

2014 IRM STUDY PROCESS MILESTONES

ICS/EC Meetings/ Actions during Month	2014 IRM Study Process
February Meetings	-Review initial 2014 IRM Study Assumptions & Modeling Enhancements Matrix (ICS/NYISO). -Identify potential non-standard modeling enhancements, e.g., new load shape methodology (ICS/NYISO).
February	-Continue to prepare base case assumptions and development of potential non-standard modeling enhancements (NYISO). -NYISO & TPAS begin preparation of transmission topology.
March Meetings	-Update 2014 IRM Study Assumptions & Modeling Enhancements Matrix (ICS/NYISO).
March	-NYISO staff & TPAS continue preparation of transmission topology. -Continue to prepare base case assumptions and development of non-standard modeling enhancements (NYISO). -Begin preparation of white papers on potential non-standard modeling enhancements (NYISO).
April Meetings	-Continue to update 2014 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO).
April	-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. -Complete development of non-standard model(s) (NYISO). -Complete non-standard model white paper(s) (NYISO).
May Meetings	-Continue to update 2014 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO). -Review and approve non-standard model white paper(s) (ICS). -If applicable, ICS approves use of new MARS version.
May	-NYISO staff & TPAS complete preparation of transmission topology. -Continue to prepare base case assumptions and modeling enhancements (NYISO).
June Meetings	-Based on non-standard model white paper(s), identify those non-standard modeling enhancements which have been developed sufficiently for potential 2014 Study use, and those that need an additional year before being fully implemented (ICS). -Continue to update 2014 IRM Study Assumptions & Modeling Enhancement Matrix (ICS/NYISO). -NYISO delivers transmission topology to ICS.
June	-Calculate IRM impacts of potential non-standard modeling enhancements using 2013 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 & GE conduct preliminary data quality assurance reviews.
July Meetings	- Preliminary 2014 IRM Study Assumptions & Modeling Enhancement Matrix, including new non-standard models, approved by ICS and EC.
July	-NYISO completes initial master input file preparation. -NYISO performs parametric study to be used as the basis for Table 6-1. -NYISO & GE conduct initial data quality assurance reviews. ICS prepares list of proposed sensitivity cases. -Initial masked/encrypted input data provided to TOs for data quality assurance review (NYISO).
August Meetings	-ICS reviews and approves parametric study results. -ICS reviews and approves sensitivity test methodology -ICS and EC approves list of sensitivity cases.

ICS/EC Meetings/ Actions during Month	2014 IRM Study Process
August	<ul style="list-style-type: none"> -NYISO, GE and TOs conduct data quality assurance reviews. -NYISO conducts preliminary base case study to generate IRM-LCR curve. -Tan 45 analysis calculates preliminary base case IRM (ICS/NYISO). -Final master file completed (NYISO). -NYISO begins to share MARS output files with ICS members for review.
September Meetings	<ul style="list-style-type: none"> -ICS approves preliminary base case IRM. -EC reviews preliminary base case IRM.
September	<ul style="list-style-type: none"> -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 Meetings	<ul style="list-style-type: none"> -Fall load forecast delivered to ICS (NYISO). -ICS reviews and approves preliminary sensitivity results. -EC reviews preliminary sensitivity results. -ICS and EC approves Final 2014 IRM Base Case Assumptions.
October	<ul style="list-style-type: none"> -Complete sensitivity testing and prepare Table 7-1 (ICS/NYISO). -If needed, prepare special sensitivity case(s) that reflects any base case assumption revision following EC approval of Final Base Case Assumptions (this task could run through November 15). -ICS conducts base case study and generates IRM-LCR curves -Tan 45 analysis calculates final base case IRM (ICS/NYISO). -ICS prepares preliminary draft IRM report. -Prepare Table 6-1 (normalize preliminary base case results as necessary) (ICS). -NYISO shares output MARS files with ICS members for their review.
November Meetings	<ul style="list-style-type: none"> -ICS approves Table 6-1 (parametric 2013 vs. 2014 IRM impact comparison) and Table 7-1 (sensitivity cases, including any special sensitivity case(s), and submits to the EC for review. -ICS reviews and provides comments on preliminary draft IRM report. -ICS approves final base case IRM. -EC approves final base case IRM and sensitivity case results. -EC reviews and provides comments on preliminary draft IRM report. -If needed, a special sensitivity case is identified and approved.
November	<ul style="list-style-type: none"> -NYISO completes any remaining uncompleted sensitivity studies (including special sensitivities). -ICS reviews all study results. -Additional NYISO, GE and TO data quality assurance reviews as needed completed by November 15. -ICS prepares final draft IRM report. -If needed, by November 15, ICS meets to determine if an IRM-LCR curve needs to be generated for a special sensitivity study (ICS). -As needed, a special sensitivity study is conducted to generate IRM-LCR curves and Tan 45 analysis (ICS/NYISO).
December Meetings	<ul style="list-style-type: none"> - ICS approves any remaining special sensitivity cases. -ICS agrees final draft IRM report can go to the EC for approval. -EC approves IRM report, Final IRM, and IRM resolution.
December	<ul style="list-style-type: none"> -Issue 2014 IRM letter to NYISO CEO (EC). -Issue press release (EC). -IRM Filing to FERC if required (EC). -Prepare LCR realignment study if Final 2014 IRM is less than base case IRM (NYISO). -Special meeting to approve LCR realignment study (ICS).