

New Generation Inclusion Screening: 2027-2028 IRM Preliminary Base Case

Dominic Riendeau-Krause

NYISO

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Methodology

- **New generation screening for the 2027-2028 Installed Reserve Margin (IRM) study Preliminary Base Case (PBC) considers the following data sources:**
 - 2026 Load & Capacity Data report or "Gold Book" (2026 Table IV-1) [1]
 - Interconnection Queue (IQ) (NYISO Interconnection Queue as of 3/31/2026)
 - Including the 2024 Transition Cluster Study projects
 - Input from NYISO Customer Registration
 - Most recent Short-Term Assessment of Reliability (STAR) or Reliability Needs Assessment (RNA) [2,3]
- **The following screening criteria are then applied to create a list of units to consider for modeling in the 2027-2028 IRM study.**
 1. Gold Book – Obtained or in process of obtaining Capacity Resource Interconnection Service (CRIS)
 2. IQ/Cluster Projects – Status ≥ 11 (accepted interconnection agreement) and proposed commercial operations date (COD) prior to June 1st of study year (6/1/2027 for the 2027-2028 IRM study)
 3. New generators included in RNA/STAR
 4. Customer registration in progress or completed
- **A list of potential new generators that satisfy the screening criteria will be presented to the NYSRC Installed Capacity Subcommittee (ICS)**

[1] [2026 Goldbook](#) (Table IV)

[2] [2026 Q1 STAR Report](#) (Fig. 36, 37)


[3] [2026 RNA Preliminary Generator Inclusions](#) (Slide 15)


Past Inclusions Review


Of the 18 projects included across the past four IRM studies:

- 16 entered during the studied Capability Year with 10 entering service prior to June 1st
- Two projects became capacity suppliers without being included in the study. Both were previously energy suppliers, who subsequently got awarded CRIS via Expedited Deliverability Studies (EDS).

Included In	New Project Name	Unit Type	Zone	SP (MW)	WP (MW)	In-Service by 6/1 of Study Year?	Notes
2023-2024 IRM Study	Eight Point Wind Energy Center	Wind	C	101.8	101.8	Y	In-Service Date: 2/8/2023
	Baron Winds (Phase 1)	Wind	C	121.8	121.8	Y	In-Service Date: 2/7/2023
	Number 3 Wind Energy	Wind	E	103.9	103.9	N	In-Service Date: 7/1/2023
	KCE NY 6	Energy Storage	A	20.0	20.0	N	In-Service Date: 7/1/2023
	Ball Hill Wind	Wind	A	100.0	100.0	N	In-Service Date: 2/1/2024
	Bluestone Wind	Wind	E	111.8	111.8	N	In-Service Date: 2/1/2024
2024-2025 IRM Study	Albany County	Solar	F	20.0	20.0	Y	In-Service Date: 2/15/2024
	Albany County II	Solar	F	20.0	20.0	Y	In-Service Date: 2/15/2024
	East Point Solar	Solar	F	50.0	50.0	Y	In-Service Date: 4/25/2024
	South Fork Wind Farm	Wind	K	96	96	N	In-Service Date: 7/16/2024
	South Fork Wind Farm II	Wind	K	40	40	N	In-Service Date: 7/16/2024
2025-2026 IRM Study	High River Solar	Solar	F	90	90	Y	In-Service Date: 7/3/2024
	Morris Ridge Solar Energy Center	Solar	C	79.8	79.8	Y	In-Service Date: 9/19/2024
2026-2027 IRM Study	Arthur Kill Energy Storage 1	Energy Storage	J	15	15	N	Proposed In-Service Date: 12/2026
	Pomona ESR	Energy Storage	G	3	3	Y	In-Service Date: 7/7/2023
	Baron Winds (Phase 2)	Wind	C	238.8	238.8	Y	In-Service Date: 5/25/2026
	Steel Wind	Wind	A	20	20	Y	In-Service Date: 1/23/2007
	Erie Wind	Wind	A	15	15	Y	In-Service Date: 1/2/2012
	Orangeville ESR	Energy Storage	C	10	10	Y	In-Service Date: 10/19/2021

 Study Included & Met 6/1

 Study Included, Missed 6/1

 Not Included in Study, Met 6/1 [1]

[1] New Generation Inclusion Screening: 2026-2027 IRM FBC (Slide 4)

Recommendations

- After reviewing potential new generation projects, the NYISO recommends including the following projects for the 2027-2028 IRM PBC.

	New Project Name	Unit Type	Zone	Summer Capacity (MW)	Winter Capacity (MW)
2027-2028 IRM PBC	Alle Catt II Wind	Wind	A	339	339
	Excelsior Energy Center	Solar	B	280	280
	Cider Solar	Solar	B	500	500
	Astoria Energy Storage	Energy Storage	J	100	100
	Orangeville ESR	Energy Storage	C	10	10

- New energy-limited resources (including energy storage) are modeled with an hour beginning (HB) 14 output limitation, consistent with the 2026-2027 IRM study assumptions.
- Energy storage and duration limited resources will be modeled based upon information received on their customer registration and confidential duration elections
 - August 1, 2026 is the timeline for election submission for 2027-2028 Capability Year
- Refer to the supplemental resource screening document posted with this presentation for more information on units that were reviewed.
- NYISO will continue to monitor project advancement and conduct new generation inclusion screening again for the 2027-2028 IRM Final Base Case (FBC).

Sunrise Wind and Empire Wind

- **The NYISO recommends not including Sunrise and Empire wind in the 2027-2028 IRM PBC, based on the following factors.**
 - Both Sunrise and Empire wind have proposed CODs after June 1, 2027
 - Additionally, recent federal actions underscore ongoing project uncertainty.
- **The NYISO will continue to monitor project development to reassess the recommendation during the FBC.**

Next Steps

- **The NYISO will proceed with the 2027-2028 IRM PBC parametric study with new generation inclusion assumptions approved by the ICS.**
- **The NYISO will conduct new generation screening and provide updated recommendations during the 2027-2028 IRM FBC.**
- **Continue to monitor the status of the Sunrise Wind and Empire Wind projects.**

Questions?

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Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation

