

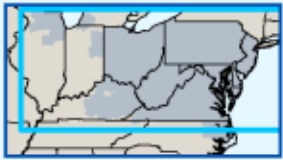
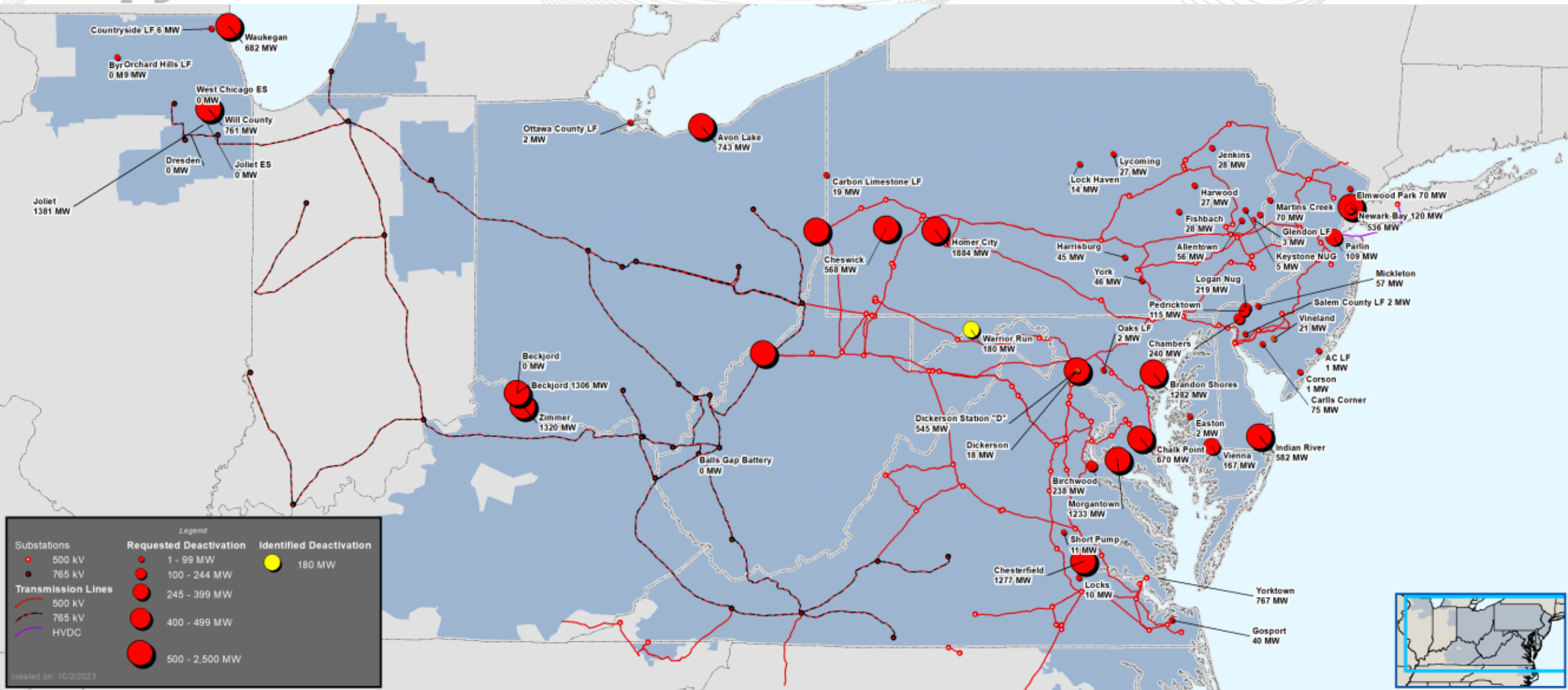


Generation Deactivation Notification Update

Transmission Expansion Advisory Committee
Oct 3rd, 2023



Generation Deactivation Announcements 2020-2023





Deactivation Status

| Unit(s) | MW | Transmission Zone | Requested Deactivation Date | PJM Reliability Status |
|-------------------|-----|-------------------|-----------------------------|-----------------------------------|
| Warrior Run Gen 1 | 180 | APS | 06/01/2024 | Reliability analysis in progress. |
| Trent BT1 | 4 | AEP | 01/01/2024 | Reliability analysis in progress. |

* 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.

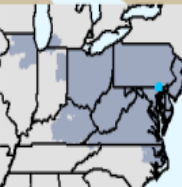
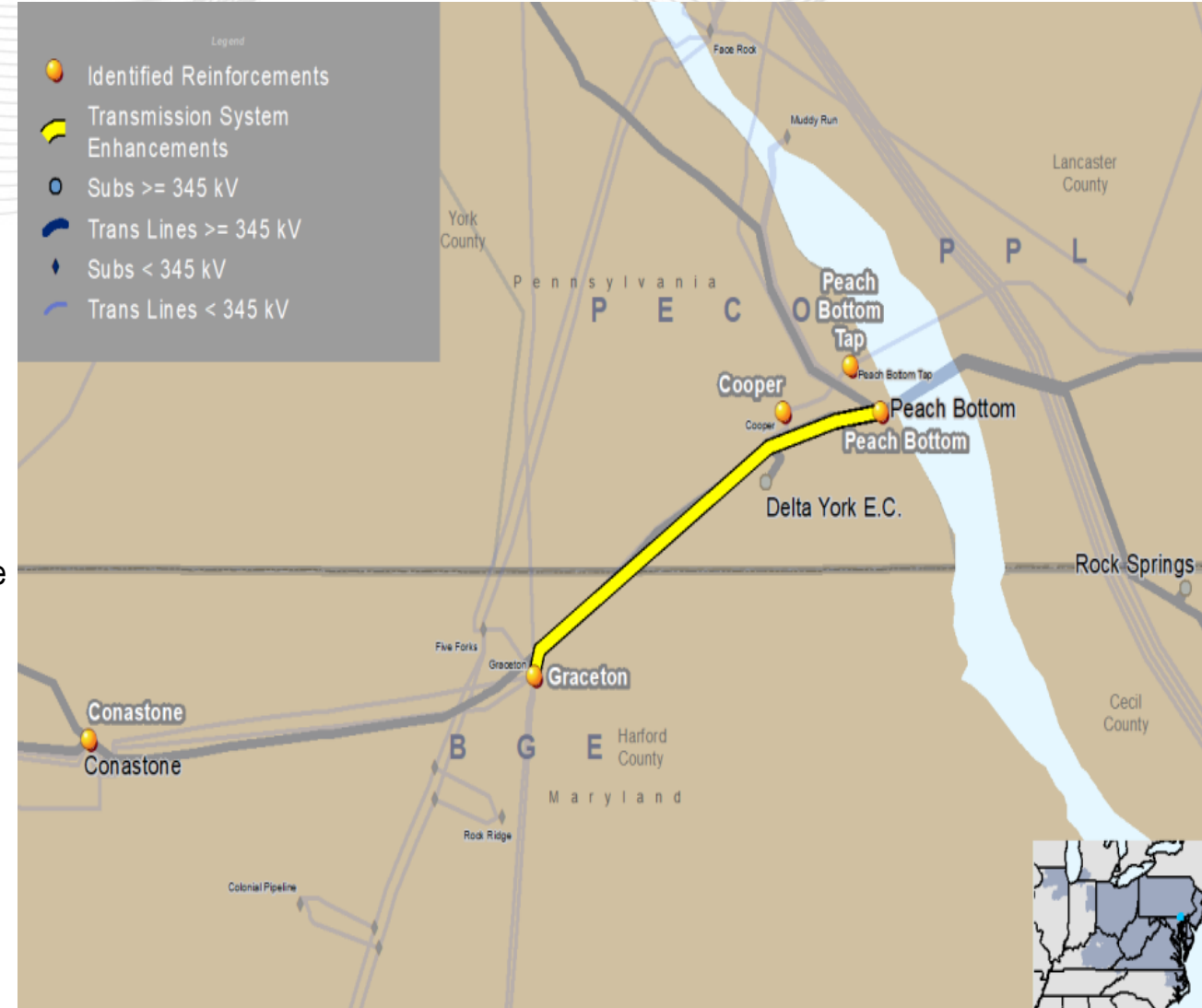
500kV Recommended Reinforcements

- BGE - B3780.10: Install New Conastone Capacitor
- **Projected ISD: 12/31/2027**
- PEPCO - B3780.12 : Burches Hill Capacitor
- **Projected ISD: 12/31/2027**

- PECO - B3780.1: Peach Bottom North Upgrades – substation work
- PECO - B3780.2: Peach Bottom to Graceton – New 500kV Transmission line
- PECO - B3780.3: West Cooper Substation expansion
- BGE - B3780.4 : Peach Bottom to Graceton (BGE) – New 500kV Transmission line
- BGE - B3780.8: Graceton 500kV expansion
- PEPCO - B3780.11 : Brighton Statcom and Capacitor

- **Projected ISD: 12/31/2028**
- **Required ISD: 6/1/2025**
- **Estimated Cost: \$333 Million**

* Operating measures are not available in interim.

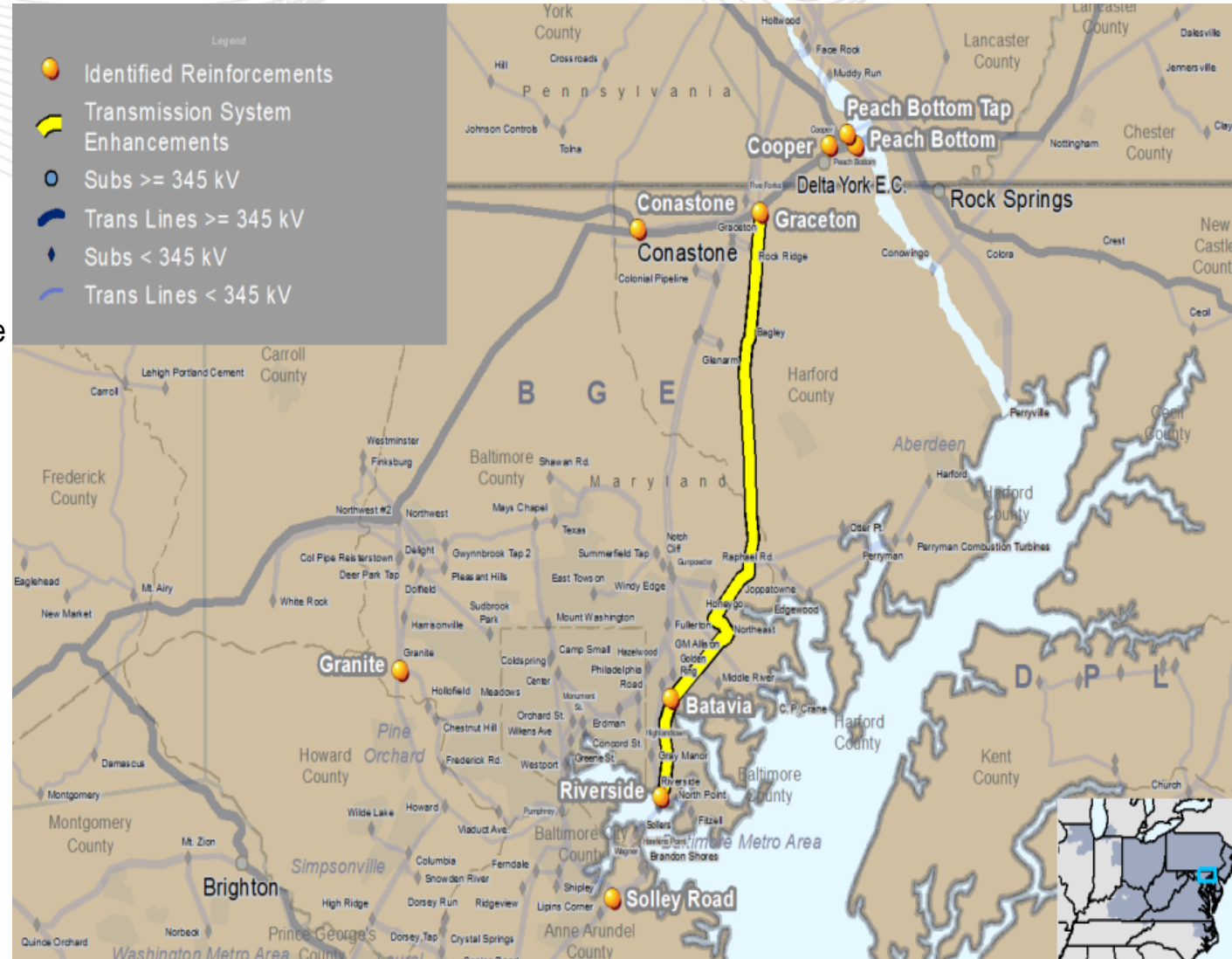




Reinforcements – BGE and APS Transmission Areas

230 kV Recommended Reinforcements

- BGE – B3780.13: Batavia Road to Riverside 230kV reconductor
Projected ISD: 12/31/2027
- BGE - B3780.5: Build Solley Road Substation + Statcom
- BGE - B3780.6: Build Granite Substation + Statcom
- BGE - B3780.7 : Build Batavia Road Substation
- BGE - B3780.9: Graceton to Batavia Road 230 kV Double Circuit Pole Line
- **Projected ISD: 12/31/2028**
- **Required ISD: 6/1/2025**
- **Estimated Cost: \$ 452 Million**
- *Operating measures are not available in interim.
- APS - B3781: Replace line drops to Doubs Transformer 3
- **Projected ISD: 12/31/2025**
- **Required ISD: 6/1/2025**
- **Estimated Cost: \$ 0.8 Million**



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Generation Deactivation Notification



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Revision History

V1 - 10/02/23 - Original slides posted.