

Draft Inventory of Issues for Consideration for the 2016 IRM Study

Issue for Consideration in the 2016-2017 IRM	Lead	Scoping Date	Completion Date	Notes	Category ¹
Outside World EOP Study	Adams/ Adamson/ Drake	2/4/15	4/1/15	Scope developed, survey questions have been distributed to CP-8 and PJM. PJM staff and NYISO operating staff will attend 3/4/15 ICS meeting. A white paper is required. GE reported on its current efforts to improve EOP modeling at 2/4 meeting.	1
Conduct MARS analysis to test inclusion date*	Drake/ Boyle	3/4/15	4/28/15	May not require MARS runs, instead may only require examples of IRM calculations with new capacity added at various inclusion dates over various months.	1 or 2
Multiple year wind shapes vs a single year wind shape*	Adams /Drake /Hogan	2/4/15	8/5/15	GE is working on a model that can incorporate multiple year wind shapes. Model upgrade will not be completed in time for base case, but may be able to be included as a sensitivity case.	1
Review Policy 5 Appendix D procedure to align the base case with final IRM	Drake	3/4/15	7/1/15	When the Final EC-Voted IRM is lower than the tangent 45 IRM, EDRP resources are adjusted so the LOLE in the base case is 0.1. The NYISO will be proposing an alternative adjustment at the March meeting.	1
Sensitivity of LOLE to IRM changes	Drake	4/1/15	6/3/15	What is the change in LOLE when deviating from the tangent 45 IRM? (For example, 0.1% change/error in IRM)	1
Average capacity shortfall with LOLE events	Drake	4/1/15	TBD	What is the average capacity shortfall amount during times when capacity fails to meet load? Can the model also capture the number of LOLE events?	1

Draft Inventory of Issues for Consideration for the 2016 IRM Study

Investigate Energy Limited Resources and Capacity Limited Resources	Younger/ NYISO/ Adams	2/4/15	TBD	Collect data on these resources by superzone/zone, operating limits (<i>i.e.</i> , 4, 6, hour, <i>etc.</i>) and provide reason for limitation without violating confidentiality. Modeling assumptions may be adjusted depending on findings	2
Diane Barney request to review studies on resource adequacy	Adamson			Review EISPC paper with an eye on “best-practices” and report back to the EC on any consideration regarding IRM study assumptions process changes based on information from the report (external area resource adequacy studies).	2/3
Consider alternative years for the multi-year load shapes*	NYISO	1/1/16		Currently using 2006, 2002, 2007 years for multi-year load shape feature. ICS will review various years’ load shapes and make recommendations for any changes by January 2016. The NYISO to align years across pools and collect missing data and make necessary corrections in Q1-Q2 2016.	3
Transmission Outage Working Group	Chu		Ongoing	TOWG attempting to develop an equivalent transition rate matrix for Chateauguay interface. TOWG will perform MARS runs to determine modeling impact.	3
Develop guide document	Hogan/ Adams/ICS	4/1/15	TBD	Develop an outline by 3/4/15 Extract appropriate language from Policy 5 as a starting point and then build on the document over time.	3
Monitor FERC Tech Conference on the treatment of export limit zones	Younger		Ongoing	FERC ordered NYISO to work with stakeholders the difference of limiting exports from Long Island. NYISO must report the findings to FERC by June 1, 2015.	3

Draft Inventory of Issues for Consideration for the 2016 IRM Study

Note: * indicates that Policy 5 may need to be changed

1. Issues have been categorized as follows 1) Required by EC or needed for IRM base case; 2) Will not impact base case, but can help improve sensitivities or future analysis; 3) On-going effort.