

2025 RTEP Assumption Updates

Transmission Expansion Advisory Committee

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- 2025 RTEP - Scenarios Considered
- 24 Month RTEP Update
- Deactivation Changes Considered

- 5 Year (2030) Analysis
 - Balance load with: Existing generation, GIA/ISA generation, Suspended ISA generation, Fast Lane Queue, CVOW and Chesterfield plants
 - Additional Queue generation to substitute the recent major deactivation
 - No consideration of a “targeted LOLE”
 - With and without potential delays to OSW in-service
- 7 Year (2032) Analysis
 - Balance load with: Existing generation, GIA/ISA generation, Suspended ISA generation, Fast Lane Queue, plus TC1 Queue and TC2 Queue (including RRI)
 - No consideration of a “targeted LOLE”
 - With and without potential delays to OSW in-service
 - Scenario to consider BESS capacity dispatched in basecase

- As part of the 24-month RTEP cycle, year 7 (2032) base cases will be developed and evaluated part of the 2025 RTEP
- The year 7 cases will be based on the 2030 cases that is developed part of the 2025 RTEP
 - Purpose: To identify and develop longer lead transmission upgrades and right size near-term upgrades with longer term needs.
- The year 7 will have one additional scenario representing long-term anticipated deactivations
- Energy only resources will be ramped only in IPD (Individual Plant Deliverability) – for both 7 and 5 year scenarios.

Deactivation Changes from 2024 RTEP

Additional Deactivation units currently considered in 2025 RTEP: Total 1384MW

Unit	Capacity (MW)	Trans Zone	State
CATES ROAD SOLAR	2.6	ACE	NJ
MANCHESTER (MRPC) NUG	4	JCPL	NJ
INDIAN RIVER 10	16.1	DPL	DE
MORRIS ROAD 1 D	2	PECO	PA
WARRIOR RUN 2 BT	5	APS	MD
ELWOOD CT 9	150	ComEd	IL
ELWOOD CT 8	150	ComEd	IL
ELWOOD CT 7	150	ComEd	IL
ELWOOD CT 6	150	ComEd	IL
ELWOOD CT 5	150	ComEd	IL
ELWOOD CT 4	150	ComEd	IL
ELWOOD CT 3	150	ComEd	IL
ELWOOD CT 2	150	ComEd	IL
ELWOOD CT 1	150	ComEd	IL
GRAND RIDGE 6 BT	4.5	ComEd	IL

Recent Major Deactivation units will be considered in 2025 RTEP: Total 3217MW

Unit	Capacity (MW)	Trans Zone	State
ROCKPORT 1	1380	AEP	IN
ROCKPORT 2	1300	AEP	IN
ROCKFORD CT 11	179	ComEd	IL
ROCKFORD CT 12	178	ComEd	IL
ROCKFORD CT 21	180	ComEd	IL

Deactivation Changes from 2024 RTEP

Added back to 2025 RTEP due to the withdrawal of deactivation: 1533MW

Unit	Capacity (MW)	Trans Zone	State
MORGANTOWN CT 4	54	PEPCO	MD
MORGANTOWN CT 3	54	PEPCO	MD
KENILWORTH NUG	15	PSEG	NJ
FISK CT 31	49.1	ComEd	IL
FISK CT 32	50.8	ComEd	IL
FISK CT 33	47.9	ComEd	IL
FISK CT 34	22.9	ComEd	IL
WAUKEGAN CT 32	48.9	ComEd	IL
WAUKEGAN CT 31	52.5	ComEd	IL
PERRYMAN 6	54.9	BGE	MD
ELGIN CT 4	121	ComEd	IL
ELGIN CT 3	120	ComEd	IL
ELGIN CT 2	121	ComEd	IL
ELGIN CT 1	121	ComEd	IL
SAYREVILLE C-4	48.5	JCPL	NJ
SAYREVILLE C-3	54.6	JCPL	NJ
SAYREVILLE C-2	56.7	JCPL	NJ
SAYREVILLE C-1	57.1	JCPL	NJ
MORGANTOWN CT 6	54	PEPCO	MD
MORGANTOWN CT 5	54	PEPCO	MD
MORGANTOWN CT 4	54	PEPCO	MD
MORGANTOWN CT 3	54	PEPCO	MD
VIENNA 10	14.3	DPL	MD
VIENNA 8	153	DPL	MD

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2025 RTEP Assumptions



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Version No.	Date	Description
1	3/26/2025	<ul style="list-style-type: none">• Original slides posted
2	3/31/2025	<ul style="list-style-type: none">• Added slides# 5 &6, updated slide #3
3	4/1/2025	<ul style="list-style-type: none">• Slide #5, corrected the total MW