New York ISO
Independent System Operator

New Generator Assumptions in the IRM Study – *Updated EDS results*

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ICS

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Background

- **The NYISO proposed the process for screening new generators for recommendation in the IRM study**
  - The process includes screening the new generators in the recent Gold Book with the project status, proposed Commercial Operation Date, CRIS status, inclusion in recent planning studies, as well as customer registration and preparation status
  - The process also captures inputs from the ICS in conducting the detailed review and finalizing study assumption
- **The process was conducted for the 2022 IRM Preliminary Base Case (PBC), with 4 large projects and 4 small projects being included in the study assumptions**
  - Projects that are part of the EDS 2020-02 were not included due to pending study outcome

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Update to New Generators Assumption

- The NYISO released the EDS 2020-02 study outcome on August 6
  - Study Results Notice: https://www.nyiso.com/documents/20142/1396587/EDS-2020-02_Notice-of-Completion.pdf/1d6956ca-88f7-8f5b-481f-fd7b289e057d
- 11 Projects, 5 new generators and 6 existing generators, were granted the Deliverable MW

PROJECT	Point of Interconnection	Zone	Requested Summer CRIS MW
Q744 Magruder	East Walden - Modena 115 kV	G	20
Q807 Hilltop Solar	Eastover - Schaghticoke 115 kV	F	20
Q828 Valley Solar	Owego 34.5 kV	C	20
Q848 Fairway Solar	McIntyre - Colton 115 kV	E	20
Q855 NY13 Solar	Mohican - Schaghticoke 115 kV	F	19.9
Fenner Wind	Fenner 115 kV	C	30
Port Jefferson Energy Storage, LLC (1)	Port Jefferson 13 kV	K	9.98
Suffolk County Energy Storage, LLC (1)	West Babylon 13 kV	K	9.98
Cricket Valley Energy Center (2)	Cricket Valley 345 kV	G	69.6
Bowline 1 (2)	Ladentown 345 kV	G	16.3
Bowline 2 (2)	Ladentown 345 kV	G	7.6

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New Generator Assumptions in FBC

- **The NYISO aims to re-conduct the new generator screening and detailed review process on all potential candidates, including the EDS 2020-02 projects, by 10/6 ICS meeting for the study assumptions in the Final Base Case (FBC)**
  - IRM milestones: FBC approval required on 11/3
  - For new generators, information about Commercial Operation Date, CRIS status, inclusion in recent planning studies, as well as customer registration status will be collected and used for screening purpose
  - For existing generators, status of customer preparation will be collected from the IMO to determine the readiness of selling the newly allocated Deliverable MW
  - ICS inputs will be captured as part of the process
- **Based on current information, a few existing and new generators from the EDS 2020-02, with additional Deliverable MW, may be included in the FBC**
  - Cricket Valley and Bowline (162.5MW total in Zone G) have completed the customer preparation process
  - Other existing generators (Fenner, Port Jefferson and Suffolk Storage totaling ~50MW) are expecting to be included, pending on their updated status with IMO
  - Two new generators (Q807 Hilltop Solar and Q848 Fairway Solar) have the proposed COD before June 2022
    - None of the new generators have executed the Interconnection Agreement based on the Interconnection Queue

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Beyond the 2022 IRM FBC

- **After the 2022 IRM study, the NYISO plans to conduct a lesson-learn session to explore improvements to new generator screening criteria**
  - Current process applies the same screening criteria at both the PBC and FBC stage, some of the criteria, e.g. customer registration status, may have more frequent changes over time
  - With the same criteria, some projects may be screened out in the PBC but then included in the FBC
  - The ICS also commented that applying the customer registration status at PBC may understate the total new generators in the PBC
- **The improvements to the new generator screening criteria can be applied starting in the PBC of the 2023 IRM**

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Questions?

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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system

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