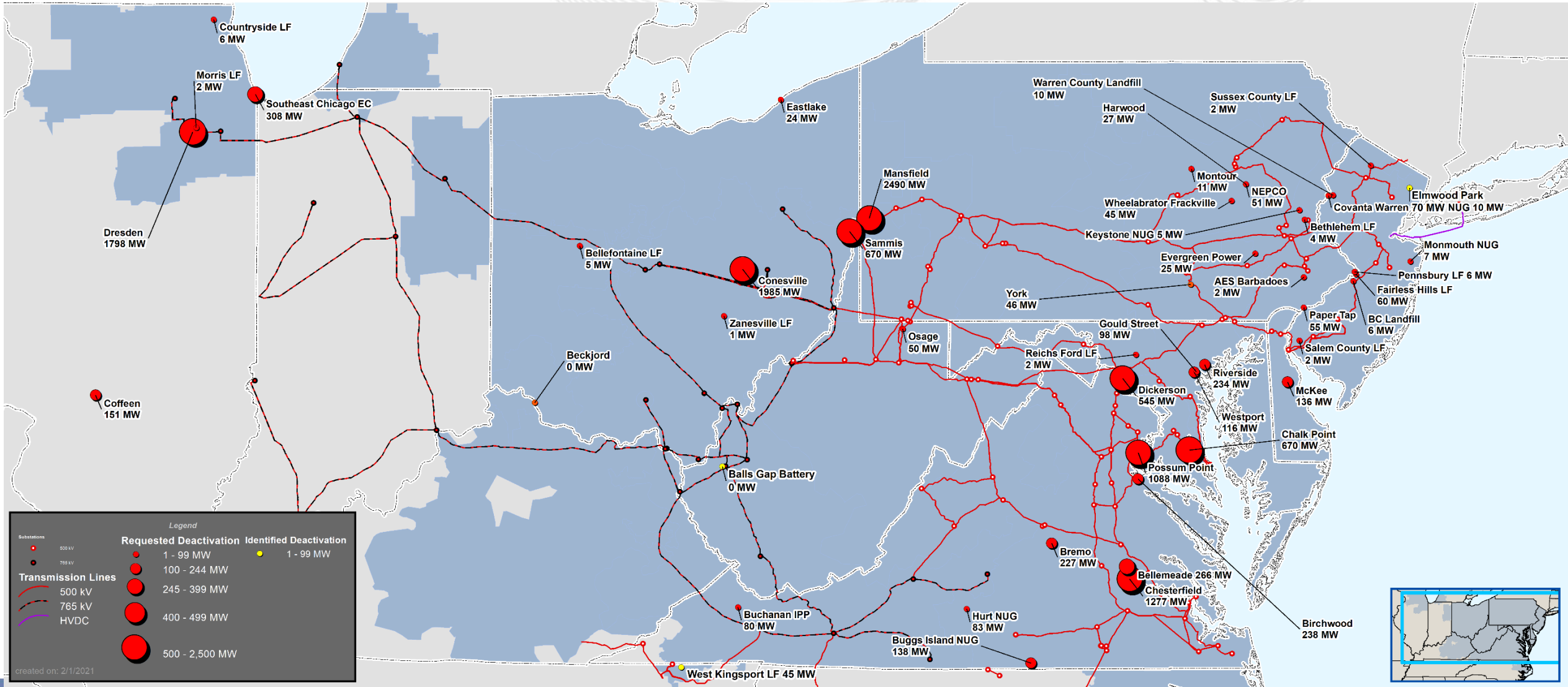




# Generation Deactivation Notification Update

Transmission Expansion Advisory  
Committee

February 9, 2021





# Deactivation Status

Unit(s)	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
Elmwood (70.3 MW)	PSEG	03/12/2021	Reliability analysis complete. No violation identified.
West Kingsport (45 MW)	AEP	05/31/2021	Reliability analysis complete. No violation identified.
Balls Gap Battery (0 MW)	AEP	04/22/2021	Reliability analysis complete. No violation identified.



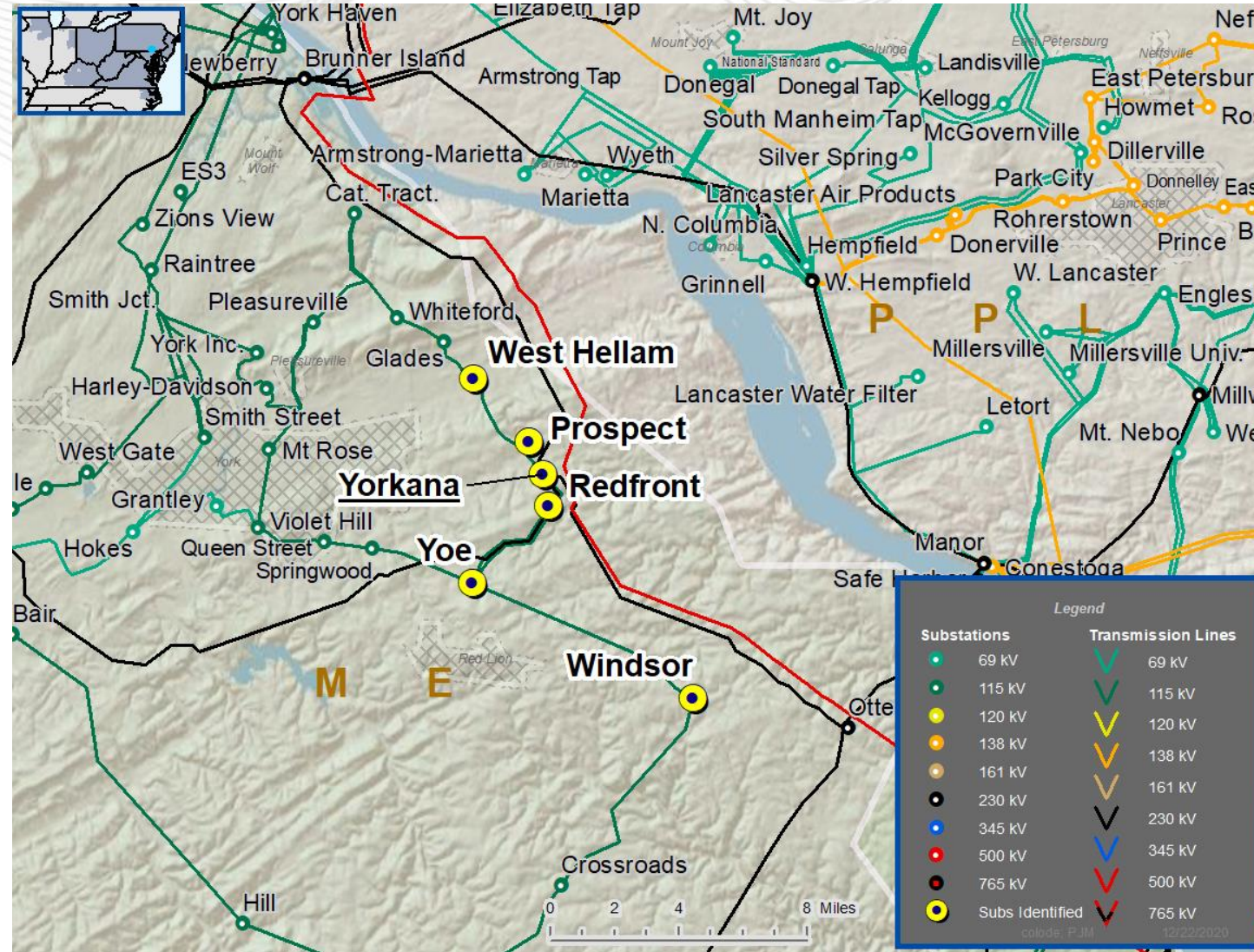
# Second Read



## 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



### Member Hotline

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- V1 - 2/02/21 - Original slides posted.
- V2 - 2/08/21 - Status for West Kingsport Update on Slide 3.
- V3 – 2/11/21 – Status for Balls Gap Battery Update on Slide 3.