New York ISO
Independent System Operator

New Generation Inclusion Screening: *2026-2027 IRM Final Base Case*

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ICS Meeting #308

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Agenda

- Methodology
- Past Inclusions Review
- Recommendations
- Next Steps

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Methodology

- **The screening for new generators for 2026–2027 Installed Reserve Margin (IRM) study final base case (FBC) considers data from the following sources:**
  1. 2025 Load & Capacity Data report or "Gold Book" (2025 Table IV-1)
  2. Interconnection Queue (IQ) (NYISO Interconnection Queue as of 8/31/2025 (Published 9/11/2025)
  3. Input from NYISO Customer Registration
  4. Most Recent Short-Term Assessment of Reliability (STAR) or Reliability Needs Assessment (RNA)
     1. The Q3 STAR report is not expected to be released until October 14, 2025. The NYISO proceeded with the FBC new generator screening using the Q2 STAR.
- **Same screening criteria are applied as those used in previous study cycles:**

1. Gold Book - Completed or in progress of obtaining Capacity Resource Interconnection Service (CRIS)

2. IQ – IQ status ≥ 11; proposed commercial operations date (COD) prior to June 1st of study year (6/1/2026 for the 2026-2027 IRM study)

3. New generators in RNA/STAR; proposed COD prior to 1st June of study year (6/1/2026 for the 2026-2027 IRM study)

4. Customer registration in progress or completed

- **List of new generators that satisfy the screening criteria will be presented to the NYSRC Installed Capacity Subcommittee (ICS)**

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Past Inclusions Review

Included in	New Project Name	Fuel	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 Turbines	K	96.0	96.0	Y	In-Service Date: 07/16/2024
	South Fork Wind Farm II	Wind Turbines	K	40.0	40.0	Y	In-Service Date: 07/16/2024
2025-2026 IRM Study	High River Solar	Solar	F	90	90	Y	In-Service Date: 7/03/2024
	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		Proposed In-Service Date: 9/2025
Preliminary Base Case	Pomona ESR	Energy Storage	G	3	3	Y	In-Service Date: 7/7/2023

- **15 new projects were included in the past three IRM studies**
  - 4 new projects added to the 2023-2024 IRM study ultimately did not achieve the June 1st COD criteria (see orange shaded cells above)
  - 2 new projects added to the 2024-2025 IRM study ultimately did not achieve the June 1st COD criteria (see blue shaded cells above)
- **One project was missed for the new generator screenings in the past three IRM studies (see purple shaded cells above)**
  - This project (Pomona ESR) and the Arthur Kill Energy Storage 1 project were included in the 2026-2027 IRM study model based on the results of the screening assessment for the 2026-2027 IRM Preliminary Base Case (PBC) presented at the June 4, 2025 ICS meeting

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Recommendations

- **After reviewing potential new generation projects, the NYISO recommends including the following 4 projects for the 2026-2027 IRM FBC**
  - Baron Winds (Phase 2) is scheduled to be online before 6/1/2026 and has commenced discussions with NYISO customer registration to register for participation in the ICAP market.
  - Steel and Erie Wind projects each received CRIS as part of the Class Year 2023 study process and have completed the registration process for ICAP market participation.
  - Cassadaga Wind has commenced the process for the ICAP market participation with NYISO customer registration.
- **Please refer to the supplementary file titled "2026-2027 IRM FBC - New Generator Inclusion Screening 10012025 ICS" posted with this presentation for more information on units that were reviewed further for the 2026-2027 IRM FBC**

New Project Name	UNIT TYPE	Zone	Summer Capacity (MW)	Winter Capacity (MW)
Baron Winds (Phase 2)[1,2]	Wind	C	238.8	238.8
Steel Wind[2]	Wind	A	20	20
Erie Wind[2]	Wind	A	15	15
Cassadaga Wind[2]	Wind	A	126.5	126.5
Arthur Kill Energy Storage 1[3]	Energy Storage	J	15	15
Pomona ESR[3]	Energy Storage	G	3	3

[1] Phase 1 and 2 of Baron Winds will have a combined summer and winter capacity of 300 MW
[2] Proposed new generators for inclusion in the 2026-2027 IRM FBC
[3] Included as a result of the new generator screening for the 2026-2027 IRM PBC

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DER Inclusion Guidelines

- **For the 2026-2027 IRM FBC, the NYISO recommends including Distributed Energy Resources (DERs) that have been submitted for enrollment to date as well as certain resources participating in the Demand Side Ancillary Services Program (DSASP) that are currently working to complete transition to the DER participation model**
  - To submit a Resource for enrollment, Aggregators must provide utility bills, one-line diagrams, and other supporting documentation
  - The Day-Ahead Demand Response Program (DADRP) and DSASP will sunset on October 31, 2025
- **For future years, the NYISO recommends including DER in the FBC that have been submitted for enrollment prior to the presentation of final SCR and DER value assumptions at an ICS meeting in September of each study year**

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2026-2027 IRM FBC: Recommended SCR and DER Assumption Values

- SCR ICAP Values

Capacity Region	Recommended Final SCR Max Modeled Capacity (MW)	SCR Max Modeled Capacity (MW) Presented at 9/3/25 ICS #307
A-E	239.2	357.6
F	78.3	78.3
G-I	61.7	61.7
J	330.3	330.3
K	17.4	17.4

- DER Aggregation ICAP Values

Capacity Region	Recommended DER Aggregation ICAP (MW)	DER Aggregation ICAP (MW) Presented at 9/3/25 ICS #307	Technology Type
A-E	480.4	361.4	Demand Side Resource (DSR)
F	0	0	-
G-I	0.1	0	Demand Side Resource (DSR)
J	0	0	-
K	0	0	-

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Next Steps

- The NYISO will implement any approved recommendations, as determined by the ICS, for the 2026-2027 IRM FBC

Our Mission and Vision

Mission

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

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Questions?

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