RTEP Update

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ISAC
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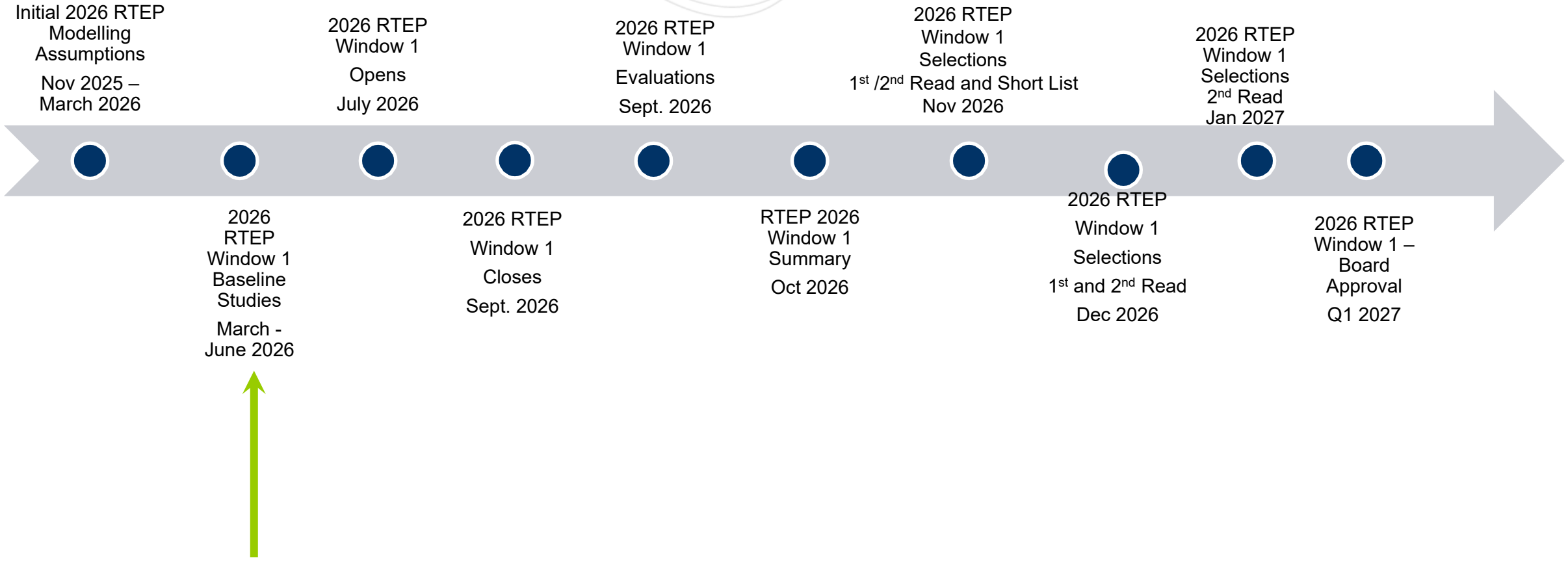
Current Planning Activity Update

2026 RTEP Window 1



2026 RTEP - Preliminary Problem Statement / Scope

- PJM 5-year analysis:
  - Except for potentially the PJM northwest corner, address smaller, regional needs within zones that are not Bulk-Transfer related.
  - Capture potential impacts of NJSAA OSW removal (Resources + Upgrades).
- PJM 8-year analysis/models:
  - CapEx Scenarios analysis and 8-year base models will provide insight to resource developers and new loads; and illustrate policy impacts on regional needs expected out of the CapEx scenarios.
- PJM is currently not expecting that there will be any 8-year based needs part of the 2026 RTEP.
  - Analysis/models will be provided for informational purposes only.

Interconnection Queue (2020-Present)

Responsibility shifts
from PJM to developers

Total Interconnection Requests:

324 GW

Withdrawn: 175 GW

Studies Completed & Agreement Tendered:

119 GW

Withdrawn: 16 GW

Completed Interconnection Agreement Phase:

103 GW

Remain to be Studied:

30 GW

In Service Today:	23 GW
Construction In Progress:	45 GW
Construction Paused:	8 GW
Agreements Withdrawn:	27 GW

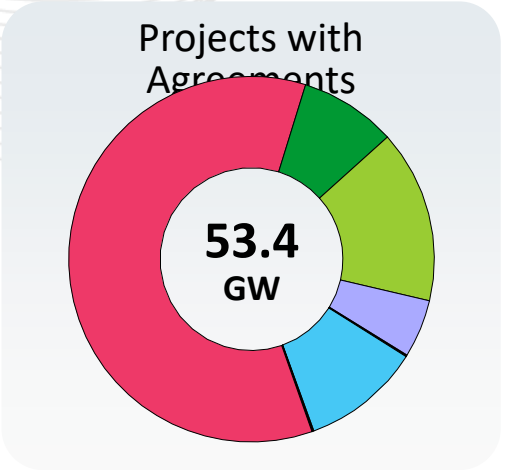
As of March 31, 2026

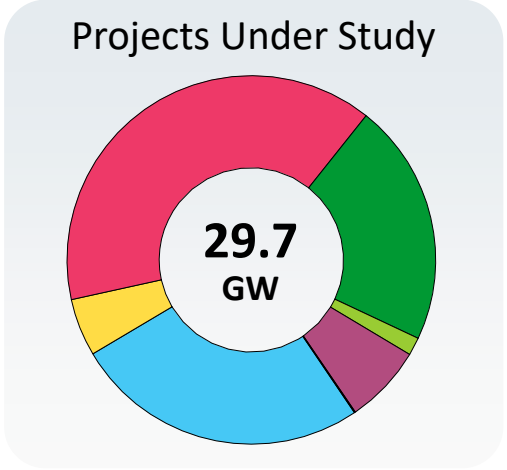
Interconnection Queue Today

Project Count:

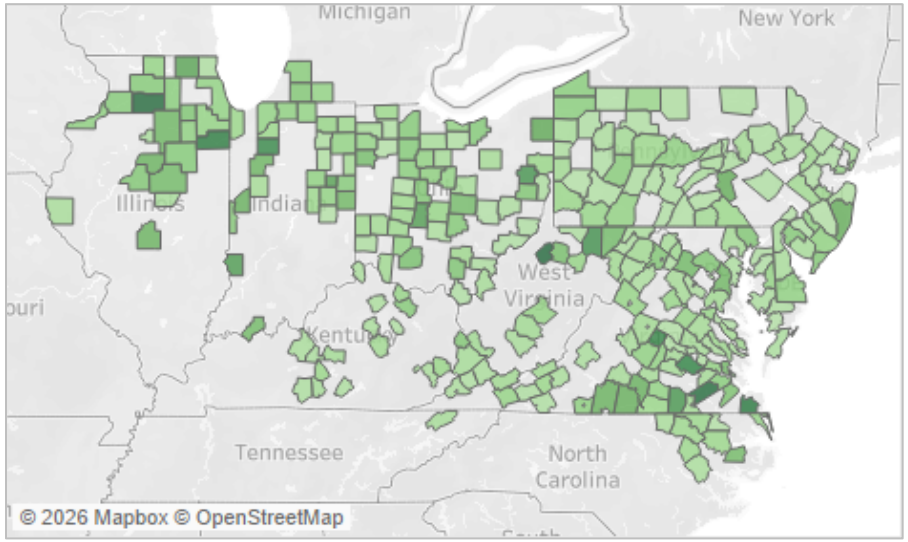
Fuel	Agreements	Studies
Coal	1	1
Natural gas	16	36
Nuclear	1	5
Hydro	1	-
Solar	353	145
Storage	64	57
Wind	33	4
Hybrid	28	20
Other	1	2
Total	**498**	**270**

MW Breakdown:





- Coal
- Natural Gas
- Nuclear
- Hydro
- Solar
- Storage
- Wind
- Hybrid
- Other



Breakdown by State County:

10+ MW

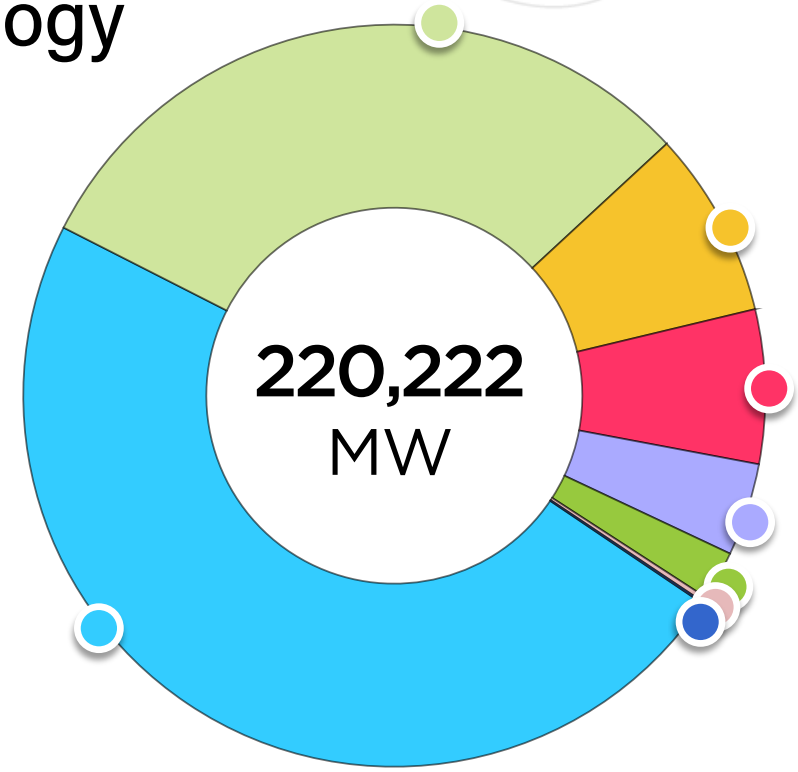
2,000+ MW

As of March 31, 2026

Cycle 1 Submissions by Fuel/Technology Type (MWE)

811
Generation Interconnection Submissions

As of April 28, 2026



	No. of Units:
Natural Gas, 105,797 MW *Includes single and dual fuel*	157
Storage, 67,465 MW	349
Nuclear, 17,906 MW	27
Solar, 14,781 MW	142
Solar/Storage, 8,890 MW	45
Wind, 4,726 MW	65
Hydro, 151 MW	11
Other, 506 MW *Biomass, Coal, Methane, Fusion*	15

Queue Resources

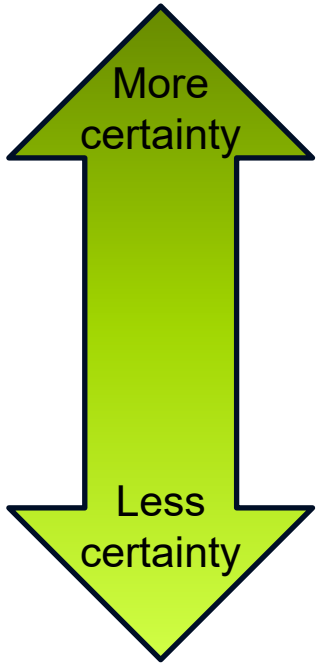
- Serial Service Request Status (link)
- Cycle Service Request Status (link)
- State level overview of the queue (link)

Planning Assumptions

Generation and Load Assumptions

- Load assumptions drawn from the annual load forecasting activities

- Generation assumptions drawn from several sources



  - Currently operating units
  - Market commitments
  - Units under construction with ISA, GIA, or WMPA
  - Projects with recently signed GIA or WMPA
  - Projects in the queue
  - Capacity expansion

Planning Horizons

- PJM utilizes various timeframes to identified needs early and reassess often as conditions changes
  - 5 year: Near term horizon. Focus of annual competitive windows. Ensures sufficient time after project selection to construct most transmission projects.
  - 7 and 8 year: Long term horizon. Provides an early opportunity to identify larger scope projects that may be needed or geographic areas of concerns to watch in near term windows.
  - 9+ years: Long term horizon. Provides broader view to see trends or areas of concern.

Timeline for Planning Efforts

- Planning cycles overlap by design
- Provides opportunities to update assumptions as information changes