

# Planning Update

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## Q2 2024 Deactivations

Unit(s)	MW	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
Elgin CT01, CT02, CT03 and CT04	483	ComEd	06/01/2025	Reliability analysis underway
Elwood CT1 – CT9	1350	ComEd	6/1/2025	Reliability analysis underway
Warrior Run 2 BT	5	APS	10/1/2024	Reliability analysis underway
Grand Ridge Energy IV Battery Component	4.5	ComEd	10/1/2024	Deactivation Request Resubmitted

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<sup>\*</sup> 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.



### Q3 2024 Deactivations

Unit(s)	MW	Transmission Zone	Owner Notification Date	Requested Deactivation Date	
Morris Road	2	PECO	7/15/2024	5/31/2025	
Morgantown CT 3 and 4	108	PEPCO	7/19/2024	6/1/2026	
Perryman Unit 1	54.9	BGE	7/20/2024	5/31/2025	
Waukegan CT 31 and 32	101.4	ComEd	7/22/2024	6/1/2026	
Indian River CT10	16.1	DPL	7/22/2024	6/1/2026	
Fisk CT 31-34	170.7	ComEd	7/22/2024	6/1/2026	

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Window opened on July 15 and will close on September 19

Targeting PJM Board approval by February 2025

- Overview:
  - Heavy flows from West to East driven by load increases in Dominion and eastern PJM
  - Near term reliability planning
  - 8-year case will be used to "right size" solutions



#### Need:

- AEP forecasted load growth in the Columbus, Ohio area.
- Thermal issues in PSEG around Hinchmans area require urgent action
- 500kV line #588 Fentress Yadkin End of Life (EOL) in Dominion
- Three clusters of solutions (total cost \$210.8 million)
  - Northern New Jersey (Cluster 1) \$84.6 million for PSEG
  - Central Ohio (Clusters 2, 3, and 5) \$33.73 million for AEP
  - Northwestern Ohio (Clusters 4 and 6) \$92.47 million for AEP
- Projects will go to PJM Board in August for approval



Scope and cost changes for the Doubs Corridor projects

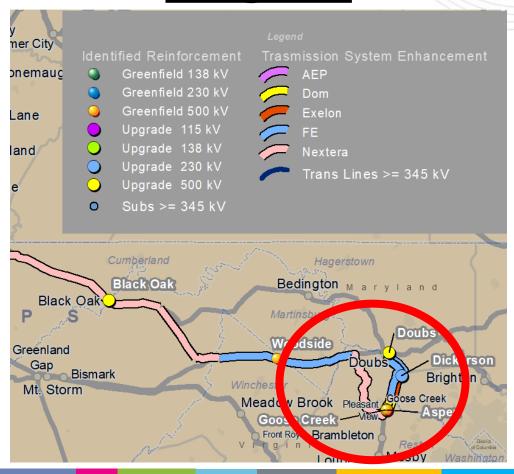
## Rationale presented at the TEAC

The line section from Woodside to Aspen will be rerouted from the originally proposed greenfield line route to an alternate route within existing transmission line rights of way along the Doubs Corridor containing the rebuilt Doubs – Goose Creek and the new Doubs – Aspen 500 kV lines. This reroute is the outcome of successful collaboration between NextEra and the incumbent Transmission Owners to determine the most feasible route and minimize area impact for the new Woodside to Aspen 500 kV line segment.

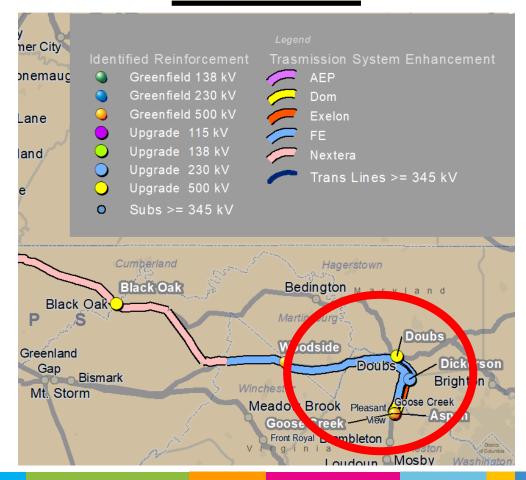
As part of this change, the new 500 kV line from Woodside will now terminate into Goose Creek substation due to space constraints within the Corridor and also to minimize unnecessary line crossings



# **Original**



# Revised





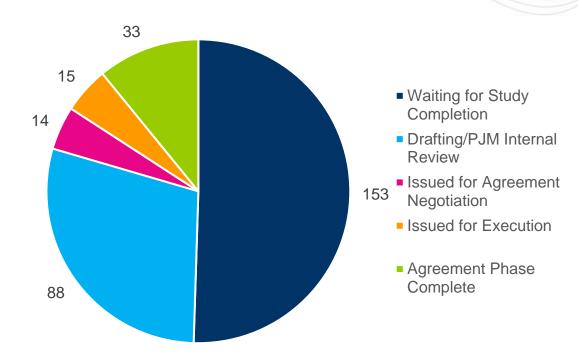
# 2022 RTEP Window 3

ТО	Scope	Change Status	Original Cost	New Cost	Cost Change
NextEra	B3800.119 – New 500 kV line – Woodside-Aspen	Cancel	\$71.72	\$0	- \$71.72
FE	B3800.105 – Rebuild 16 miles Millville- Doubs 138 with 500 kV overbuild	Revise	\$52.35	\$147.45	+ \$95.10
FE	B3800.128 – New 500 kV lin on the Millville-Doubs structures	New	\$0	\$13.20	+ \$13.20
FE	B3800.129 – New Woodside-Goose Creek 500 kV line	New	\$0	\$115.30	+ \$115.30
Dom	B3800.120 – Terminate line into Good Creek.	Revise	\$30.49	\$30.49	+ \$0
Dom	B3800.375 – New Goose Creek- Woodside 500 kV line	New	\$0	\$15.60	+ \$15.60
					+ \$167.48



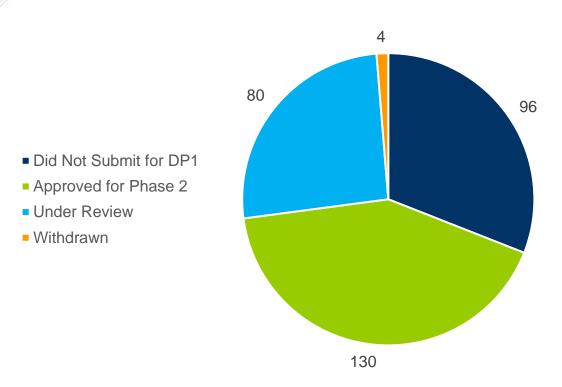
# Interconnection Update

#### **Expedited Process**



Projects in the Expedited Process will receive a Generator Interconnection Agreement (GIA) at the conclusion of studies. Developers will then begin the construction phase of their project.

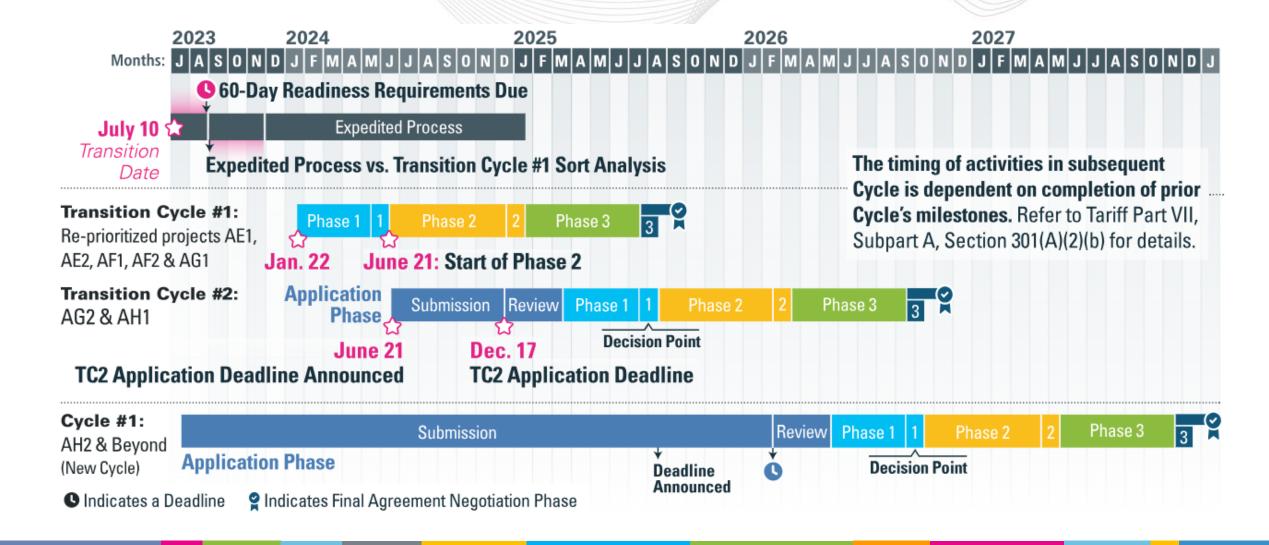
#### **Transition Cycle 1**



Projects that made submissions for Decision Point 1 (DP1) indicate their intent to proceed with interconnection studies. Phase 2 studies will begin after all submissions have been reviewed by PJM.



# Interconnection Update





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**July 2024 Planning Update** 



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