



Generation Deactivation Notification Update

Transmission Expansion Advisory Committee

May 6th, 2025





Q4 2024 Deactivation Status

Unit(s)	MW	Transmission Zone	Requested Deactivation Date	PJM Reliability Status
Laurel Mountain Battery	32	APS	7/1/2025	Reliability analysis – 2025 Q2
Rockport Unit 1	1380	AEP	12/31/2028	Reliability analysis – 2025 Q2
Rockport Unit 2	1300	AEP	12/31/2028	Reliability analysis – 2025 Q2
Willey Energy Storage	6	DEOK	9/1/2025	Reliability analysis – 2025 Q2
Buchanan Unit 1	40	AEP	7/1/2025	Reliability analysis – 2025 Q2
Buchanan Unit 2	40	AEP	7/1/2025	Reliability analysis – 2025 Q2
Ocean County LF	9.1	JCPL	7/1/2025	Reliability analysis – 2025 Q2
Forked River 1	34	JCPL	6/1/2027	Reliability analysis – 2025 Q2
Forked River 2	31	JCPL	6/1/2026	Reliability analysis – 2025 Q2
Rockford CT11	179	COMED	6/1/2026	Reliability analysis – 2025 Q2
Rockford CT12	178	COMED	6/1/2026	Reliability analysis – 2025 Q2
Rockford CT21	180	COMED	6/1/2027	Reliability analysis – 2025 Q2
Cumberland CT 1	79	AE	6/1/2027	Reliability analysis – 2025 Q2
Sherman Avenue CT1	79	AE	6/1/2027	Reliability analysis – 2025 Q2

* 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.

- April TEAC: Request for information on trends observed in recent unit deactivation withdrawals
- PJM reviewed data on deactivation withdrawals 3/2020→3/2025
 - 30 Units/8,610.3 MW
 - Fuel Type: 13 Oil, 8 Natural Gas, 6 Nuclear, 3 Coal
 - Majority of Deactivations planned for 6/1/XX.
 - Average age of planned then retracted unit retirement is over 40 years of operation
 - Deactivations by State: (14-IL, 7-MD, 3-PA, 2-WV, 2-VA, 1-NJ, 1-OH)

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Generation Deactivation Notification

A green speech bubble containing a white question mark, positioned above a blue speech bubble with three horizontal lines, indicating a question or contact point.

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Member Hotline

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History

V1 - 5/1/2025 - Original slides posted.