New York ISO
Independent System Operator

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

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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 preliminary base case (PBC) 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 4/30/2025 (Published 5/13/2025)
  3. Input from NYISO Customer Registration
  4. Most Recent Short-Term Assessment of Reliability (STAR) or Reliability Needs Assessment (RNA) (see Q2 2025 STAR assumptions)
     - https://www.nyiso.com/documents/20142/51270164/10_2025%20Q2%20STAR%20Key%20Study%20Assumptions_vFinal.pdf

- **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
	Pomona ESR	Energy Storage	G	3	3	Y	In-Service Date: 7/7/2023

- **13 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 red 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)**
  - The project was not included due to no progress with customer registration and proposed Commercial Operation Date not being available at the time of screening

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Recommendations

- After reviewing potential new generation projects, the NYISO recommends including the following 2 projects for the 2026-2027 IRM PBC

New Project Name	UNIT TYPE	Zone	Summer Capacity (MW)	Winter Capacity (MW)
Arthur Kill Energy Storage 1	Energy Storage	J	15	15
Pomona ESR	Energy Storage	G	3	3

- New energy limited resources will be modeled in accordance with the current output limitation window of hour beginning (HB) 14 consistent with other energy limited resources in the IRM model
- Energy storage and duration limited resources will be modeled based upon information received on their customer registration and confidential duration elections
  - Duration modeling will be updated based upon generator elections received prior to August 1, 2025 for the 2026-2027 Capability Year
- Please refer to the supplementary file titled “NewGeneratorInclusionScreening_IRM26-27PBC” posted with this presentation for more information on units that were reviewed further for the 2026-2027 IRM PBC

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Champlain Hudson Power Express

- Discussions with ICS and the NYSRC Executive Committee (EC) should proceed to finalize modeling assumptions for the Champlain Hudson Power Express (CHPE) project for the IRM 2026-2027 PBC
- Feedback at the 5/9/2025 EC meeting suggested that inclusion of the CHPE project for the 2026-2027 IRM study should consider potential downstream impacts (e.g., Locational Minimum Installed Capacity Requirements, operating status of the Gowanus and Narrows barges, and Capacity Accreditation Factors)
- Development of assumptions related to CHPE for the 2026-2027 IRM study will continue over the upcoming ICS and EC meetings
  - Preliminary Base Case Assumptions Matrix scheduled for approval at the 7/10/2025 ICS meeting, and 7/18/2025 EC meeting
  - Final Base Case Assumptions Matrix scheduled for approval at the 10/1/2025 ICS meeting, and 10/9/2025 EC meeting

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Next Steps

- The NYISO will implement any approved recommendations, as determined by the ICS, for the 2026-2027 IRM PBC
- The NYISO will further review potential new generation projects and associated modeling inclusion recommendations during the 2026-2027 IRM Final Base Case assumptions
- Continue discussions related to assumptions for the CHPE project

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