Interconnection Process Training

February 25, 2026

Tariff Structure

Parts IV and VI	Sunset language that no longer applies
Part VII	Transition rules to Cycle approach
Part VIII	New Cycle rules ☆
Part IX	All interconnection-related agreements

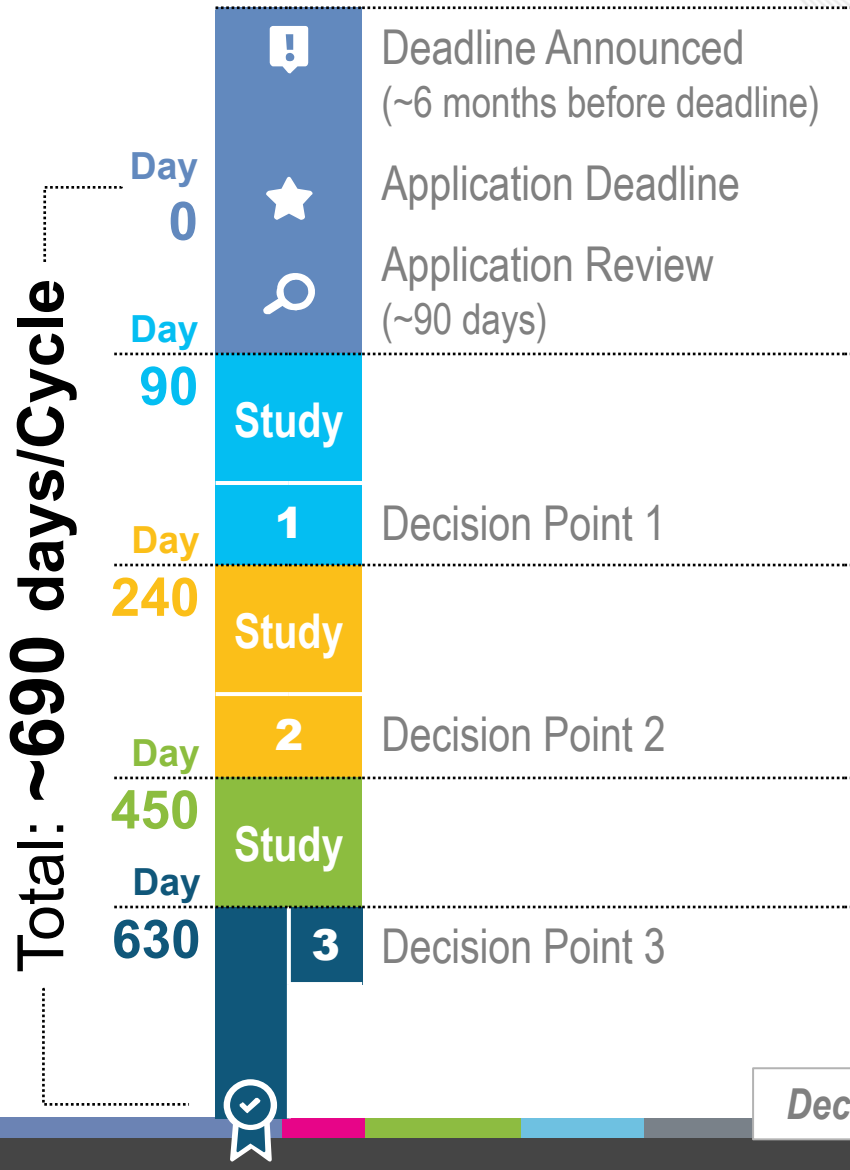
New Process Highlights

Component	Previous Serial Process	New Process
Priority	First come – first served Priority defined by queue Subsequent queues not “gated” by completion of prior queues.	First ready – first served Priority defined by Cycle Subsequent Cycles “gated” by completion of phases in prior Cycles.
Application	Different applications for each request type Att. N, Y, BB – Generation Interconnection Att. S – Transmission Interconnection Att. PP – Long-Term Firm Transmission Service	Single application (Application and Studies Agreement) for all request types.
Study Phase	Feasibility, System Impact, Facilities Study phases	Phase 1, Phase 2 and Phase 3 System Impact studies
Deposits	Study Deposit at each study phase	Study Deposit with initial application only
Readiness Deposit	No Readiness Deposit	Readiness Deposit prior to each study phase Phase 1 = $4,000/MW Phase 2 = 10% of Network Upgrade costs Phase 3 = 20% of Network Upgrade costs

New Process Highlights

Component	Previous Serial Process	New Process
Site Control	Verified at queue entry only	Verified at entry as well as Decision Points 1 and 3
Modifications	Modifications allowed at all study phases.	Modifications allowed at Decision Points 1 and 2 only.
Point of Interconnection	Two Points of Interconnection allowed.	Single Point of Interconnection only
Cost Allocation	Network Upgrade costs can be shared with subsequent queues.	Network Upgrade costs are only shared within a single Cycle.
Service Agreements	• Interconnection Service Agreement (ISA) and Construction Service Agreement (CSA) are issued separately for each interconnection project. • Interim ISA (IISA) can be initiated any time after the Feasibility Study phase.	• Generation Interconnection Agreement (GIA) is issued, which includes interconnection construction terms and conditions. • IISA renamed to Engineering and Procurement Agreement (EPA). EPA can only be requested in Phase 3.

New Process Overview



Application Phase

- Review applications collected
- Build models

Phase 1 (~120 days)

- Run initial load flow analysis to determine Cycle upgrades
- Determine planning-level costs to interconnect

Phase 2 (~180 days)

- First retool
- Short circuit
- Stability
- Interconnection Facilities Study

Phase 3 (~180 days)

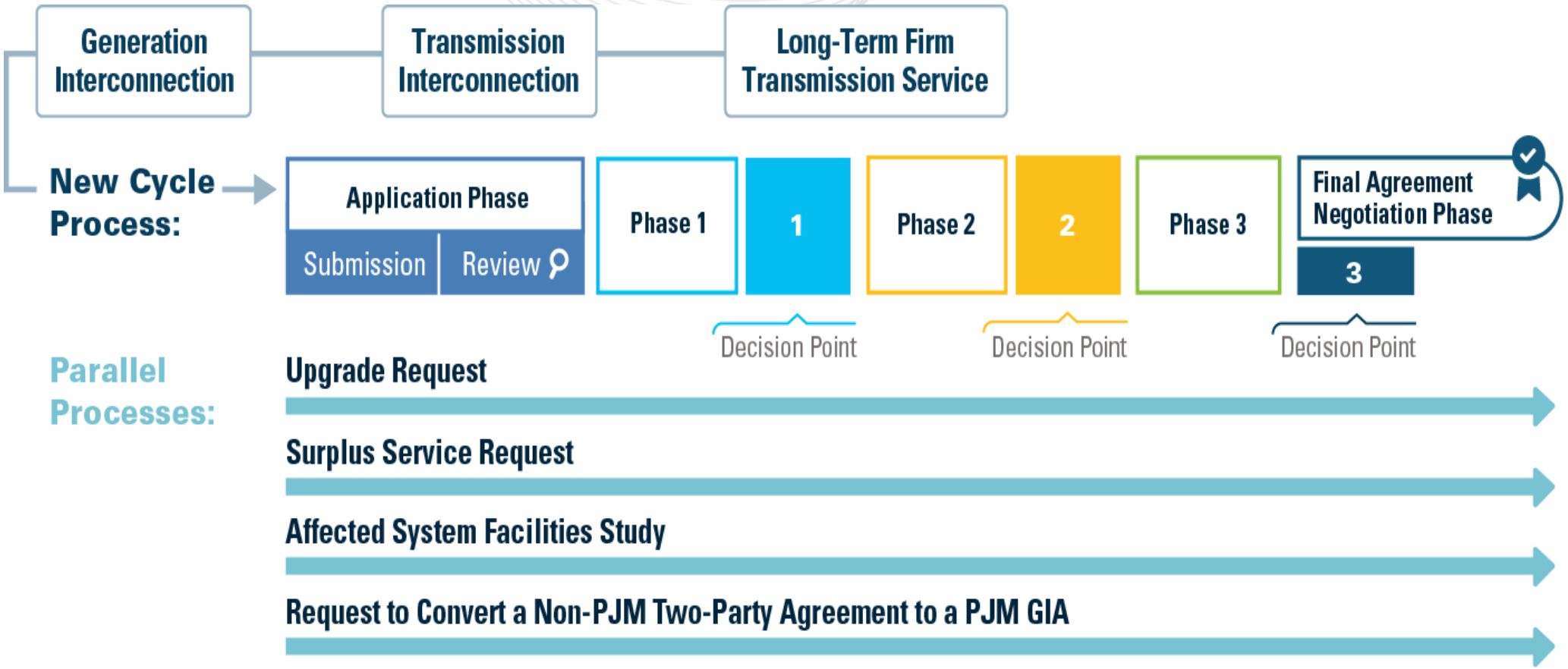
- Final retool
- System Upgrades Facilities Study

Final Agreement Phase (~60 days)

- Negotiate Final Agreement
- Determine final cost allocation

Decision Points = 30 days to (i) submit requirements and modify per Tariff or (ii) withdraw

Service Request Types



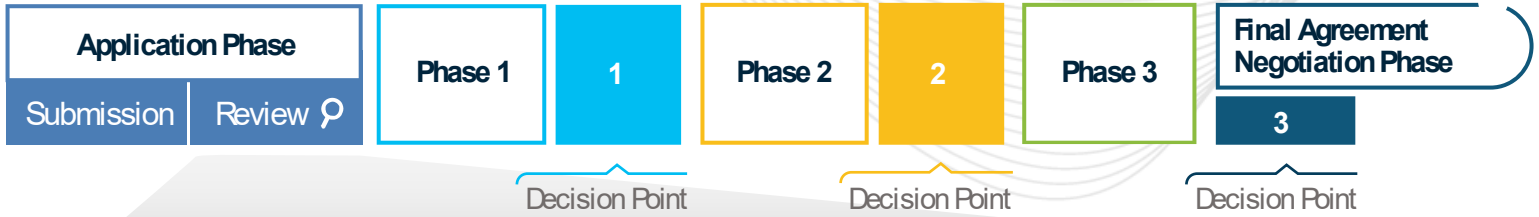
Previous Applications/Agreements

	Customer Type	Application	Agreements
Generator 20 MW or Less	Generation Interconnection Customer	Attn N, Y, BB	ISA, IISA, ICSA, WMPA
Generation Over 20 MW		Attn N	ISA, IISA, ICSA, WMPA
Customer-Owned Merchant Transmission	Transmission Interconnection Customer	Attn S	ISA, ISCA, UCSA
Customer-Funded Upgrade to Transmission	Upgrade Customer	Attn EE	UCSA
IARR Request		Attn EE	UCSA
Transmission Service	Eligible Customer	Attn PP	UCSA, TSA, NITSA

Generator Interconnection Request Requirements

Requirements			
ASA	**Specify project location and provide site plan**	**If new request: MFO/CIR**	**In-service date**
Location of POI and name of line to be tapped or existing substation *(including voltage, distances to endpoint of line, and GPS)*	**Is application new facility, increase in capability of an existing unit, or replacement of an existing facility?**	**If increase of existing: existing MFO/CIR and requested increases**	**If storage:** 1) Is project grid charging? 2) Primary frequency response operating range 3) MWh stockpile 4) Hour class
Evidence of Site Control	**Is request a Qualifying Facility?**	**One-line diagram**	**If multi-fuel, detailed description of physical and electrical configuration**
Energy only or capacity	**Is request sharing Interconnection Facilities?**	**Fuel, or for multi-fuel: fuel types**	**Additional relevant information**

Application Review Phase



PJM Initial Application Review	Developers respond to application deficiencies.	PJM final application review	Hold kickoff calls.	Complete model updates and post base case.

90 days

Application Review Phase

Begins at Close of Application Deadline	Greater of 90 days or the amount of time it takes to complete all review activities	PJM will review applications received for completeness via a deficiency review.	Valid projects will be given identifier CYY-XXXX.
		• PJM uses reasonable efforts to inform developer of deficiencies within 15 Business Days. • Applicant has **10 Business Days** to respond. • PJM uses reasonable efforts to review developer response within 15 Business Days to validate or reject application.	• YY is the Cycle identifier; XXXX is the project number in that Cycle.

New process was designed to mitigate negative effects of withdrawals on Network Upgrades funding.

Readiness Deposits 

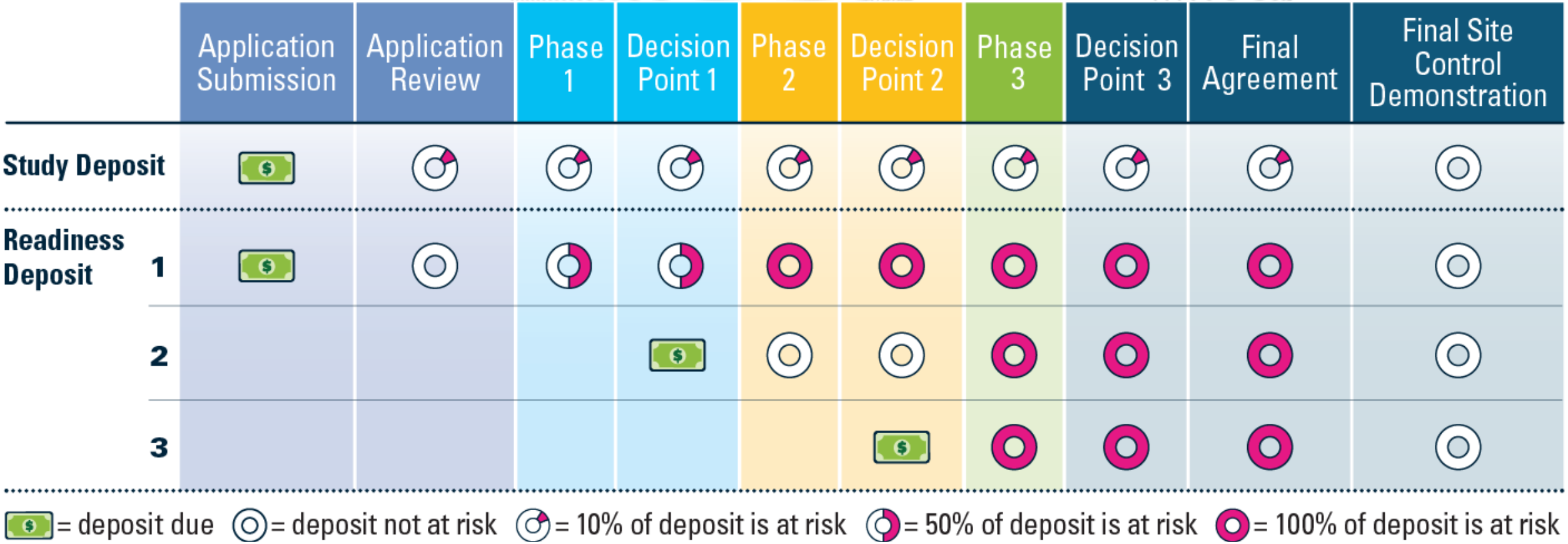
Are funds committed based upon project size and where applicable, contribution to Network Upgrades.

- They will be collected at three stages during the Cycle and can be applied toward underfunded Network Upgrades.
- They will be applied to underfunded Network Upgrades on a pro-rata share of funds missing from the cost allocation.

Readiness Deposits (RD) 

RD1 is equal to:	**RD2** is equal to:	**RD3** is equal to:
$4,000 per MW (greater of MFO and CIR)	**10%** of cost allocation toward required Network Upgrades ***minus*** RD1	**20%** of cost allocation toward required Network Upgrades ***minus*** (RD1+RD2)

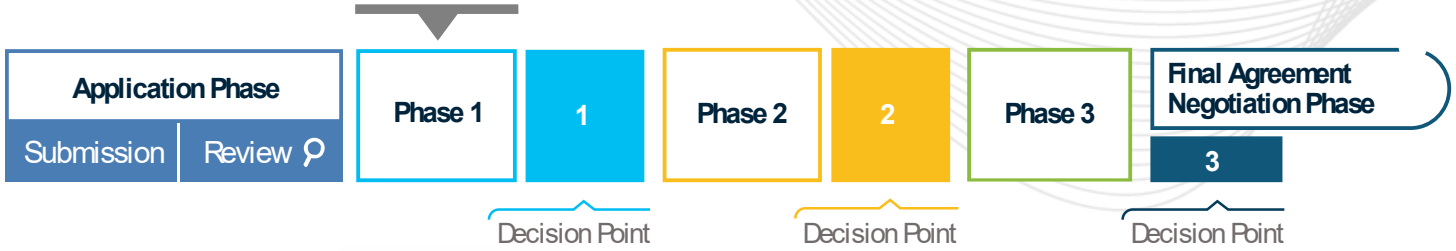
Deposit Timeline



Note: Notwithstanding the diagram above, for Project Developers and Eligible Customers in Transition Cycle No. 1

1. Readiness Deposit No. 1 is not at risk prior to the close of Decision Point 1.
2. Readiness Deposit No. 1 is 100% at risk after the close of Decision Point 1.

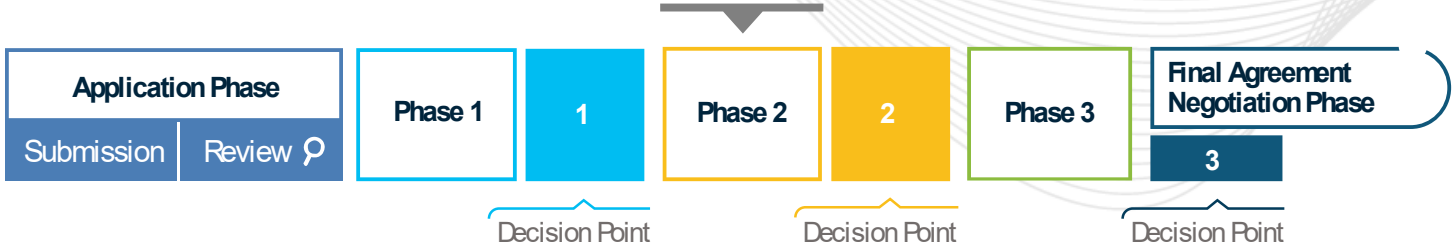
Phase 1 Activities



ANALYSIS ACTIVITIES	CASE DEVELOPMENT ACTIVITIES	TO ACTIVITIES
• Summer Peak, Light Load, Winter Peak (Future) • Special studies (Load Deliv, N-1-1 Analysis) • Affected system operator screening	• Short circuit • Stability case and scope of work development	• TO analysis • Review PJM analysis results and provide desk-side estimates for reinforcements. • Provide desk-side estimates for Interconnection Facilities.

Decision Point 1

Phase 2 Activities



ANALYSIS ACTIVITIES

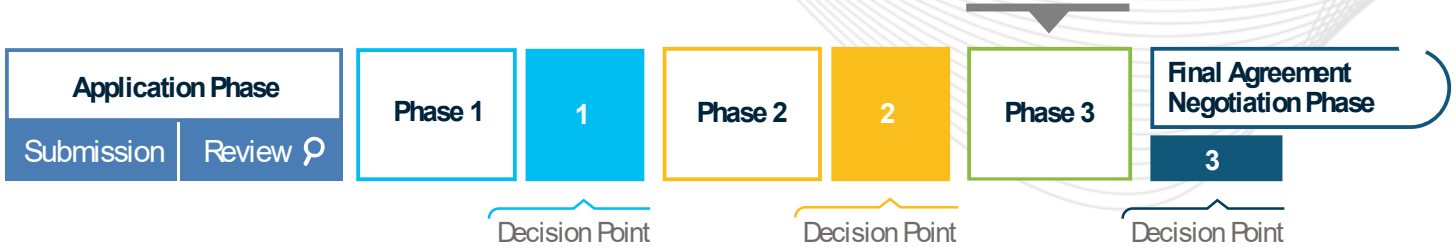
- **Test Topology Type Reinforcements**
- **Summer Peak, Light Load, Winter Peak** (Future) with Decision Point 1 changes
- **Short Circuit**
- **Stability and Reactive Power Assessment**.
- **Special Studies** (Load Deliv, N-1-1 Analysis) with Decision Point 1 changes
- **Special Studies** (Voltage analysis)
- **Affected System Operator Analysis**

TO ACTIVITIES

- **TO Analysis** with Decision Point 1 changes
- **Review PJM Analysis Results** and provide desk-side estimates for reinforcements
- **Provide Facility-Level Estimates** for Interconnection Facilities

Decision Point 2

Phase 3 Activities



ANALYSIS ACTIVITIES

- **Test Topology Type Reinforcements**
- **Summer Peak, Light Load, Winter Peak (Future) Retool** with Decision Point 2 changes
- **Short Circuit** with Decision Point 2 changes
- **Stability and Reactive Power Assessment** with Decision Point 2 changes
- **Special Studies** (Load Deliv, N-1-1 Analysis, Voltage Analysis) with Decision Point 2 changes
- **Affected System Operator Analysis** with Decision Point 2 changes

TO ACTIVITIES

- **TO Analysis** with Decision Point 2 changes
- **Review PJM Analysis Results** and provide facility-level estimates for reinforcements
- **Provide Facility-Level Estimates** for Interconnection Facilities

Decision Point 3

Final Agreements

Final Agreement Types

1	**Generator Interconnection Agreement (GIA)** Replaces ISA/ICSA
2	**Wholesale Market Participation Agreement (WMPA)** Now a Tariff document
3	**Upgrade Construction Agreement (UCSA)** For upgrade customers looking to upgrade transmission facilities
4	**Network Upgrade Cost Responsibility Agreement (NUCRA)** Common use upgrades for two more developers
5	**Construction Service Agreement (CSA)** Covers affected TO work

Generation Interconnection Agreement (GIA)

GIA

Replaces Interconnection Service Agreement (ISA) and Interconnection Construction Service Agreement ICSA
(Construction terms are in Schedule L)

Used for Generation Facility and Merchant Transmission Facility

Very similar structure and content to ISA

Network Upgrade Cost Responsibility Agreement

Defines cost allocation, scope and schedule for Common Use Upgrades	No security provided as part of NUCRA Each developer provides security per GIA
Between two or more PDs and PJM	Same execution rules as GIA

One NUCRA for each set of Common Use Upgrades

- Per group of developers
- Per Transmission Owner

Current Cycle Status

Keeping Our Schedule Commitments

Cycle Timeline

As of 12.3.2025 3:01 p.m. EPT

Interconnection Cycle Study Timeline

	Transition Cycle 1			Transition Cycle 2			Cycle 01		
Phase	Start Date	End Date	Duration	Start Date	End Date	Duration	Start Date	End Date	Duration
Fast Lane End Date executed by Developer & TO OR filed unexecuted	12/15/2023	4/18/2025							
Application Deadline	N/A	N/A	N/A	12/17/2024	12/17/2024	0	4/27/2026	4/27/2026	0
Application Review	N/A	N/A	N/A	12/18/2024	7/6/2025	201	4/28/2026	7/27/2026	91
Model Posting	2/1/2024	2/1/2024	0	6/6/2025	6/6/2025	0	6/26/2026	6/26/2026	0
Phase I	1/22/2024	5/20/2024	120	7/7/2025	10/31/2025	117	7/28/2026	11/24/2026	120
Decision Point I	5/21/2024	6/20/2024	31	11/3/2025	12/2/2025	30	11/25/2026	12/24/2026	30
Phase II	6/21/2024	12/20/2024	183	12/3/2025	6/1/2026	181	1/28/2027	7/26/2027	180
Decision Point II	12/23/2024	1/21/2025	30	6/2/2026	7/1/2026	30	7/27/2027	8/25/2027	30
Phase III	4/21/2025	9/19/2025	152	7/2/2026	12/28/2026	180	8/26/2027	2/22/2028	181
Decision Point III	9/22/2025	10/21/2025	30	12/29/2026	1/27/2027	30	2/23/2028	3/23/2028	30
Final Agreement Negotiation	9/22/2025	11/20/2025	60	12/29/2026	2/26/2027	60	2/23/2028	4/24/2028	62

Notes:

- ***Transition Cycle #2 Phase 3*** start date is dependent on Transition Cycle #1 GIAs executed or filed unexecuted
- ***Cycle #1 Phase 1*** start date is dependent on Transition Cycle #2 DP2 close, Cycle #1 Review completion and Cycle #1 Model being posted for 30 days
- ***Cycle #1 Phase 2*** start date is dependent on Transition Cycle #2 DP3 close
- ***Cycle #1 Phase 3*** start date is dependent on Transition Cycle #2 GIAs executed or filed unexecuted

Legend

Actual date

Projected date

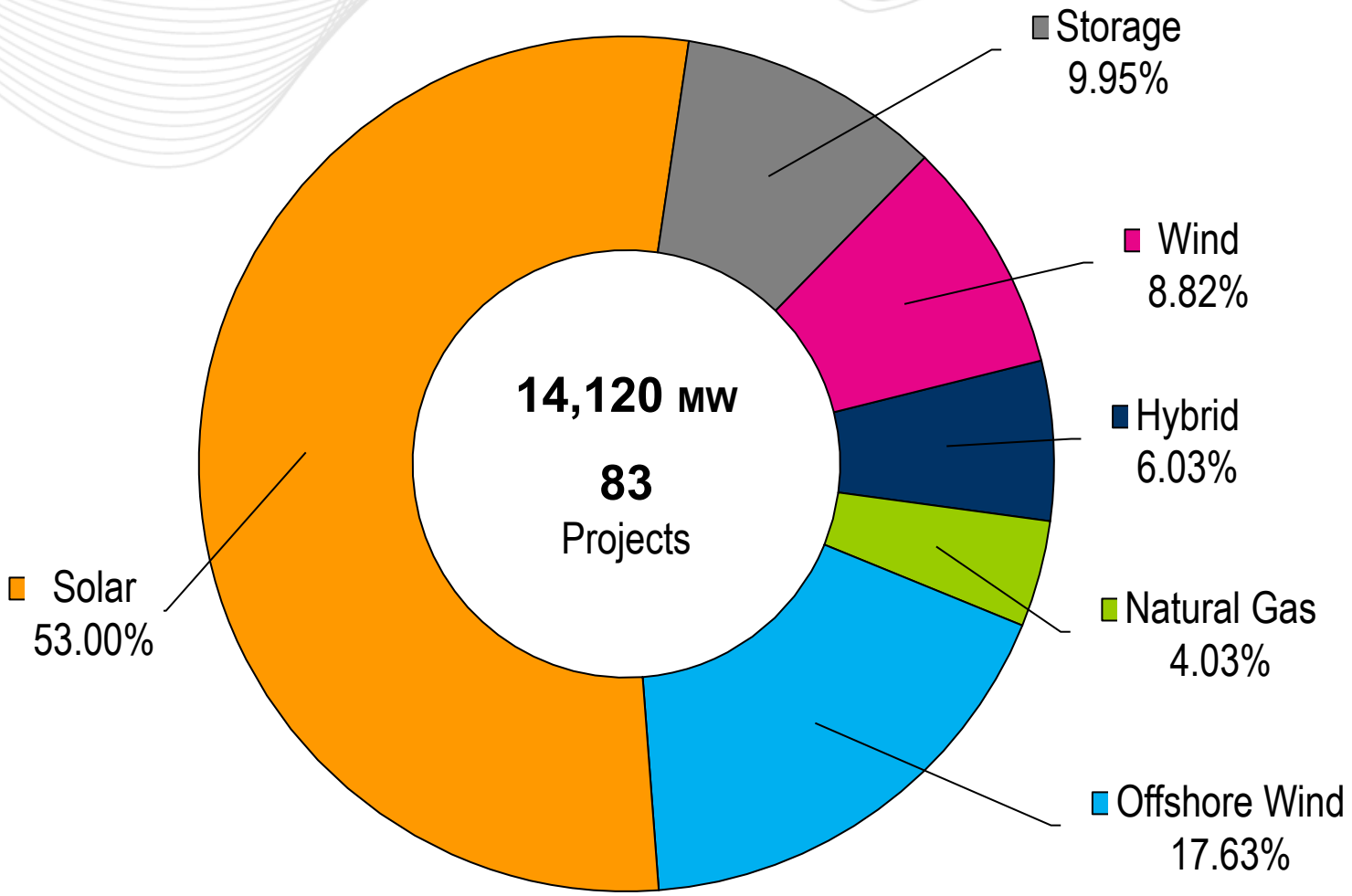
Makeup of Active PJM Generation Interconnection Requests Transition Cycle 1 (MWE)

As of February 24, 2026

76 projects executed their final agreement and in EP status.

7 projects filed final agreement unexecuted and in active status.

83 projects total in Transition Cycle 1.



Makeup of Active PJM Generation Interconnection Requests Transition Cycle 2 (MWE)

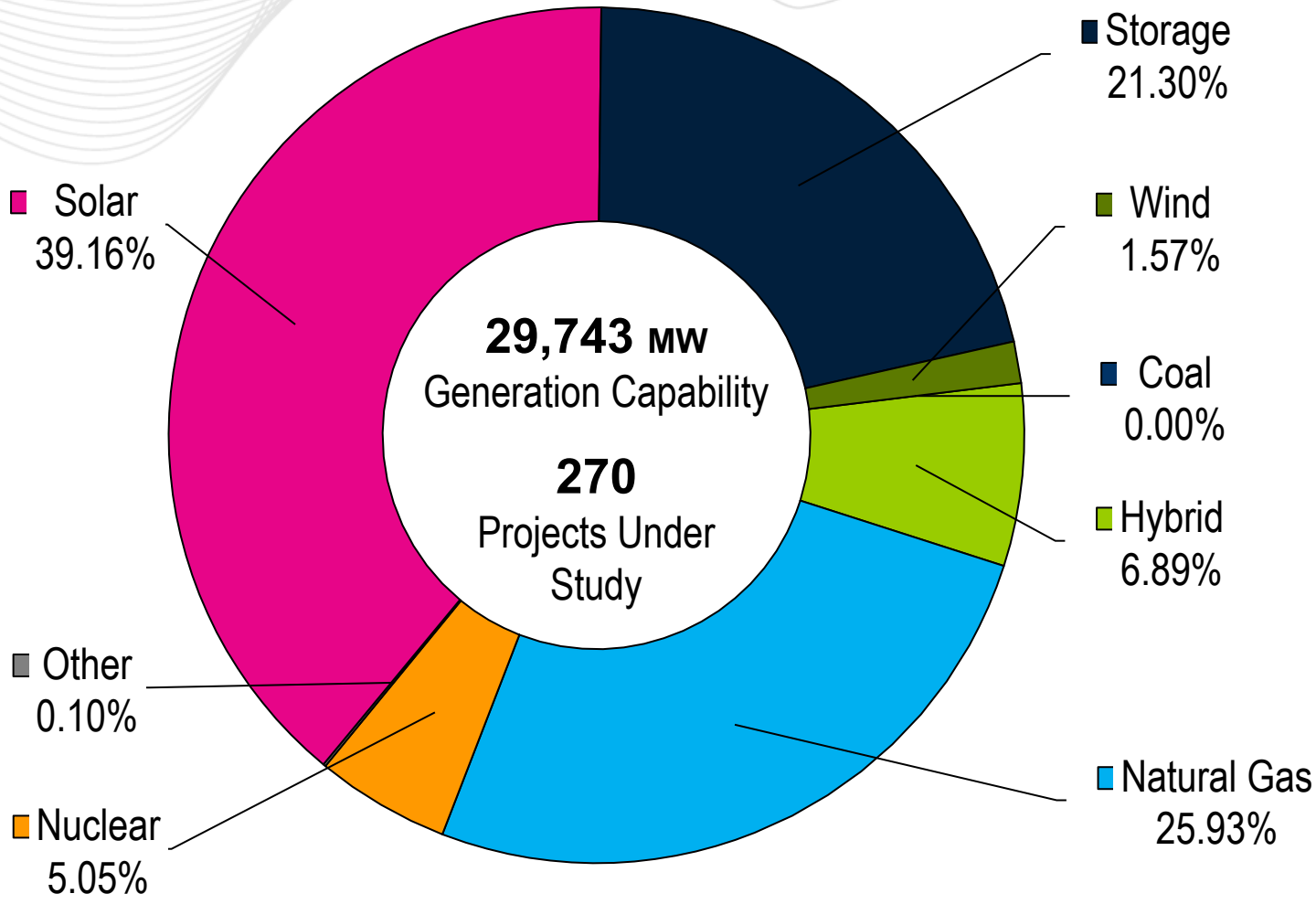
As of February 24, 2026

450 projects studied in TC2 Phase I.

172 projects withdrew during TC2 DP1.

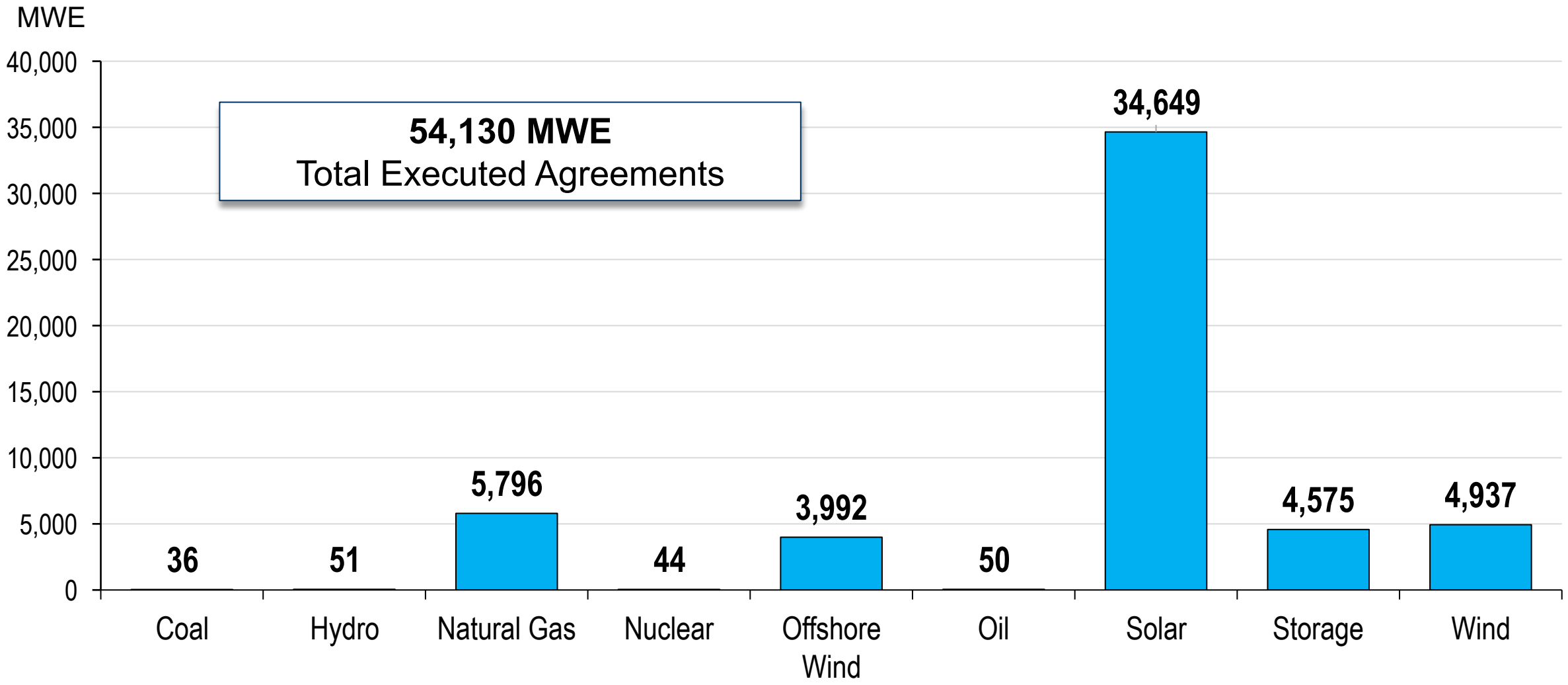
8 projects were accelerated to the Final Agreement Phase.

270 projects currently under study in TC2 Phase II.



Executed Agreements by Fuel Type

As of February 24, 2026



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