

ICS PROPOSED 2012 STUDY IRM PROCESS MILESTONES

Date/Month	Existing Process (Based on Present Policy 5)	ICS Proposed Process*
ICS February Meeting		-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.
ICS March Meeting		-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). -Prepare white papers on potential non-standard modeling enhancements (NYISO/ICS).
ICS April meeting		-Continue to update 2012 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO). -Based on white papers (see March), identify 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).
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 & benchmarks new MARS software as necessary. -Update base case with new NYISO's published capacities [Continue to prepare base case assumptions and modeling enhancements (NYISO)]. -NYISO begins base case build-up.
May 1		- TOs update LFU and Cable FOR [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. Includes any new capacity additions that might need a special topology arrangement. -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.	-[Continue to update 2012 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO)]. -ICS identifies potential modeling enhancements for which IRM impacts will be calculated. -NYISO delivers transmission topology to ICS.
June	-NYISO MARS benchmarking. -Prepare base case assumption and modeling changes (continued).	-Calculate IRM impacts of potential modeling enhancements using 2011 base case assumptions and IRM sensitivity test methodology (NYISO). Results to be included in Assumptions Matrix.

		<p><u>-ICS finalize renewable generation list (Wind, Solar...) for the following year</u> [Continue to prepare base case assumptions (NYISO)].</p> <p>-ICS reviews transmission topology and modifies as required.</p> <p>-NYISO begins master input file preparation.</p> <p>-NYISO & GE conduct preliminary data quality assurance reviews.</p>
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).	<p>-NYISO completes initial master input file preparation.</p> <p>-NYISO performs parametric studies.</p> <p>-NYISO & GE conduct data quality assurance reviews.</p> <p>-Masked/encrypted input data provided to TOs for data quality assurance review.</p>
August 1	Base case assumptions matrix approved by the EC.	
August	-NYISO performs parametric studies.	<p>-NYISO, GE and TOs conduct data quality assurance reviews.</p> <p>-NYISO conducts preliminary base case study.</p> <p>-Tan 45 analysis calculates preliminary base case IRM (ICS/NYISO).</p> <p><u>-NYISO shares output MARS files with ICS members for their review.</u></p> <p><u>-ICS prepares output file comparison (Flows, EOPs LOLEs, and line limits)</u></p> <p>-ICS prepares list of proposed sensitivity cases.</p> <p>-Final master file completed (NYISO).</p> <p>-NYISO begins to share MARS output files with ICS members for review.</p>
September 1		<p>-ICS approves preliminary base case IRM.</p> <p>-EC reviews preliminary base case IRM.</p> <p>-EC approves list of sensitivity cases.</p>
September	<p>-ICS develops proposed sensitivity cases.</p> <p>-Development of preliminary base case.</p> <p>-NYISO prepares Fall load forecast.</p>	<p>-NYISO, GE and TOs complete data quality assurance reviews.</p> <p>-NYISO begins sensitivity testing based on preliminary base case.</p> <p>-NYISO staff/LFWG prepares Fall load forecast.</p> <p><u>- TO's review LFU submitted.</u></p>
October 1	<p>-Fall load forecast delivered.</p> <p>-EC approves sensitivity cases.</p>	<p>-Fall load forecast delivered to ICS.</p> <p>-EC reviews preliminary sensitivity results.</p>
October	<p>-ICS begins sensitivity testing.</p> <p>-ICS prepares preliminary IRM draft report.</p> <p>-GE conducts data scrub.</p>	<p>-Complete sensitivity testing and prepare Table 2 (ICS/NYISO).</p> <p>-ICS conducts base case study.</p> <p>-Tan 45 analysis calculates final base case IRM (ICS/NYISO).</p> <p>-ICS prepares preliminary draft IRM report.</p> <p>-Table 1 prepared (adjust preliminary base case results as necessary) (ICS).</p> <p>-NYISO shares output MARS files with ICS members for their review.</p>
November 1	<p>-ICS completes Table 1.</p> <p>-EC approves IRM base case and reviews draft IRM report and Table 1.</p> <p>-GE data scrub completed.</p>	<p>-ICS approves Table 1 and 2 and provides to the EC for review.</p> <p>-ICS approves final base case IRM.</p> <p>-EC approves final base case IRM.</p> <p>-EC reviews preliminary draft IRM report.</p>
November	<p>-ICS completes sensitivity testing.</p> <p>-ICS prepares final draft IRM report.</p>	<p>-ICS reviews all study results.</p> <p>-Additional NYISO, GE and TO data quality assurance reviews as needed.</p> <p>-ICS prepares final draft IRM report.</p>

Draft 1/13/11

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.	-EC issues IRM letter to NYISO CEO. -EC issues press release.

*The proposed ICS 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.