

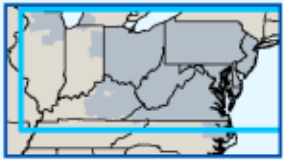
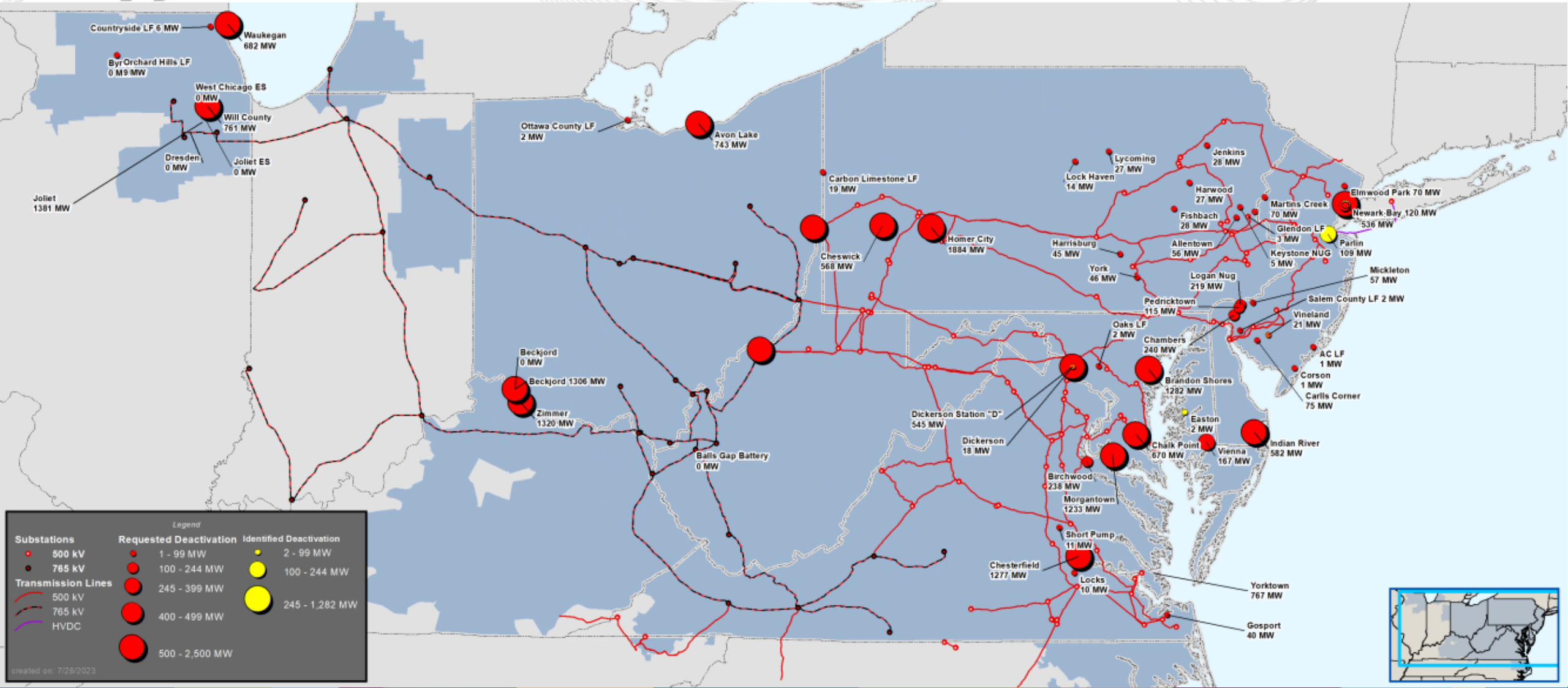


Generation Deactivation Notification Update

Transmission Expansion Advisory Committee
September 5th, 2023



Generation Deactivation Announcements 2020-2023





Deactivation Status

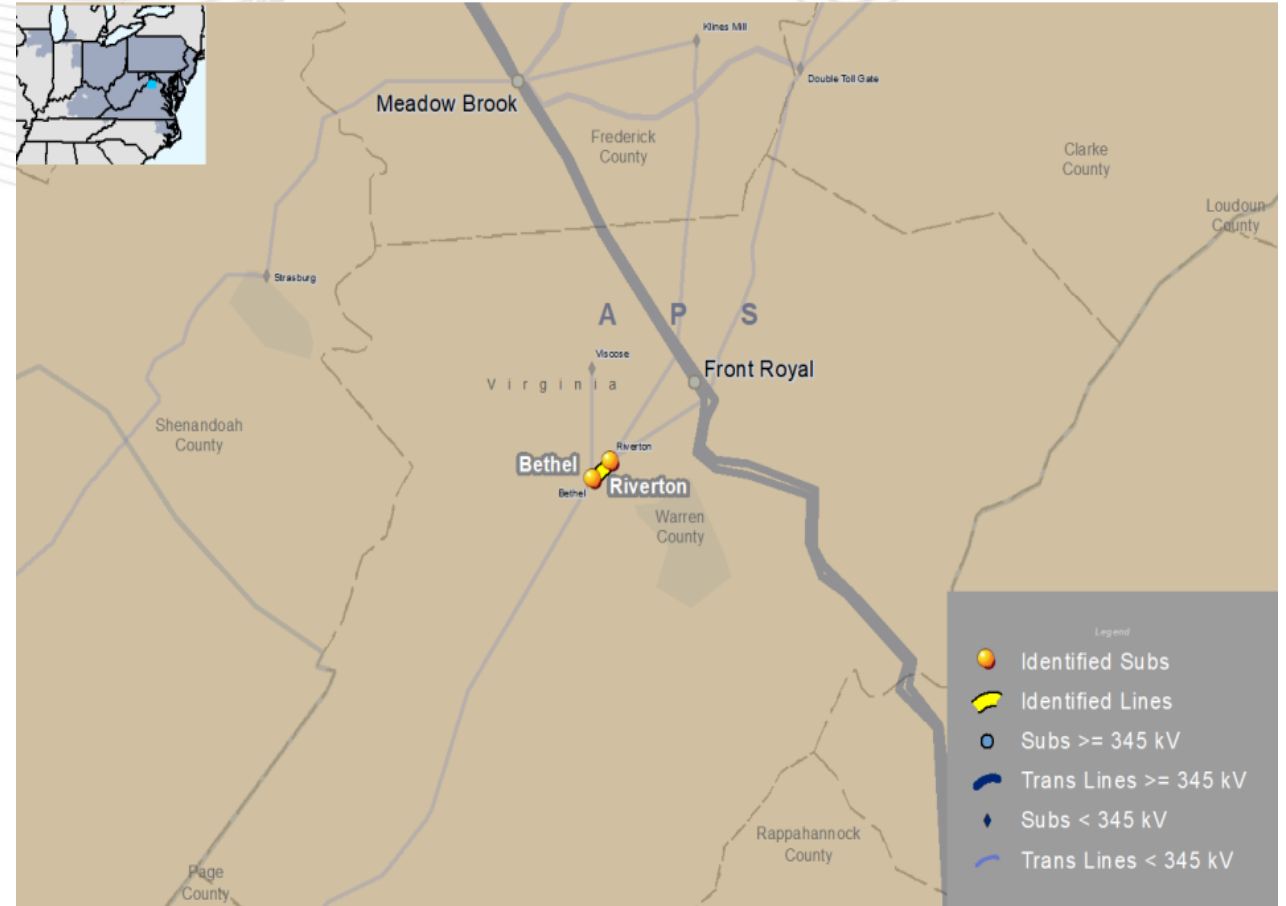
Unit(s)	MW	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
Easton Unit 8	2	DPL	10/1/2023	Reliability analysis completed. No impact identified.
Parlin CT1, CT2, ST1, ST2	109	JCPL	11/1/2023	Reliability analysis completed. No impact identified.

* PJM does not approve deactivations, but rather identifies whether the requested deactivation date could lead to reliability concerns on the system. When PJM determines a proposed deactivation would adversely affect the reliability of the Transmission System due to upgrade completion timeline and absent operational measures, PJM desires and requests the Generation Owner extend operations of the deactivating unit(s). The Generation Owner may elect to support system reliability by operating until necessary network upgrades are completed by either filing its proposed Cost of Service Recovery Rate (CSRR) at FERC or accepting the Deactivation Avoidable Cost Credit (DACC) provided in the Tariff. PJM will announce at subsequent TEAC(s) after the Generation Owner submits a CSRR to the FERC and after the FERC accepts the CSRR filing or after the Generation Owner agrees to the DACC.

Second Read

138kV Recommended Reinforcements

- APS - B3782: Adjust Relay setting at Riverton 138kV
- **Projected ISD:** 6/1/2025
- **Required ISD:** 6/1/2025
- **Estimated Cost:** \$ 0.078 Million

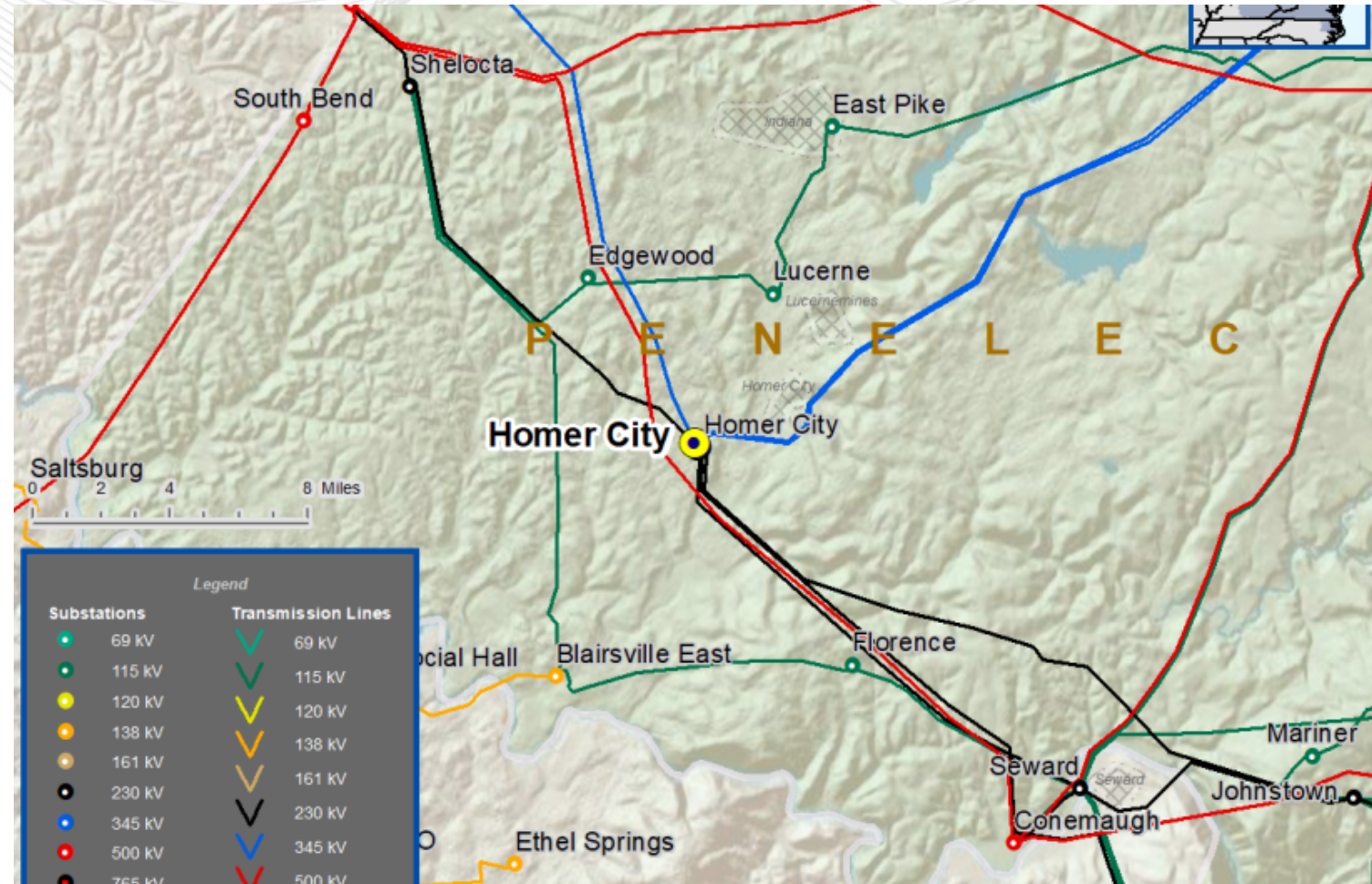


Homer City Deactivation - PENELC Transmission Areas

PENELEC – B3783:

- **Scope of work**
 - Cut and remove the 345 kV and 230 kV generator lead lines
 - Install new station service supply and separate AC station service
 - Separate protection and controls schemes
 - Review and adjust relay protection settings

- **Projected ISD: 6/1/2025**
- **Required ISD: 6/1/2025**
- **Estimated Cost: \$ 2.25 Million**



Cheswick Deactivation - 567.5 MW

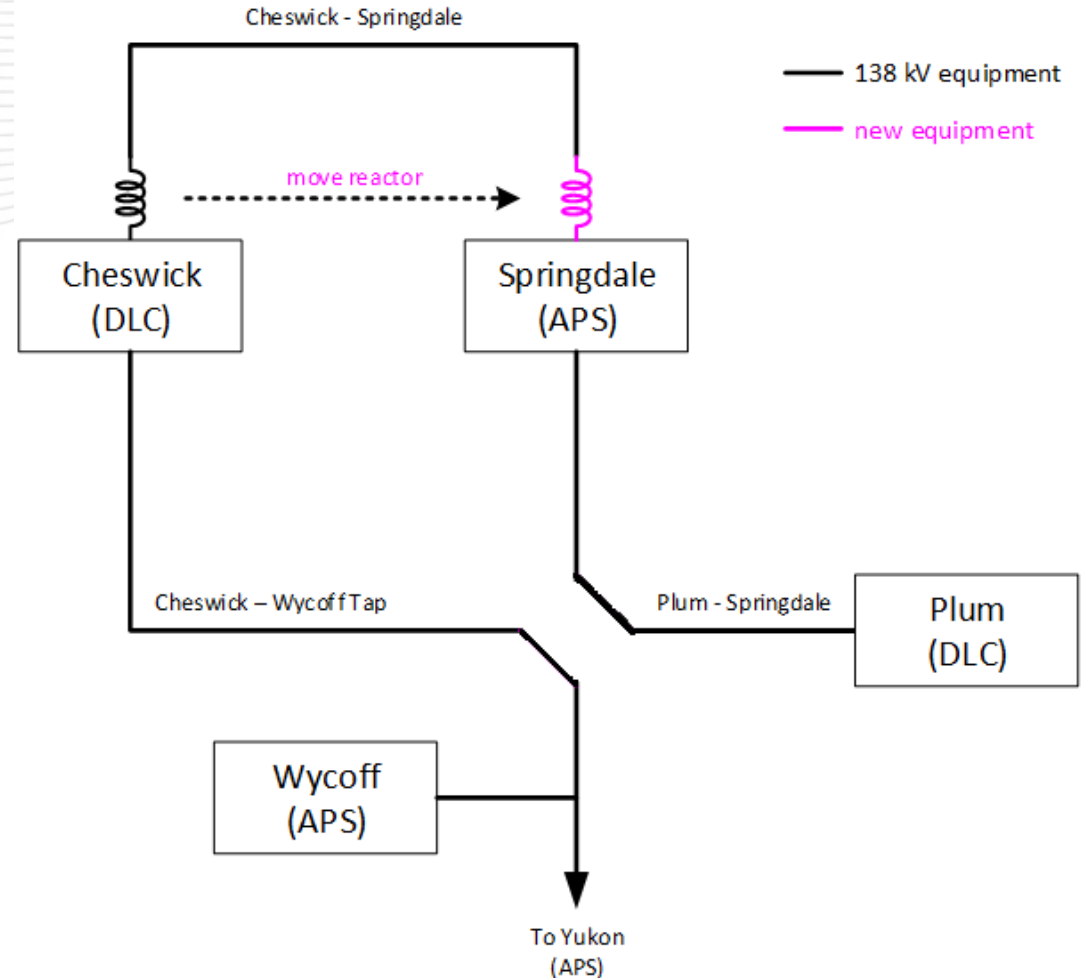
- The actual deactivation date was 03/31/2022.
- FE recently informed of the necessary work associated with the existing baseline projects with Duquesne Light.
- **Update: Series reactor from Cheswick (DLCO) will be relocated to Springdale (APS) due to insufficient space.**
 - DLCO - B3717.1:
 - Install a series reactor on Cheswick – Springdale 138 kV line.
 - DLCO - B3717.2:
 - Transmission Line Rearrangement: Replacement of four structures and reconductor DLCO portion of Plum – Springdale 138 kV line.
 - Associated communication and relay setting changes at Plum and Cheswick.
 - FE – B3713.3:
 - Relay work at Springdale.
 - FE – B3717.4:
 - Transmission Line work – a new transmission structure and necessary tower work to handle the change in tension at Cheswick.

Projected ISD: 06/01/2025

Estimated Cost: B3717.1 - \$7.36M, B3717.2: \$15M, B3717.3 - \$1M, B3717.4: \$2M

* Operating measures identified to mitigate reliability impacts in interim.

**



Facilitator:
David Souder,
David.Souder@pjm.com

Secretary:
Tarik Bensala,
Tarik.Bensala@pjm.com

SME:
Perry Ng,
PakKaiPerry.Ng@pjm.com

Generation Deactivation Notification



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com



Revision History

V1 – 08/31/23 – Original slides posted.