## **Draft 2017-2018 IRM STUDY SCHEDULE AND PROCESS MILESTONES**

| Month    | ICS Meeting           | EC Meeting | 2047 2040 (0040)   |
|----------|-----------------------|------------|--|
|          | Assignments for month |            | 2017-2018 IRM Study Milestones   |
| lanuary  | 1/7/16                | 1/8/16     | -Identify issues needing to be addressed going forward (issues, lessons learned, and potential white papers) |
| January  |                       |            | -ICS determines if white papers are needed.  |
|          | 2/3/16                | 2/11/16    | -Review initial 2017-2018 IRM Study Assumptions Matrix.  |
| February | ICS/NYISO             |            | -Prepare draft scope of white papers.  |
|          |                       |            | -NYISO begins preparation of transmission topology.  |
| March    | 3/2/16                | 3/11/16    | -Updated 2017 IRM Study Assumptions Matrix.  |
|          |                       |            | -Review and accept white paper scopes.   |
|          | ICS/NYISO             |            | -Begin preparation of white papers.  |
| April    | 3/29/16               | 4/8/16     | -Updated 2017 IRM Study Assumptions Matrix.  |
|          | ICS/NYISO             |            | -NYISO reviews GADS data.  |
|          |                       |            | -NYISO updates new MARS software and benchmarks as necessary.  |
|          |                       |            | -NYISO begins base case build-up used for parametric analysis.   |
|          | 5/4/16                | 5/13/16    | -Updated 2017 IRM Study Assumptions Matrix.  |
|          |                       |            | -Based on presentation of completed white papers, determine whether proposed modeling enhancements           |
| May      |                       |            | have been developed sufficiently for use in the 2017 Study.  |
|          |                       |            | -If applicable, ICS approves use of new MARS version.  |
|          | ICS/NYISO             |            | -NYISO completes preparation of transmission topology and brings to TPAS for review.                         |
|          | 6/1/16                | 6/10/16    | -NYISO submits transmission topology to ICS.   |
|          |                       |            | -Based on presentation of completed white papers, determine whether proposed modeling enhancements           |
| June     |                       |            | have been developed sufficiently for use in the 2017 Study.  |
|          |                       |            | -Updated 2017 IRM Study Assumptions Matrix.  |
|          |                       |            | -ICS accepts transmission topology   |
|          | 7/8/16                | 6/29/16    | -Preliminary 2017 IRM Study Assumptions Matrix approved by ICS and EC.                                       |
|          |                       |            | -Based on presentation of completed white papers, determine whether proposed modeling enhancements           |
|          |                       |            | have been developed sufficiently for use in the 2017 Study.  |
| July     | ICS/NYISO             |            | -NYISO completes initial master input file preparation – send to GE by7/31                                   |
| J,       |                       |            | -NYISO performs parametric study to be used as the basis for Table 6-1 of IRM Study report.                  |
|          |                       |            | -ICS prepares list of proposed sensitivity cases.  |
|          |                       |            | -Initial masked/encrypted input data provided to TOs for data quality assurance review (NYISO).              |
|          | 8/3/16                | 8/12/16    | -ICS reviews and approves sensitivity test methodology   |
| August   |                       |            | -ICS and EC approves list of sensitivity cases.  |
|          | 8/15/16               |            | -ICS reviews and approves parametric study results including tan 45 analysis.                                |
|          | ICS/NYISO             |            |  |
|          |                       |            |  |

| Month     | ICS Meeting           | EC Meeting | 2047 2040 (004 5)   1 0411   |
|-----------|-----------------------|------------|--|
|           | Assignments for month |            | 2017-2018 IRM Study Milestones   |
| September | 8/30/16               | 9/9/16     | -ICS approves preliminary base case IRM.   |
|           |                       |            | -EC reviews preliminary base case IRM.   |
|           | ICS/NYISO             |            | -NYISO, GE and TOs complete preliminary base case data quality assurance reviews.                          |
|           |                       |            | -NYISO begins sensitivity testing based on preliminary base case.  |
|           |                       |            | -NYISO staff/LFWG prepares Fall load forecast.   |
| October   | 10/5/16               | 10/14/16   | -Fall load forecast delivered to ICS (NYISO).  |
|           |                       |            | -NYISO reports any preliminary quality assurance review findings.  |
|           |                       |            | -ICS reviews and approves preliminary sensitivity results.   |
|           |                       |            | -EC reviews preliminary sensitivity results.   |
|           |                       |            | -ICS and EC approve Final 2017 IRM Base Case Assumptions.  |
|           | ICS/NYISO             |            | -Complete 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.                                       |
|           | 11/2/16               | 11/10/16   | -ICS approves Tables 6-1 and 7-1, and submits to the EC for review.  |
|           |                       |            | -ICS and EC reviews and provides comments on initial draft IRM report.                                     |
|           |                       |            | -ICS approves final base case IRM.   |
|           |                       |            | -EC approves final base case IRM and sensitivity case results.   |
|           |                       |            | -The need for a Special Sensitivity Case is identified.  |
| November  | ICS/NYISO             |            | -ICS reviews all study results.  |
| November  |                       |            | -If needed, prepare Special Sensitivity Case that reflects any base case assumption revisions following EC |
|           |                       |            | approval of Final Base Case Assumptions (this task could run through November 15).                         |
|           |                       |            | -Complete final base case quality assurance reviews by November 15.  |
|           |                       |            | -ICS prepares final draft IRM report.  |
|           |                       |            | -By November 15, ICS meets to determine if IRM-LCR curves are needed for Special Sensitivity Study.        |
|           |                       |            | -As needed, a Special Sensitivity Case study is conducted including a Tan 45 analysis (NYISO).             |
|           | 11/28/16              | 12/2/16    | -ICS approves, as needed, a Special Sensitivity Case to be included in Table 7-1.                          |
|           |                       |            | -ICS agrees final draft 2017 IRM report can go to the EC for approval.                                     |
|           |                       |            | -EC approves 2017 IRM report, Final 2017 IRM, and IRM resolution.  |
|           | 12/15/16              | 12/16/16   | -If directed by EC, ICS will deliver a revised IRM report incorporating special sensitivity results.       |
| December  | ICS/NYISO             |            | -Issue 2017 IRM letter to NYISO CEO (EC).  |
|           |                       |            | -Issue press release on 2017 IRM (EC).   |
|           |                       |            | -IRM Filing to FERC if required (EC).  |
|           |                       |            | -Prepare LCR realignment study if Final 2017 IRM is less than base case IRM (NYISO).                       |
|           |                       |            | -Special meeting to approve LCR realignment study if needed (ICS).   |