

Action Items List to Meeting #101

New York State Reliability Council - Installed Capacity Subcommittee

[Fade out items denotes Action Item has been completed]

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

NO.	Action Item	Responsible Individual(s)	Sched./ Actual Comp. Dates
66-2	Con Edison and NYISO to automate the IRM/LCR curve calculation and perform the benchmarking. Update: NYISO is performing test. <u>Con Edison first needs to finish benchmark in order to help NYISO automate the curve. Benchmark is not done at this time, but should be done before the next meeting.</u>	F. Ciani/ C. Villalba	7/10/09 <u>5/09</u>
78-1	Refine PJM East area model and interconnections with NYISO through IPSAC. Include the reserve margin for PJM and we'll revisit.	B. Lamanna	1/1/09
85-1	Perform MARS runs without external capacity derates to determine if there is any impact in the NYCA LOLE. The NYISO will send the OT09 file flow results and build an IRM/LCR curve. Update: We need a white paper for this issue and present it to the EC before making these changes More investigation will be required.	NYISO	6/1/09
89-4	Whether actual hourly load used to analyze the load shape are adjusted for load management programs, voltage reduction, and zonal outages.	A. Maniacci	5/1/09
92-1	Send Spreadsheet with all regressions to analyze using more than 4 points regardless of the R-square results.	Curt Dahl	10-05-08
92-3	Investigate the effectiveness of a. four or more points curve regression.	LIPA	1/10/09
94-1	Perform the Linden VFT sensitivity	NYISO	1/10/09
95-1	Circulate and coordinate review Con Edison filing of actual load reductions in Rider-U? that uses CBL methodology vs. the NYISO's methodology.	Mark Younger	3/4/09
95-2	Use RNA assumptions of additions and retirements with the existing 2009 IRM study database	G. Drake	3/4/09
95-3	Finalize zones H, I, and J LFU calculation methodology.	K. Chu/ A. Maniaci	7/21/09

95-4	Prepare a paper on the methodology of shifting capacity and impact on the IRM calculation when including wind generation. <u>Update: Break into two pieces: 1. New calculation approach to shifting capacity 2. Develop better methodology to performing wind sensitivity for IRM.</u>	G. Drake/ M. Younger/ C. Villalba	78/215/0 9
95-5	Present to the ICS the NYISO's areas of improvement in the calculation of the IRM.	NYISO	2/4/09
95-6	NYISO to work with the ICS to analyze EFORD trends	F. Vitale/ B. Boyle	7/1/09
95-7	Prepare an assumption matrix to calculate the FCPM IRM.	NYISO	3/4/09
96-1	Upstate/Downstate study	J. Pade	4/8/09
97-1	SCRs Performance & Modeling Technique- White paper. Received some information from Dave Lawrence. Next meeting for presentation	Dave Lawrence/M. Younger	7/1/09 Under review
97-2	Finalize schedule tracking for IRM Study. Steve sent a schedule, the group reviewed.	G. Drake/S. Jeremko	4/24/09
97-3	Comments on the external ICAP Paper.	All	68/25/09
97-4	NYISO to circulate Ot.09 file from 2009 IRM base case	NYISO/G. Drake	4/8/09
97-5	Status of Susquehanna – Lackawanna – Jefferson – Roseland – Hudson - Branchburg PJM Line planned through RTEP.	C. Villalba	4/8/09
97-6	Find out if NERC has a service to produce an analysis of the NYCA forced outage rate.	F. Vitale	7/1/09
98-1	Forecasted Wind Capacity	Erin Hogan	7/1/09
98-2	SAS program code and process to calculate transition rates	G. Drake/C.Villalb a	6/2/09
98-3	Curt to talk with Clyde Custer about EFORD calculations	Dahl	4/28/09
98-4	Send to the group either the summary of all results on the Loop Flow analysis or the OT09 output files	G. Drake	68/25/09
98-5	Group to review NYISO's loop switch conclusion before starting with MARS runs. <u>Update: Dependent on 98-4 results provided by NYISO.</u>	All	68/25/09
99-1	ISO in June will provide ICS an evaluation of last years load shape and the applicability of the 2002 load shape	NYISO/A. Maniaci	6/2/09

99-2	Request for NYISO legal department to provide Zonal generation EFORDs for zones A, B, C, D E, F, GHI, J and K and SCR/EDRP forecasts for zones A through D, zones E through I, and zone J and K separately. NYISO indicated that Curt send a formal request for this data. Curt requested Carlos to write a formal request and send to NYISO.	NYISO/G. Drake/C. Dahl/C.Villalba	7/6/09
99-3	Collect schedule outage inputs for IRM 2010 study	NYISO/G. Drake	6/2/09
99-4	Circulated updated IRM 2010 timeline schedule to ICS group.	NYISO/ F. Ciani	6/2/09
99-5	Review and finalize modeling of New Transmission Capability – modeling 300 MW Linden VFT. Need explanation for why the flows are higher over ABC lines. <u>Update: Bill to provide a write up (see 101-7).</u>	NYISO/B. Lamanna	7/1/09
99-6	Con Edison to get Transmission Cable Forced outages earlier than July. NYISO needs this information sooner than traditionally provided. <u>Con Edison has completed the transition rates for ICS, just needs to be checked out prior to sending on Aug 5th meeting.</u>	Con Edison/Kelvin Chu <u>and Hilary Goldman</u>	7/21/09 7/21/09
99-7	Decision needs to be made by ICS on how to weight last two years of EFORD data into the 2010 IRM base case assumptions. Also should 5 or 10 years of data be incorporated into the average	ALL	6/2/09
100-1	Re-build and coordinate with the IESO the HQ and Ontario MARS topology.	B. Lamanna	7/1/09
100-2	NYISO to expand on the SCR/EDRP performance factor measurement through CBL to add a white paper and expand on the CBL methodology.	D. Lawrence	7/1/09
100-3	Investigate the interconnection schedule of the 112.5 MW High Sheldon Wind Farm. Why it was missed last from last year IRM Study.	S. Jeremko	6/17/09
100-4	Calculate the tan 45 point after removing loop flow switch, and added deliverable external ICAP. Do same using contracts to model external capacity.	G. Drake	6/17/09
100-5	Proof EFORD and Transition rates are similar calculations. Kelvin to give presentation. Combined with Con Edison's request for SAS program code and process to calculate transition rates	C. Villalba/ K. Chu	12/1/09

101-1	For IRM assumption matrix, Steve Jeremko to follow up with Erin Hogan about Bear Creek wind farm, located in PA, to question whether it should be included in our Renewable Resources assumption. Also confirm other renewable forecast data with Erin. <u>Update: There exists a contract and it gets RPS credit, so Steve recommends to leave it in the study. This most likely won't be modeled as a contract but will be modeled as a wind unit in New York for simplicity. Need to find out where it will come into Zone C and what wind shape to use.</u>	Steve Jeremko and Erin Hogan	7/21/09
101-2	NYISO to provide data to ICS on average derate of pondage/run of river hydro units for past 5 years and worst year data.	NYISO	7/21/09
101-3	Follow up on external capacity assumptions for IRM 2010 Study, especially impact of HQ to ONT line increase from 350 MW to 1250MW in two steps: up to 600 MW on July 1st 2009 and to 1250 MW on May 1st 2010. Needed for updated topology map.	Bill Lamanna Greg Drake	7/21/09
101-4	In 2010 IRM study assumption matrix, Carlos Villalba to follow up with Con Edison's Operations on increase in EOP step 6 (Voluntary Industrial Curtailment) from 129 MW to 295 MW from 2009 to 2010. NYISO to provide contact for this information.	Carlos Villalba NYISO	7/21/09
101-5	Upstate/Downstate study – clarification needed from Paul Gioa and the EC to determine whether the U-D study will be required for at least one more year under the conditions set forth in the NYSRC's FERC filing.	Curt Dahl	8/5/09
101-6	NYSRC Rosters – Steve Jeremko will update the current ICS Members Roster information posted to the NYSRC website	Steve Jeremko	9/5/09
<u>101-7</u>	<u>Continuation of 99-5. Bill L. to provide write up on his review and finalized modeling of New Transmission Capability – modeling 300 MW Linden VFT. Need explanation for why the flows are higher over ABC lines.</u>	<u>NYISO/B. Lamanna</u>	<u>8/5/09</u>
<u>101-8</u>	<u>Follow up required on Riverbay's (Co-Op City's) net generating capacity to be including as part of the proposed new units section of the 2010 Assumption's Matrix</u>	<u>Carlos Villalba</u>	<u>8/20/09</u>
<u>101-9</u>	<u>Need guidance/information as to how to model the 716 MW of FCM contracts from NYCA to NE for next IRM study</u>	<u>Bill Lamanna</u>	<u>8/20/09</u>