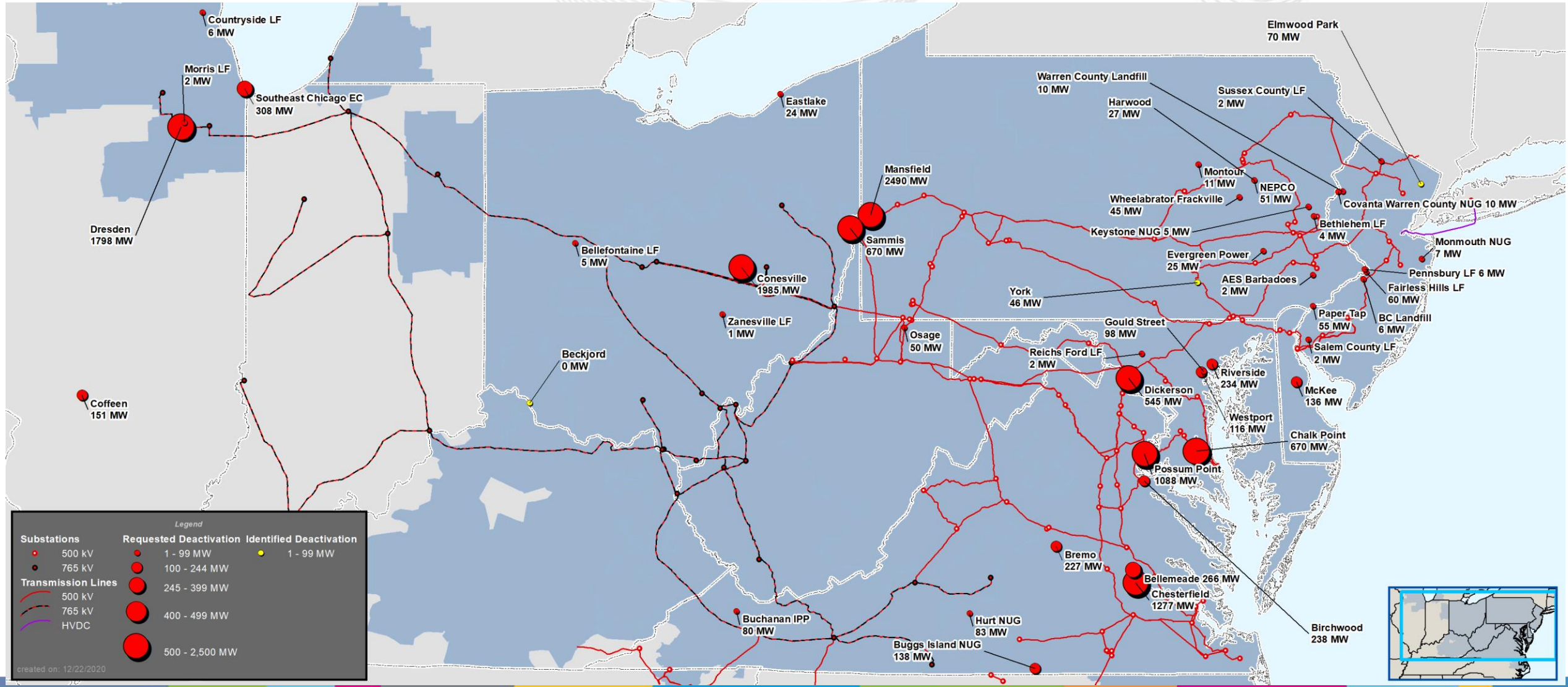




# Generation Deactivation Notification Update

Transmission Expansion Advisory  
Committee  
January 6, 2021

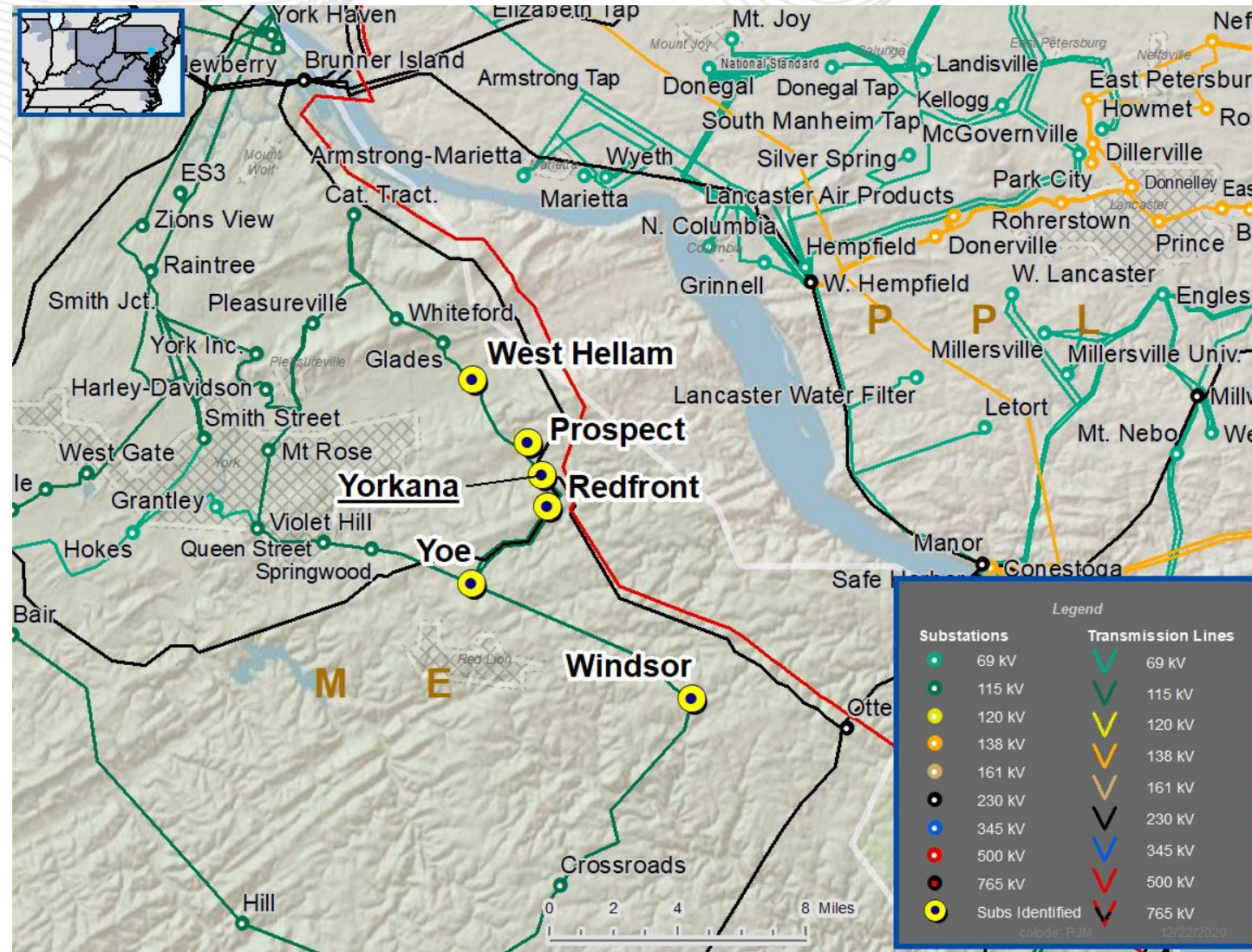


Unit(s)	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
York (46.2 MW)	METED	05/31/2022	Reliability analysis complete. New baseline will be identified to resolve impacts. Units can retire as scheduled.
Beckjord Battery (0 MW)	DEOK	02/03/2021	Reliability analysis complete. No violation identified.
Elmwood (70.3 MW)	PSEG	03/12/2021	Reliability analysis Underway

## Problem Statement – N-1-1 voltage magnitude:

### York generation facility deactivation

- Voltage magnitude violations identified at West Hellam 115 kV, Prospect 115 kV, Yorkana 115 kV, Redfront 115kV, Yoe 115 kV, and Windsor 115 kV buses.
- Loss of Yorkana 230/115 kV #3 transformer followed by Yorkana 230 – Brunner Island 230 kV line and Yorkana 230/115 #1 transformer.
- **Recommended Solution**
  - Install a 120.75 kV 79.4 MVAR capacitor bank at Yorkana 115 kV (B3311).
  - Estimated Project Estimate: \$2.2M
- Required ISD: 5/31/2022
- Projected ISD: 5/31/2022



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## Generation Deactivation Notification



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- V1 - 12/30/21 - Original slides posted.