

Transmission Expansion Advisory Committee

December 8, 2010

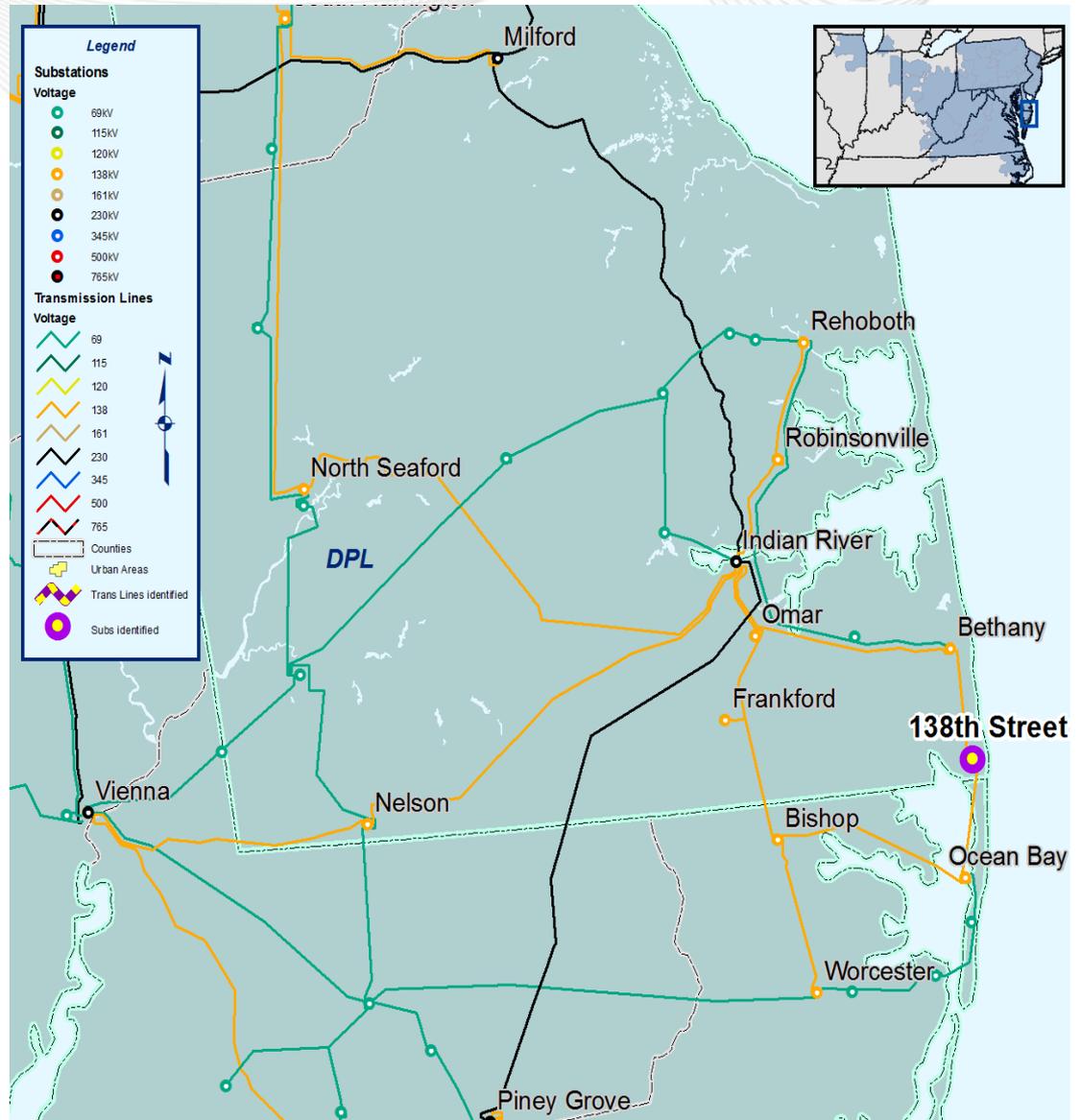
Issues Tracking

Open Issues: None

New Issues:

Baseline Reliability Update

- Baseline upgrade to install 50 MVAR SVC at the 138th Street 138 kV bus (B0876) is replaced with install 75 MVAR SVC at the 138th Street 138 kV bus due to N-1-1 criteria violation
- Original Estimated Project Cost: \$8.65M
- New Estimated Project Cost: \$22.8
- Expected IS Date: 6/1/2013



- 2015 N-1-1 voltage study nearing completion for all zones
 - 100's of hours of computing time
 - Results will be distributed to the TO's this week
- Finalizing review of a few SRRTEP – South potential reinforcements

- 2014 Load Deliverability Voltage violations identified in the following zones
 - MAAC zone
 - Dominion zone
 - PEPCO zone
- Solution
 - Construct the Welton Spring 500kV station and add 1100 MVAR of switched capacitors at Welton Spring 500kV
 - Additional reactive support will be required, analysis is underway to determine the optimal locations

- 2014 Generator Deliverability Analysis
- 2014 Common Mode Outage Procedure Analysis
- Susquehanna – Roseland status

Email RTEP@pjm.com with any comments

Next Steps

Review Issues Tracking