

DRAFT Action Item List From Meeting #182 March 29, 2016

New York State Reliability Council - Installed Capacity Subcommittee

[Highlight denotes items that are behind schedule or due for the next meeting]

| NO. | Action Item | Responsible Individual(s) | Sched./Actual Comp. Dates |
|-------|---|---------------------------|---------------------------|
| 161-5 | The NYISO to provide justification to consider a different, less extreme, load shape than 2002. Consider alternative years for the multi-year load shapes - Currently using 2006, 2002, 2007 years for multi-year load shape feature. ICS will review various years' load shapes and make recommendations for any changes. The NYISO to align years across pools and collect missing data and make necessary corrections in Q1-Q2 2016. | NYISO/ Drake | After 6/2016 |
| 170-7 | Consider alternative approaches when shifting capacity for sensitivities - Proposal will not change base case methodology. (Update milestone schedule to explicitly mention the sensitivity methodology). | Drake | 8/3/2016 |
| 170-8 | Investigate Energy Limited Resources and Capacity Limited Resources - Collect data on these resources by superzone/zone, operating limits (<i>i.e.</i> , 4, 6, hour, <i>etc.</i>) and provide reason for limitation without violating confidentiality. Depending on findings modeling assumptions may be adjusted. The NYISO is currently collecting data and will provide NYCA wide numbers. | Drake/ Walters | 3/29/2016 5/04/2016 |
| 170-9 | Develop IRM Study Guide document. | Adams | 12/2016 |
| 174-2 | The NYISO to provide numerical example of the load shape adjustment methodology. | Drake/ Maniaci | 3/29/2016 |
| 177-1 | ICS to discuss PJM wheel balance topology change. (with and without the Con Edison wheel) | Drake/ Lamanna | 5/4/2016 |
| 178-2 | Vijaya Ganugula to return to ICS to discuss an alternative method for determination of SCR values used in the IRM studies. Note for 5/4:Vijaya to return to provide more details including the comparison with scarcity pricing, removal of the test data and 4-6 hour factor. | NYISO/ Ganugula | 3/29/2016 5/04/2016 |

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| 180-1 | Con Edison to report on any updates on the Staten Island unbottling project and the status of wheel | Con Edison | 5/4/2016 |
| 180-2 | The NYISO to draft revisions to Appendix C to incorporate IIFO units. | Drake/ Walters | 3/29/2016 |
| 180-5 | Update Policy 5 for the special sensitivity case timeline | Boyle/ Adamson | 6/1/2016 |
| 181-1 | External Control Areas Emergency Assistance | Drake | 6/1/2016 |
| 181-1.1 | NYISO to provide the scope of a study for developing a model for providing acceptable levels emergency assistance from external control areas. (was 179-1) | Drake/ Operations | 3/29/2016 |
| 181-1.2 | Review the PJM LOLE 0.14. (was 180-4) | Adams/ Adamson | 5/4/2016 |
| 181-1.3 | Evaluation of an alternative method of calculating emergency assistance by eliminating the shifting resources to achieve a 0.1 days/yr LOLE (Boyle proposal) – will be a sensitivity case | Drake | 9/1/2016 |
| 181-2 | The NYISO to provide PJM model improvements, if any, for base case.(was 180-3) | Drake | 6/1/2016 |
| 181-2.1 | The NYISO to review the New Jersey transmission constraints in order to determine the deliverability of any emergency assistance from PJM. | Drake | 5/4/2016 |
| 181-2.2 | Evaluate the use of PJM 4 versus 5 bubble model using updated parameters. | Drake | 5/4/2016 |
| 181-2.2.1 | NYISO to update the scope of the PJM 4 versus 5 bubble model. | Drake | 3/29/2016 |
| 181-3 | Wind Model | Drake | 5/4/2016 |

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| 181-3.1 | Discuss the current methodology used for wind units that do not have five full years of historical data. | Drake | 3/29/2016 |
| 181-3.2 | The NYISO to evaluate multi-year wind shape functionality. (Testing the GE model) (was AI 178-1) | Drake | 5/4/2016 |
| 181-4 | Develop a matrix for tracking the ICS studies for the 2017 IRM. | Adamson | 3/29/2016 |
| 181-5 | The NYISO to report on the amount of generation that had been sold in Forward Capacity Market auctions in PJM and ISO-NE returned to the NY market. Updated spreadsheet provided to ICS on 4/4/16. | Drake/Boles | 3/29/2016 |
| 181-6 | The NYISO to provide a matrix on how various assumptions can impact the model. | Drake/Jiang | 8/3/2016 |
| 181-7 | The NYISO to present an environmental initiatives update. | Drake/ Carney | 5/4/2016 |
| 181-8 | Mark Younger to coordinate the Forward Capacity Market task force meetings. | Younger | 12/2016 |
| 181-9 | The NYISO to provide an update on the status of the IESO capacity market discussions. | Drake/Boles | 3/29/2016 |
| 181-10 | Mark Younger to provide a write-up on shifting capacity for sensitivity cases | Younger | 3/29/2016 |
| 182-1 | 2017 IRM study schedule and project milestones to be updated for consistency with the matrix developed for tracking the ICS studies for the 2017 IRM(AI 181-4). | Boyle | 5/4/2016 |
| 182-2 | Open Class Year projects inclusion decision (not consistent with Policy 5) discussion. | ICS | 5/4/2016 |
| 182-3 | Provide a status update on Marble River and HQ requests in the open Class Year study. | Drake | 5/4/2016 |