

## 2022-23 IRM STUDY MILESTONE SCHEDULE

| Month    | ICS Meeting           | EC Meeting | 2022 IRM Study Milestones  |
|----------|-----------------------|------------|--|
|          | Assignments for month |            |  |
| January  | 1/6/21                | 1/15/21    | -ICS Identifies issues needing to be addressed for preparation for 2022 IRM Study: milestone schedule; potential new models, including modeling development scope requirements; list of tasks, and initial look at possible Policy 5 revisions.  |
| February | 2/3/21                | 2/12/21    | -ICS <b>approves</b> milestone schedule.<br>-ICS <b>approves</b> list of tasks needed for preparation of 2022 IRM study.<br>-ICS <b>approves</b> scopes of potential new models, e.g., external Area modeling.<br>-ICS reviews initial 2022 IRM Study Assumptions Matrix.<br>-EC <b>approves</b> milestone schedule. |
|          | ICS/NYISO             |            | -ICS begins preparation of potential new models.<br>-NYISO begins preparation of preliminary transmission topology and requests TO's input.  |
| March    | 3/3/21                | 3/12/21    | -ICS reviews status of potential new models and updated 2022 IRM Study Assumptions Matrix.   |
|          | ICS/NYISO             |            | -ICS completes new model development and prepares white paper.   |
| April    | 3/31/21               | 4/9/21     | -ICS reviews draft white papers for new models.<br>-ICS reviews updated 2022 IRM Study Assumptions Matrix.   |
|          | ICS/NYISO             |            | -NYISO reviews GADS data.<br>-NYISO installs any updated MARS software and benchmarks as necessary.<br>-NYISO begins base case build-up used for parametric analysis.  |
| May      | 5/5/21                | 5/14/21    | -ICS <b>approves</b> new model white papers.<br>-ICS reviews updated 2022 IRM Study Assumptions Matrix.<br>-If applicable, ICS <b>approves</b> use of new MARS version.<br>-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     | 6/2/21                | 6/11/21    | - ICS reviews updated 2022 IRM Study Assumptions Matrix, including preliminary transmission topology.<br>- ICS completes draft of any Policy 5 revisions for EC approval.  |
| July     | 6/30/21               | 7/9/21     | -ICS <b>approves</b> preliminary 2022 IRM Study Assumptions Matrix.<br>-EC <b>approves</b> preliminary 2022 IRM Study Assumptions Matrix.  |
|          | ICS/NYISO             |            | -NYISO performs parametric study to be used as the basis for Table 6-1 of IRM Study report.<br>-NYISO conducts preliminary IRM tan 45 study following parametric study.<br>-ICS members prepare list of proposed sensitivity cases and submits to ICS chair.   |
| August   | 8/4/21                | 8/13/21    | -ICS <b>approves</b> list of sensitivity cases.<br>-EC <b>approves</b> list of sensitivity cases.  |
|          | 8/16/21*              | ----       | -ICS reviews parametric study results and preliminary tan 45 analysis and IRM.   |

\* Conference call – date shown is preliminary

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|-----------|--------------|----------|--|
|           | ICS/NYISO    |          | -NYISO sends the completed initial master input file to GE by August 20th.   |
| September | 9/1/21       | 9/01/21  | -ICS <b>approves</b> parametric results for Table 6-1.<br>-ICS <b>approves</b> preliminary 2022 base case IRM.<br>-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 9/15.<br>-NYISO begins sensitivity testing for Table 7-1 based on preliminary base case.<br>-NYISO staff/LFWG prepares fall load forecast and delivers to ICS.<br>-NYISO, GE and TOs complete preliminary base case data quality assurance reviews.<br>-By 9/24, NYISO submits final transmission topology changes, if any, to TPAS and ICS. |
| October   | 10/6/21      | 10/15/21 | -ICS <b>approves</b> fall load forecast.<br>-NYISO and TOs report preliminary data base quality assurance review.<br>-ICS accepts preliminary data base quality assurance review.<br>-ICS reviews and approves preliminary sensitivity results.<br>-EC reviews preliminary sensitivity results.<br>-ICS <b>approves</b> Final 2022 IRM Base Case Assumption Matrix.<br>-EC <b>approves</b> Final 2022 IRM Base Case Assumption Matrix.       |
|           | ICS/NYISO    |          | -NYISO completes sensitivity testing.<br>-ICS conducts base case study and determines final base case including tan 45 analysis and IRM.<br>-ICS prepares initial draft IRM report, including Tables 6-1 and 7-1.<br>-NYISO delivers final base case input files to GE for incremental review and masking.<br>-GE provides masked data base to the NYISO.  |
| November  | 11/3/21      | 11/10/21 | -NYISO provides masked database for final TO review.<br>-NYISO reports any changes based on final base case review.<br>-ICS reviews and provides comments on first draft IRM report.<br>-EC reviews and provides comments on second draft IRM report.<br>-ICS <b>approves</b> final 2022 IRM base case.<br>-EC <b>approves</b> final 2022 IRM base case.<br>-ICS identifies the need for a Special Sensitivity Case.                         |
|           | 11/17/21*    |          | -ICS accepts final base case quality assurance review.<br>-NYISO completes special sensitivity case Tan 45 analysis.<br>-ICS determines if Special Sensitivity Case should become final base case, and obtains EC approval.  |
|           | ICS/NYISO    |          | -ICS prepares final draft IRM report (ICS).  |
| December  | 11/29/21     | 12/3/21  | -ICS <b>approves</b> final draft 2022 IRM report.<br>-EC <b>approves</b> 2022 IRM report, Final 2022 IRM, and IRM resolution.  |
|           | ICS/EC/NYISO |          | -Issue 2022 IRM letter to NYISO CEO (EC).<br>-IRM Filing to FERC required (EC).<br>-Prepare alignment study if Final 2022 IRM is less than base case IRM – see Policy 5, appendix C. (NYISO).<br>-Special conference call around 12/10/21, if needed, to approve alignment study (ICS)*.<br>-ICS drafts list of potential whitepapers for prioritization at January ICS meeting.   |

\* Conference call – date shown is preliminary