

## June 1st ICS Meetings #261

Prepared for: June 10th, 2022 EC Meeting  
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**4.1.1 ICS Review of Initial IRM Assumptions Matrix**

ICS reviewed the initial 2023-2024 IRM PBC Assumptions Matrix that included proposed topology changes and generation additions and removals.

In addition to the above, there was significant discussion regarding the NYISO inclusion rules for new generation, which in part consider a generator's current registration status in determining whether to include or exclude a new generation project from the PBC for the next year's IRM. This is a similar issue to that which was discussed in 2021 where the use of a new generator's registration status a year in advance of the study period (next June) was questioned.

To supplement Registration status, the NYISO performed more detailed reviews on large generator projects and information to support the recommendation of including 3 wind projects in the 2023-2024 IRM study.

Solar projects are expected to experience further delays due to global supply chain disruptions with imported solar panels. Delays are being experienced by the 7 small solar projects already included in last year's FBC. The NYISO recommended caution when considering any new solar projects and keeping the 7 solar projects that are already included last year in this year's PBC.

A more detailed spreadsheet showing new generation inclusions/exclusions with supporting reasoning is attached.

**4.1.2 High Renewables Phase 3 Updated Results**

- Part 2 of the High Renewables Phase 3 White Paper was presented. For Part 2 of the study 6,000 MW of ESRs are added after Part 1 in which 27,000 MW of renewable resources were added to the system.

Next Step:

Part 3 of the White Paper will be presented at the June 29<sup>th</sup> ICS meeting. Part 3 will build on Part 2 by removing the "Peaker Units" from the study. Based on the Part 2 study, the NYISO expects to make recommendation in the whitepaper to investigate methods of better representing ESRs.

**4.1.3 Preliminary List of 2023-2024 IRM Sensitivity Cases**

The preliminary list includes several that are similar to previous years (#s 1-5) as well as new Sensitivities for the 2023-2024 IRM shown below. The full list is an attachment to this report.

6	Energy Limited Resource (ELR) sensitivity (fixed output shapes)	Modeling ELRs using the historical output shapes to show comparison with the GE MARS ELR functionality.
7	Operating Reserve at Load Shedding sensitivity (not maintaining OR at load shedding)	Sensitivity of not maintaining the 350 MW Operating Reserve at Load Shedding
8	New Load Shapes Sensitivity	Show impact of implementing new load shapes, replacing the current 2002, 2006 and 2007 load shapes with 2013, 2017 and 2018 load shapes.
9	Y49 Transformer Outage Extended  Transformer: SPRNBRK_-EGRDNCTR_345_Y49	The outage is expected to end before the study period, However, to evaluate potential schedule changes it is prudent to monitor and update the status on the outage and make adjustments to study assumptions accordingly.  The outage will reduce Long Island import capacity by 700-800 MWs

**4.1.4 Preliminary Parametric Results**

The preliminary Parametric results are provided as an attachment for information.