

## 2021-22 IRM STUDY MILESTONE SCHEDULE

Month	ICS Meeting	EC Meeting	2021-21 IRM Study Milestones
	Assignments for month		
January	1/3/20	1/10/20	-ICS Identifies issues needing to be addressed for preparation for 2021 IRM Study: milestone schedule; potential new models, including modeling development scope requirements; list of tasks, and initial look at possible Policy 5 revisions.
February	1/28/20	2/7/20	-ICS <b>approves</b> milestone schedule. -ICS <b>approves</b> list of tasks needed for preparation of 2021 IRM study. -ICS <b>approves</b> scopes of potential new models, e.g., external Area modeling. -ICS reviews initial 2021 IRM Study Assumptions Matrix. -EC <b>approves</b> milestone schedule.
	ICS/NYISO		-ICS begins preparation of potential new models. -NYISO begins preparation of preliminary transmission topology and requests TO's input.
March	3/4/20	3/13/20	-ICS reviews status of potential new models and updated 2021 IRM Study Assumptions Matrix.
	ICS/NYISO		-ICS completes new model development and prepares white paper.
April	4/1/20	4/9/20	-ICS reviews draft white papers for new models. -ICS reviews updated 2021 IRM Study Assumptions Matrix.
	ICS/NYISO		-NYISO reviews GADS data. -NYISO installs any updated MARS software and benchmarks as necessary. -NYISO begins base case build-up used for parametric analysis.
May	4/28/20	5/8/20	-ICS <b>approves</b> new model white papers. -ICS reviews updated 2021 IRM Study Assumptions Matrix. -If applicable, ICS <b>approves</b> use of new MARS version. -EC <b>approves</b> new model white papers.
	ICS/NYISO		-NYISO verifies preliminary transmission topology with TOs and sends to TPAS and ICS for review.
June	6/3/20	6/12/20	- ICS reviews updated 2021 IRM Study Assumptions Matrix, including preliminary transmission topology. - ICS completes draft of any Policy 5 revisions for EC approval.
July	6/23/20	7/10/20	-ICS <b>approves</b> preliminary 2021 IRM Study Assumptions Matrix. -EC <b>approves</b> preliminary 2021 IRM Study Assumptions Matrix.
	ICS/NYISO		-NYISO performs parametric study to be used as the basis for Table 6-1 of IRM Study report. -NYISO conducts preliminary IRM tan 45 study following parametric study. -ICS members prepare list of proposed sensitivity cases and submits to ICS chair.
August	8/2/20	8/14/20	-ICS <b>approves</b> list of sensitivity cases. -EC <b>approves</b> list of sensitivity cases.
	8/17/20*	----	-ICS reviews parametric study results and preliminary tan 45 analysis and IRM.

	ICS/NYISO		-NYISO sends the completed initial master input file to GE by 8/21.
<b>September</b>	9/2/20	9/11/20	-ICS <b>approves</b> parametric results for Table 6-1. -ICS <b>approves</b> preliminary 2021 base case IRM. -EC reviews preliminary base case IRM and parametric results.
	ICS/NYISO		-NYISO provides initial masked/encrypted input data to TOs for data quality assurance review by 9/16. -NYISO begins sensitivity testing for Table 7-1 based on preliminary base case. -NYISO staff/LFWG prepares fall load forecast and delivers to ICS. -NYISO, GE and TOs complete preliminary base case data quality assurance reviews. -By 9/25, NYISO submits final transmission topology changes, if any, to TPAS and ICS.
<b>October</b>	9/29/20	10/8/20	-ICS <b>approves</b> fall load forecast. -NYISO and TOs report preliminary data base quality assurance review. -ICS accepts preliminary data base quality assurance review. -ICS reviews and approves preliminary sensitivity results. -EC reviews preliminary sensitivity results. -ICS <b>approves</b> Final 2021 IRM Base Case Assumption Matrix. -EC <b>approves</b> Final 2021 IRM Base Case Assumption Matrix.
	ICS/NYISO		-NYISO completes sensitivity testing. -ICS conducts base case study and determines final base case including tan 45 analysis and IRM. -ICS prepares initial draft IRM report, including Tables 6-1 and 7-1. -NYISO delivers final base case input files to GE for incremental review and masking. -GE provides masked data base to the NYISO.
<b>November</b>	11/4/20	11/13/20	-NYISO provides masked database for final TO review. -NYISO reports any changes based on final base case review. -ICS reviews and provides comments on first draft IRM report. -EC reviews and provides comments on second draft IRM report. -ICS <b>approves</b> final 2021 IRM base case. -EC <b>approves</b> final 2021 IRM base case. -ICS identifies the need for a Special Sensitivity Case.
	11/18/20*		-ICS accepts final base case quality assurance review. -NYISO completes special sensitivity case Tan 45 analysis. -ICS determines if Special Sensitivity Case should become final base case, and obtains EC approval.
	ICS/NYISO		-ICS prepares final draft IRM report (ICS).
<b>December</b>	11/30/20	12/4/20	-ICS <b>approves</b> final draft 2021 IRM report. -EC <b>approves</b> 2021 IRM report, Final 2021 IRM, and IRM resolution.
	ICS/EC/NYISO		-Issue 2021 IRM letter to NYISO CEO (EC). -IRM Filing to FERC if required (EC). -Prepare LCR realignment study if Final 2021 IRM is less than base case IRM (NYISO). -Special conference call around 12/13/20, if needed, to approve LCR realignment study (ICS)*.

\* Conference call – date shown is preliminary