



# 2025 RTEP Assumption Updates

Transmission Expansion Advisory Committee

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PJM Transmission Planning

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- 2025 RTEP - Scenarios Considered

- 5 Year (2030) Analysis
  - Scenario 1 (2030 Base case): Existing generation, GIA/ISA generation, Suspended ISA generation, Fast Lane Queue, CVOW and Chesterfield plants
  - Scenario 2: 2030 Base case + TC1 queue + Q1 deactivations + withdrawn queues + without NJ/DE OSW
- 7 Year (2032) Analysis
  - Scenario 3 (2032 Base case): Existing generation, GIA/ISA generation, Suspended ISA generation, Fast Lane Queue, TC1 queue, TC2 queue (with RRI), 7500MW NJ OSW, Q1 deactivations, withdrawn queues
  - Scenario 4: 2032 Base case + Removing NJ/DE OSW
  - Scenario 5: 2032 Base case + Policy deactivations (may be combined with Scenario 6)
  - Scenario 6: 2032 base case with Battery dispatched

A number of the 7-Year scenarios above will be evaluated by PJM internally

# Appendix - Deactivation Changes from 2024 RTEP

# 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 2380MW

| 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: 1425MW

| Unit            | Capacity (MW) | Trans Zone | State |
|-----------------|---------------|------------|-------|
| 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           | 5/1/2025 | <ul style="list-style-type: none"><li>• Original slides posted</li></ul> |
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