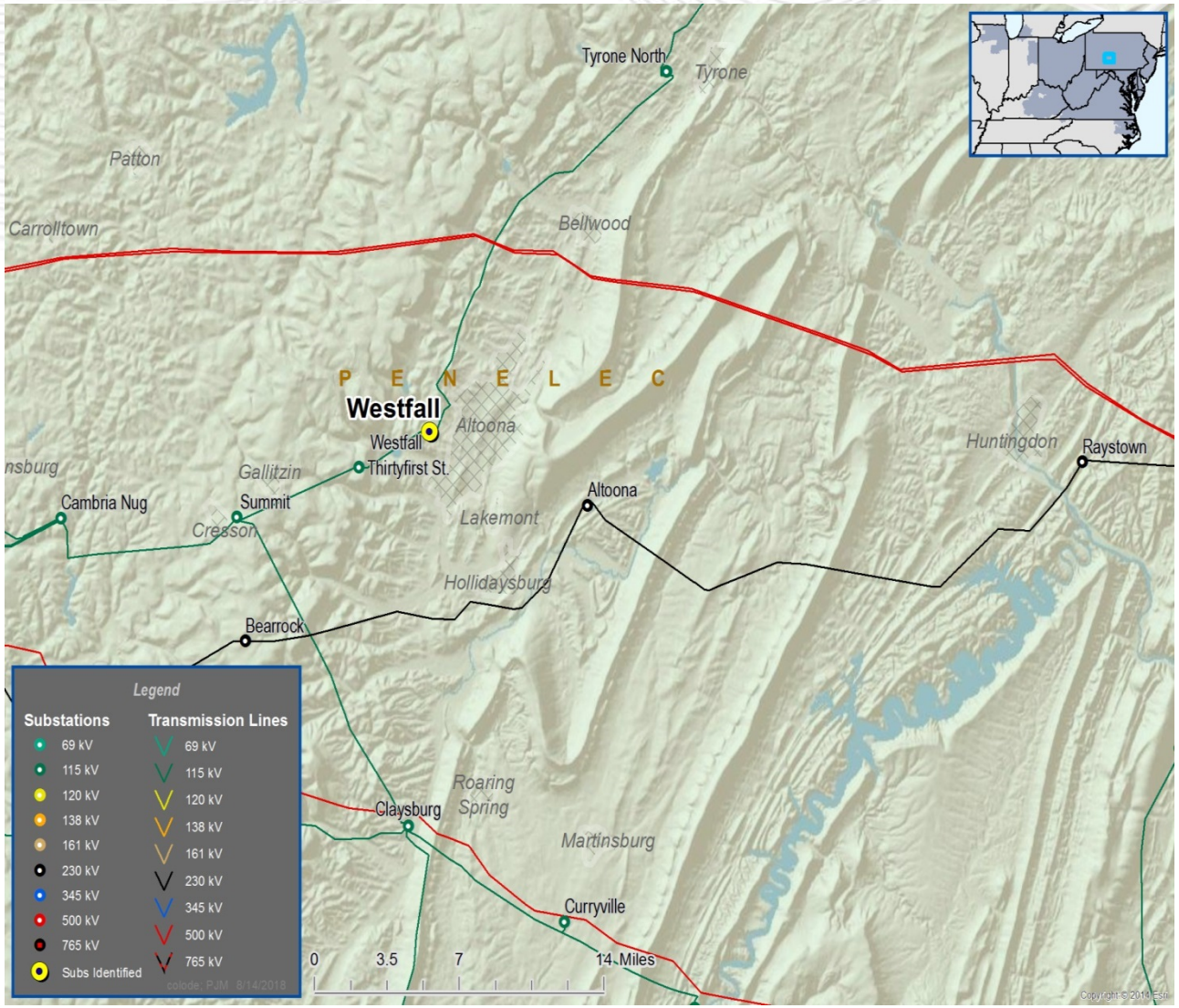
- Install one 115 kV 36 MVAR capacitor at West Fall 115 kV substation. (B3043)

Estimated Project Cost : $0.9454 M

Required IS Date: 6/1/2023

Projected IS Date: 6/1/2023

Status: Conceptual



Next Steps

Upcoming SRRTEP-Mid-Atlantic Meetings

Mid-Atlantic	Start	End
10/26/2018	8:30	12:30
11/28/2018	8:30	12:30
12/07/2018	8:30	12:30

RTEP@pjm.com to Be Retired

- PJM will retire the RTEP@pjm.com email address as of September 1, 2018. Stakeholders with questions about planning updates or planning windows should use the Planning Community.
- PJM is enhancing the way we communicate to follow industry standards and maintain its standing as an industry leader.
- The Planning Community is a vital avenue for PJM members and staff to collaborate on planning updates, including RTEP windows, and get their questions answered.

Revision History

9/14/2018 – V1 – Original version posted to pjm.com