

Potential Issues for Evaluation During the 2021 IRM Study Cycle

The NYISO supports the NYSRC and its consultants by conducting the IRM Technical Study. In coordination with the NYSRC, the NYISO also works to enhance the IRM study. Such enhancements include updating the IRM modeling software, reviewing and refining modeling techniques, and identifying emerging technologies and methods to model those technologies. The list below provides study topics that the NYISO believes could improve the IRM Technical Study. Not all of these efforts can be pursued simultaneously. The NYISO welcomes feedback from the NYSRC on prioritization, including the prioritization of topics not included on this list.

1. Updated MARS version (fix Study Year issue)
2. Modeling Energy Storage Resources
 - a. This project dovetails with the Updated MARS version analysis
3. Resource Adequacy with Substantial Quantities of Non-Dispatchable Resources
 - a. This is a continuation of the High Renewable IRM Analysis, which is on a separate timeline from typical IRM whitepapers.
4. Load Shape Review
5. External Area Modeling
6. Modeling Behind-the-Meter Solar PV
 - a. This topic could potentially be addressed concurrently with the Load Shape Review project.
7. Enhancing Intermittent Resource Modeling
 - a. For example, modeling the correlation of resources or increasing the duration of production data used to model output shapes