

2012 IRM STUDY PROCESS MILESTONES

ICS/EC Meeting Date*/Month	Existing IRM Study Process (Based on Present Policy 5-4)	2012 IRM Study Process**
February 1		-Prepare initial 2012 IRM Study Assumptions& Modeling Enhancements Matrix (ICS/NYISO). -Identify minor (standard) vs. major (non-standard) potential modeling enhancements (ICS/NYISO).
February		-Continue to prepare base case assumptions and defining of potential modeling enhancements (NYISO). -NYISO & TPAS begin preparation of transmission topology.
March 1		-Update 2012 IRM Study Assumptions& Modeling Enhancements Matrix (ICS/NYISO).
March	-Start preparation of base case assumptions and modeling enhancements.	-NYISO staff & TPAS continue preparation of transmission topology. -Continue to prepare base case assumptions and development of modeling enhancements (NYISO). -Begin preparation of white papers on potential non-standard modeling enhancements (NYISO/ICS).
April 1		-Continue to update 2012 IRM Study Assumptions& Modeling Enhancement Matrix (ICS/NYISO).
April	-Prepare base case assumptions and modeling enhancements (continued).	-NYISO staff & TPAS continue preparation of transmission topology. -NYISO staff reviews GADS data. -NYISO staff updates new MARS software as necessary. -Continue to prepare base case assumptions and modeling enhancements (NYISO). -NYISO begins base case build-up.
May 1		-Continue to update 2012 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO). -If applicable, ICS approves use of new MARS version.
May	-NYISO develops transmission representation. -Prepare base case assumptions and modeling enhancements (continued).	-NYISO staff & TPAS complete preparation of transmission topology. -Continue to prepare base case assumptions and modeling enhancements (NYISO).
June 1	-NYISO completes transmission representation. -ICS approves transmission representation. -ICS approves use of latest MARS executable.	-Based on modeling enhancement white papers (see March), identify those non-standard modeling enhancements which have been developed sufficiently for potential 2012 study use, and those that need an additional year before being fully implemented(ICS/NYISO). -Continue to update 2012 IRM Study Assumptions& Modeling Enhancement Matrix (ICS/NYISO). -NYISO delivers transmission topology to ICS.
June	-NYISO MARS benchmarking. -Prepare base case assumption and modeling changes (continued).	-Calculate IRM impacts of potential non-standard modeling enhancements using 2011 base case assumptions and IRM sensitivity test methodology (NYISO). Results to be included in Assumptions Matrix. -MARS benchmarking as necessary (NYISO). -Continue to prepare base case assumptions (NYISO). -ICS reviews transmission topology and modifies as required. -NYISO begins master input file preparation. -NYISO & GE conduct preliminary data quality assurance

		reviews.
July 1		-Final 2012 IRM Study Assumptions & Modeling Enhancement Matrix approved by ICS and EC.
July	-Prepare base case data assumption and modeling changes (continued).	-NYISO completes initial master input file preparation. -NYISO performs parametric studies. -NYISO & GE conduct data quality assurance reviews. -Masked/encrypted input data provided to TOs for data quality assurance review.
August 1	Base case assumptions matrix approved by the EC.	
August	-NYISO performs parametric studies.	-NYISO, GE and TOs conduct data quality assurance reviews. -NYISO conducts preliminary base case study. -Tan 45 analysis calculates preliminary base case IRM (ICS/NYISO). -ICS prepares list of proposed sensitivity cases. -Final master file completed (NYISO). -NYISO begins to share MARS output files with ICS members for review.
September 1		-ICS approves preliminary base case IRM. -EC reviews preliminary base case IRM. -EC approves list of sensitivity cases.
September	-ICS develops proposed sensitivity cases. -Development of preliminary base case. -NYISO prepares Fall load forecast.	-NYISO, GE and TOs complete data quality assurance reviews. -NYISO begins sensitivity testing based on preliminary base case. -NYISO staff/LFWG prepares Fall load forecast.
October 1	-Fall load forecast delivered. -EC approves sensitivity cases.	-Fall load forecast delivered to ICS. -EC reviews preliminary sensitivity results.
October	-ICS begins sensitivity testing. -ICS prepares preliminary IRM draft report. -GE conducts data scrub.	-Complete sensitivity testing and prepare Table 2 (ICS/NYISO). -ICS conducts base case study. -Tan 45 analysis calculates final base case IRM (ICS/NYISO). -ICS prepares preliminary draft IRM report. -Table 1 prepared (adjust preliminary base case results as necessary) (ICS). -NYISO shares output MARS files with ICS members for their review.
November 1	-ICS completes Table 1. -EC approves IRM base case and reviews draft IRM report and Table 1. -GE data scrub completed.	-ICS approves Table 1 and 2 and provides to the EC for review. -ICS approves final base case IRM. -EC approves final base case IRM. -EC reviews preliminary draft IRM report.
November	-ICS completes sensitivity testing. -ICS prepares final draft IRM report.	-ICS reviews all study results. -Additional NYISO, GE and TO data quality assurance reviews as needed. -ICS prepares final draft IRM report.
December 1	-EC approves sensitivity results, IRM report, Final IRM and IRM resolution.	-EC approves sensitivity results, IRM report, Final IRM and IRM resolution.
December	-EC issues IRM letter to NYISO CEO. -EC issues press release. -IRM Filing to FERC (EC).	-EC issues IRM letter to NYISO CEO. -EC issues press release. -IRM Filing to FERC (EC).

*Approximate date.

This 2012 IRM study process is generally consistent with Con Ed recommendations (per M. Sasson letter dated 12/21/10) and NYISO proposed future IRM study work plan. Key proposed process changes are highlighted in **bold. The proposed milestone schedule is generally advanced from the existing IRM process schedule.