

NYSRC Installed Capacity Subcommittee

Meeting #167

January 5th, 2015

1:00 p.m. – 4:00 p.m.

Meeting Minutes

Attendees

	Present	Tel
Members / Alternates:		
Mr. Yuri Fishman (PSEG-LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Khatune Zannat (PSEG-LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Rich Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Gregory Chu (Con Edison), ICS Vice Chair/Secretary	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Sanderson Chery (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Richard Brophy (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Syed Ahmed (National Grid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Mark Younger (Hudson Energy Economics, LLC.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Bob Boyle (NYPA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Advisers/Non-member Participants:		
Ms. Erin Hogan (DOS), ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Howard Tarler (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Dana Walters (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Greg Drake (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Ciani (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Carl Patka (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dr. Kai Jiang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Al Adamson (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. John Adams (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Scott Leuthauser (Consultant for H.Q. Services)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Alan Ackerman (Customized Energy Solutions)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Timothy Lundin (Customized Energy Solutions)	<input type="checkbox"/>	<input type="checkbox"/>

Mr. James Scheiderich (ECS).....

Guests Present:

Mr. Norman Mah (Con Edison Energy)

1. Action Item

For action item 108-1 and 162-3, Chair Erin Hogan (DOS) recapped the background of the export modeling issue and the NYISO had tried to schedule a meeting previously with ISO-NE on this topic but had to reschedule for another date. Greg Drake (NYISO) stated that he does not have an update, but he has agreed to check back with Wes Yeomans (NYISO) to report to the group about the current status of the effort.

Former Chair Bob Boyle (NYPA) would like the action item list to indicate the next steps so this is not lost in the process. Mark Younger (Hudson Energy Economics) agreed but would like the NYISO to complete the action item and report back, not merely report on the meeting schedule. As a result, Chair Hogan has requested that Mr. Yeomans to stop by at the next ICS meeting to provide an update on export modeling and the group will accommodate his schedule. **(AI 162-3)**

Vice Chair Gregory Chu (Con Edison) stated for action item 158-3, transmission outage modeling, the group was waiting for the NYISO to present the transition matrix for Chateaugay interface. The matrix is needed for the model testing. Dr. Kai Jiang (NYISO) said that after reviewing the raw outage data for the line, the NYISO realized some additional complexity to the matrix. As a result, the NYISO has asked Dr. Channan Singh (APA) to review the data and to provide a suitable equivalent matrix in January. **(AI 166-3)**

2. Draft Inventory of Issues for 2016 IRM study

Mr. Boyle stated that he needed to see what information the NYISO has for the large hydro derate issue. Mr. Boyle said that he was uncertain how the derate was being used in the study since it is a part of the assumption matrix. He would like to know more about the derate and to make sure it isn't being double counted against large hydros. Chair Hogan will go back and review the history of this item and this might be eliminated based on the discussion at the February ICS meeting.

Al Adamson (NYSRC-Consultant) wanted the outside world EOP issue to indicate actual people who will be involved, instead of only the groups. He wanted John Adams (NYSRC-Consultant) and Mr. Drake name to be listed as well. Syed Ahmed (National Grid) wondered if this will be a part of the Policy 5 discussion. Mr. Adamson said yes. Mr. Ahmed wondered if white papers are needed for every issue listed here. Chair Hogan said no.

Mr. Drake said that for the alternative capacity shifting approach, the background of the concept came from Dunkirk retirement and is driven by the sensitivity result that became counterintuitive. Mr. Drake also thought this would include a total makeover of the IRM/LCR curve methodology. Chair Hogan said that if we are to consider that as an issue, we should create a separate item. When asked if the NYISO has considered the sensitivity issue, Mr. Drake said that one idea would be that any retirement would result in capacity be added back to downstate only, versus spreading the new capacity across all zones. Mr. Boyle wondered if this is a 2 year effort, and Chair Hogan said that a new curve methodology would be, whereas the sensitivity shift issue wouldn't need that much time.

Mr. Younger wanted to know how many energy limited resources and capacity limited resources the NYISO has, and those to be broken down to superzone/zones along with their limitation and the reason for limitation. He also suggested that we could use the same methodology from the previous SCR study method. Mr. Boyle asked if confidentiality would be violated in the reporting

of these issues. Mr. Younger said the NYISO can provide their thought on this effort. Chair Hogan wondered if Mr. Younger can provide a template table for the NYISO to fill in. He agreed. **(AI 167-1)** When asked if this would be a modeling change, Mr. Younger believed that this would not be. He also felt that the NYISO should be able to complete this before April as the information should already be available. Mr. Drake said that perhaps before the March meeting the NYISO would have the data available. Mr. Drake said that another group within the NYISO would have the data.

Mr. Drake said that perhaps we would reword the load shape effort to “determine a more appropriate load shape selection methodology”.

Mr. Drake thought the modeling of Cedar has to do with the ability to sell capacity to Montreal. Since this is a winter issue, Chair Hogan recommended the removal of this issue.

Multiple year wind shape was recommended by an EC member (Mike Mager). Mr. Drake said that he would speak with Mr. Adams to see if this can be done appropriately and efficiently. Chair Hogan recommended that she would review the background through past minutes, and she would then talk with Mr. Adams and Mr. Drake to see what needs to be done, if anything. **(AI 167-2)**

Chair Hogan recommended that Rick Brophy (NYSEG) and Mr. Adamson should review the ICS scope together and draft some language to present at the March 4th ICS meeting. **(AI 167-3)**

Chair Hogan stated that developing guide documents will be an on-going process and she and Mr. Adams will work together and present the documents for the members to review and comment.

Mr. Adamson would like an asterisk to be placed on the issues that will affect Policy 5.

3. White Papers and Outside World EOP Scope

Mr. Adamson pointed out that there are 2 possible white papers ICS may want to tackle. One is for the outside world EOPs, and the other is sensitivity capacity shifting methodology. The group would need to make a final decision on the reports at the March 4th meeting.

Outside world EOP scope was presented by Mr. Adamson on Webex. Comments on the scope will be necessary by the February ICS meeting. The major focus of the scope involves getting other groups to provide data and information about their EOPs for ICS to review and determine appropriate ways to include/exclude them in the model if necessary.

Mr. Adams said that we would need the NYISO to get information, like from CP-8 for example. Mr. Ahmed stated that that Rick Brophy had some information from Diane Barney (DPS) who was at the last EC meeting about Policy 5 changes, but does not recall receiving them. Mr. Brophy said he only sent it out to Chair Hogan. He has no problem sending it to the group.

Mr. Ahmed was wondering if the issues will be discussed only at the sub group level, or at the general ICS group level. Chair Hogan felt that for each of the tasks that will affect Policy 5, it would be brought up to the ICS group. Mr. Ahmed was concerned with the amount of work and the amount of time needed to work through these issues before sending them to the EC. Chair Hogan sees this process as the same as every year and the timing will be fine. Mr. Ahmed would like to see these reports before April. Chair Hogan felt that if necessary, we can always have a short meeting to discuss any concerns with the study/report. Mr. Ahmed is very concerned with the short amount of time to review the report. Chair Hogan suggested that Mr. Ahmed work with Mr. Adamson and Mr. Adams and Mr. Drake to be a part of the process and help with the report(s). Mr. Adamson felt that the current process is a significant improvement already.

Vice Chair Chu stated that the Outside world EOP scope may need to consider MARS software improvements. At the last MARS user conference meeting, he

asked GE about the decoupling of EOP by pool and was informed that it is a functionality that GE is actively working on to implement. When the EOPs are decoupled, some of the concerns members have had about external EOPs being triggered by NYCA when the external area didn't need it, would no longer be a problem. Vice Chair Chu suggested that perhaps we can invite Mark Walling (GE) or someone from GE to provide us a quick update about this software improvement. He emphasized that he was worried that we would go through the study, be comfortable with the study result and the agreed upon method/criteria, and then MARS changed and the study became either a wasted effort or no longer accurate due to significant changes to model results due to new functionality. It is something the group needs to keep in the back of their minds as we initiate the study. Mr. Chu stated that if GE would release the new version in 1Q 2015, we should do the study with the new version of MARS. If GE does not believe the new version will be ready till next year or beyond, then there's nothing to worry about. Mr. Chu also responded to Mr. Adamson's concern about the possibility of implementing external EOP being stopped by this model change. Mr. Chu does not believe model change could stop ICS from moving forward and implementing external EOP, it is just that the group's original decision to implement external EOP would have been based on model results that are no longer valid. Chair Hogan suggested that the sub group can talk with Mr. Walling on the side and report back to the group on this modeling enhancement. **(AI 167-4)**

Carl Patka (NYISO) stated that Diane Barney has asked the group to review the current resource adequacy methodology, so he recommended that to be added to the list of issues. Also, Mr. Patka suggested a priority ranking to tackle the most important issues.

Chair Hogan asked the group to provide comments on the draft EOP study scope back to Mr. Adamson by January 12th. **(AI 167-5)**

4. Summer Maintenance Outage Methodology

Mr. Adams reviewed the maintenance methodology with the group. He stated that there are two different types of maintenance inputs: Planned outages and Maintenance Outages. Planned outages may be extended due to unforeseen circumstances. Since these extensions may not be approved, Mr. Adams recommended that planned outage data be based on the schedule provided by the generators and approved by NYISO operation, since the approved extension was not going to impact LOLE or else it wouldn't have been approved in the first place. Maintenance outages can also be extended, but the unit is removed from service. MO MW was de-minimis during high load days. MO is typically shorter than PO. Mr. Adams recommended that we continue the process of nominal 50 MW but we should verify MW for peak days in excess 90% of the forecast peak.

Secretary: Gregory Chu

(Con Edison)

Next meetings:

Meeting 168, Wednesday, February 4th at NYISO HQ

Meeting 169, Wednesday, March 4th at NYISO HQ

Meeting 170, Wednesday, April 1st at NYISO HQ

Meeting 171, Tuesday, April 28th at NYISO HQ

Meeting 172, Wednesday, June 3rd at NYISO HQ

Meeting 173, Wednesday, July 1st at NYISO HQ

Meeting 174, Wednesday, August 5th at NYISO HQ

Meeting 175, Wednesday, September 2nd at NYISO HQ

Meeting 176, Tuesday, September 29th at NYISO HQ

Meeting 177, Tuesday, October 27th at NYISO HQ

Meeting 178, Monday, November 30th at NYISO HQ
