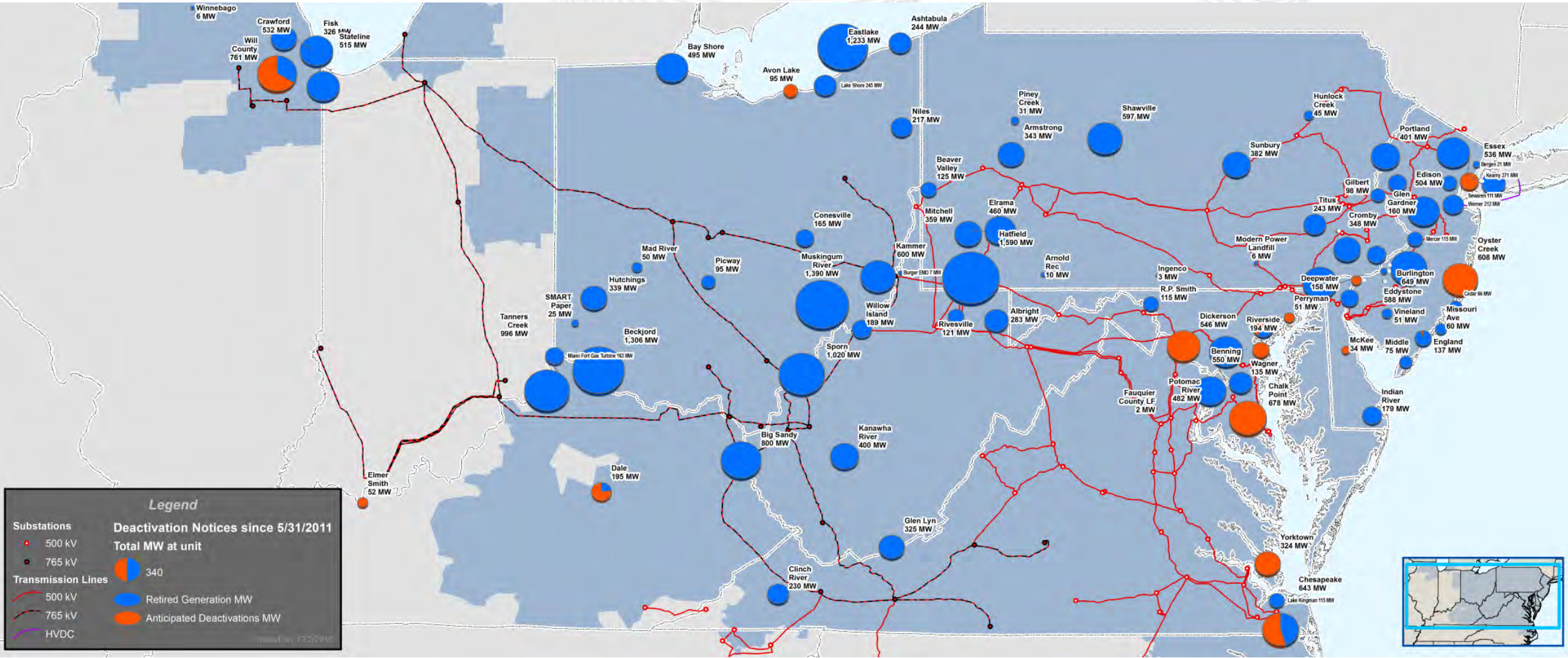




Generation Deactivation Notification Update

Transmission Expansion Advisory
Committee
February 11, 2016

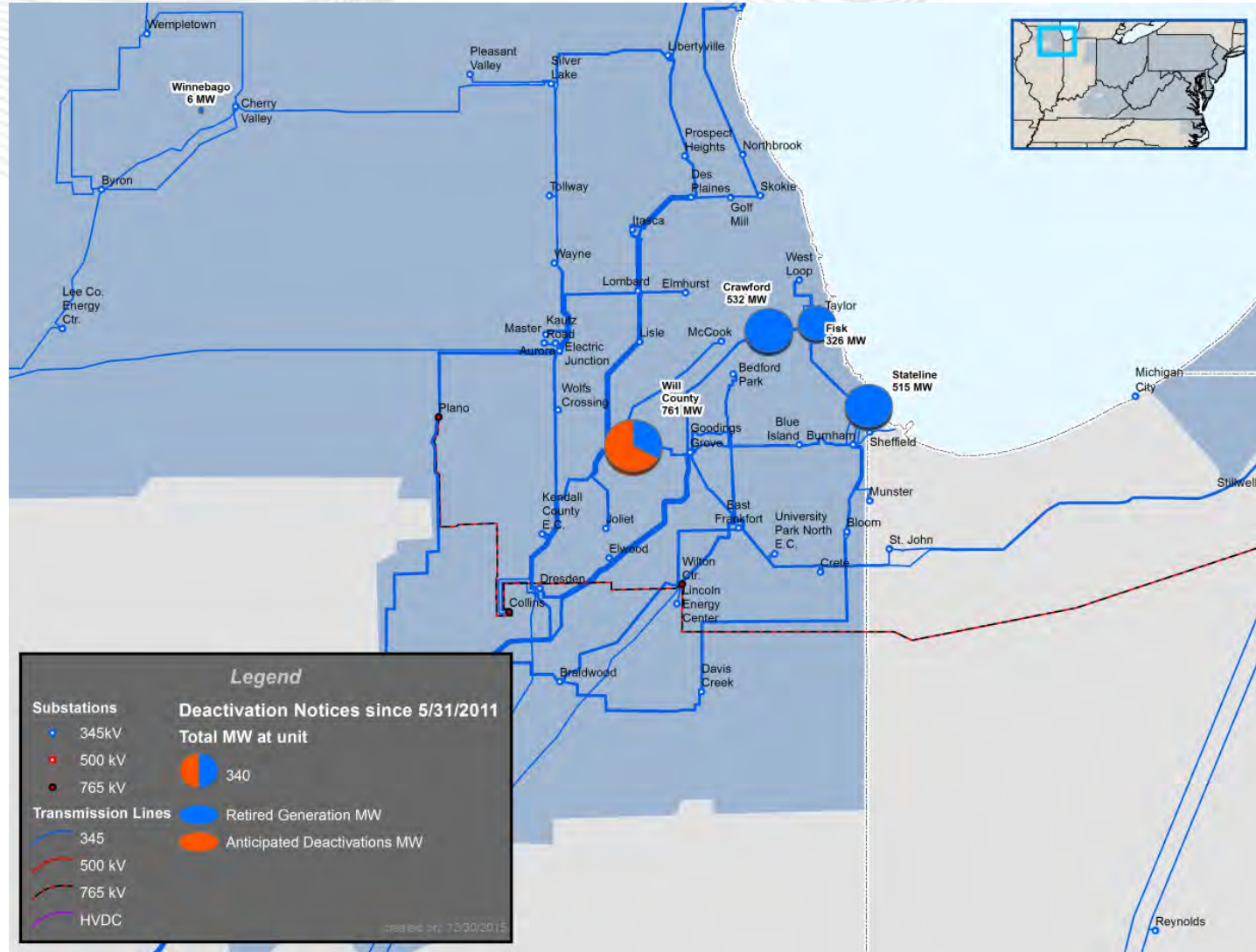




Deactivation Status

Unit(s)	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
Will County unit 4 (510 MW)	ComEd	05/31/2018	Reliability analysis complete. Impacts identified.

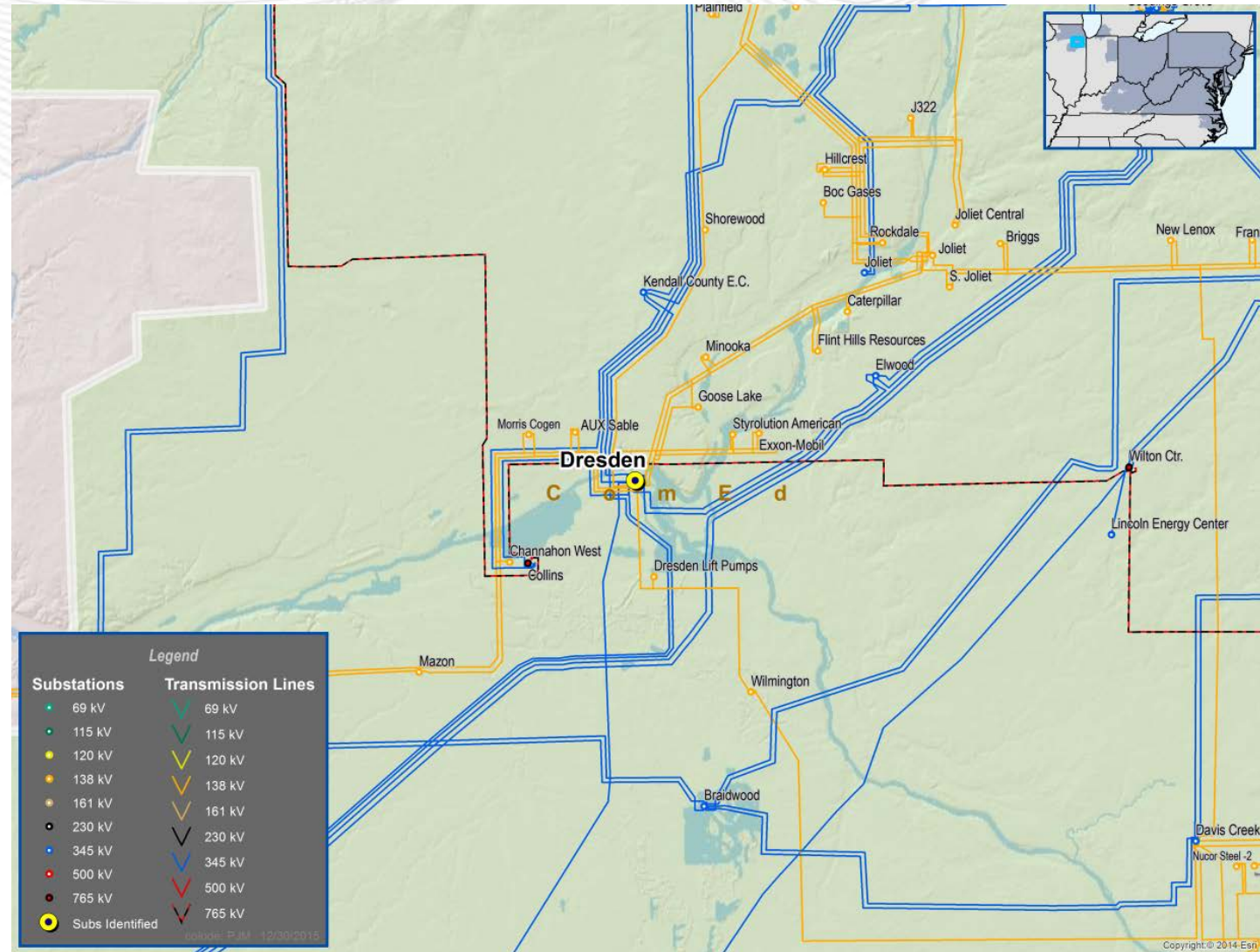
- Will County Unit 4
 - ComEd Transmission Zone
 - 510 MW
 - Deactivation date: 05/31/2018



ComEd Transmission Zone

- Common Mode Outage:
- Dresden 345/138 kV transformer 83 is overloaded for the line fault stuck breaker contingency loss of Dresden to Elwood 345 kV circuit and Elwood 345/18 kV transformers ('900-45-BT2-3').
- Immediate Need
 - Due to the timing of the need for the reinforcement an RTEP proposal window is infeasible
- Alternatives Considered
 - Due to the immediate need of the project no alternatives were considered
- New Baseline upgrade (B2732.1): Cut-in of line 93505 Tazewell-Kendall 345 kV line into Dresden
- Construction Designation
 - Due to the immediate need, the local Transmission Owner will be the Designated Entity
- Cost estimate: \$17 M
- Required IS Date: 06/01/2018
- Projected IS Date: 06/01/2019

Note: ComEd likely to try and complete the upgrade sooner. Possible operating step of opening Elwood bus tie 2-3 or generation re-dispatch to mitigate the overload in the interim.



- B2732.2 upgrade caused a new Common mode outage violation on Pontiac-Loretto 345 kV line (8012) for the line fault stuck breaker contingency loss of Pontiac-Dresden 345 kV line and Pontiac 345/138 kV transformer ('012-45-BT13-14').
- Immediate Need
 - Due to the timing of the need for the reinforcement an RTEP proposal window is infeasible
- Alternatives Considered
 - Due to the immediate need of the project no alternatives were considered
- New Baseline upgrade (B2732.2): Raise towers to remove the sag limitations.
- Construction Designation
 - Due to the immediate need, the local Transmission Owner will be the Designated Entity
- Cost estimate is \$3.4 M
- Required in-service date: 06/01/2018
- Projected in-service date: 6/15/2016
- New ratings: 1364/1528/1912 MVA

