

**NYSRC ICAP WORKING GROUP MEETING MINUTES**  
**Conference Call #10 – August 2, 2001**

Members/Alternates Present:

Mr. Tom Baldi (ConEd) via phone  
Mr. Peter Chamberlain (Wholesale Sector) via phone  
Mr. Curt Dahl (KeySpan/LIPA) - Chairman  
Mr. Ly Dang (ConEd Alternate) via phone  
Mr. Gary Freeland (NYSEG)  
Mr. Michael Hogan (CHGE) – Secretary

Advisers/Non-member Participants Present:

Mr. Alan Adamson (Consultant)  
Mr. Art Desell (NYISO)  
Mr. Ed Schrom (NYPSC)  
Mr. Frank Vitale (Consultant)

Members/Non-members/Advisers Absent:

Mr. John Adams (NYISO)  
Mr. Jordan Brandeis (NYPA)  
Mr. Mark Cordeiro (Municipals)  
Mr. Greg Drake (NYISO)  
Mr. Larry Eng (NMPC)

Guests (by phone unless otherwise noted)

Mr. Liam Baker (Orion power New York) \*  
Mr. Roy Shanker

“\*” - Denotes part time attendance at the meeting.

**1. REVIEW & APPROVE MEETING #14 MINUTES**

- After review of the draft minutes dated July 12<sup>th</sup>, the WG approved the minutes with modifications. The Secretary will revise, reissue as final and have it posted to the NYSRC web site.

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**2. REVIEW OF PREVIOUS ASSIGNMENTS**

- 2.1 **List ISO And NPCC Studies, With Scopes, Related To Reliability (Eng)** – Mr. Eng was not present, nothing to report. This item will be carried forward to the next meeting.
- 2.2 **Data Detail NPCC TFCO Members Can Review (Adams)** – Mr. Adams was not present, nothing to report. This item will be carried forward to the next meeting. There was agreement that this is no longer an issue for this years study but that it should be raised at the EC level for future study consideration.
- 2.3 **Generation Deliverability Study Scope (Dahl)** – E-mail comments were received by Mr. Dahl on the draft generator deliverability scope. Based on additional comments made during the meeting, Mr. Dahl will revise scope and forward to RRS for consideration.
- 2.4 **Forced Outage Rate Trends (Vitale/Drake)** – A review of the forced outage data trends by Mr. Vitale, Mr. Adamson and ISO staff (“SUBGROUP”), both on a regionally and nationally basis, was to be performed. The SUBGROUP reported that there appears to be no justification to change from the 10-year methodology. There are some outstanding questions with respect to the preliminary EFOR results when compared to last year’s values. However, this is not envisioned to be a problem in completing the Study. It was noted that the EFOR values are a product of the input data and not a direct input into the model (essentially the same only for those units that have two states representation). The SUBGROUP needs to clarify whether the 10-year average is the averaging of the 10 individual annual results or the average based on the total for 10 years. ISO staff should complete their work by August 10<sup>th</sup> and the SUBGROUP will review by August 14<sup>th</sup>.
- 2.5 **Review Total Outage Trends: Planned plus Maintenance (Vitale/Drake)** – A follow-up request was made at the last meeting to report back to the WG if a trend existed using only the last few years of data, versus the entire 1990-1999 period as originally reported during the last meeting. No progress was made on this request. ISO staff should complete their work by August 10<sup>th</sup> and the SUBGROUP will review by August 14<sup>th</sup>.
- 2.6 **Summarize Transition Rate Development Methodology And Make Recommendations To WG (Vitale)** – This assignment was not completed, see item 2.8 below. The assignment will be carried forward.

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- 2.7 **Update Schedule Per June 5<sup>th</sup> Meeting (Drake)** – The schedule was updated to reflect the June 5<sup>th</sup> meeting and sent to WG. There were additional comments made on the schedule during this meeting. The new revised schedule will be forwarded to RRS by August 7<sup>th</sup>, in advance of RRS's August 9<sup>th</sup> meeting.
- 2.8 **List Outage Data Period For Each Unit and Associated Transition Rate Methodology (Drake)** – This assignment was not completed. The assignment is near completion and will be carried forward.
- 2.9 **Provide Cable Transition Rates To ISO (Baldi)** – Mr. Baldi reviewed the data and determined that the existing 1996/1998 rates are acceptable for use in the Study. No revision is required and this assignment is completed.
- 2.10 **Volunteer To Replacement WG Secretary (Dahl)** – No volunteers came forward. This item will be carried forward to the next meeting.
- 2.11 **Additional Units Beyond 6-106 Filed Unit Data:** - Any member that knows of units that should be considered for inclusion in this year's Study, that were not part of the recent Gold Book, are to forward the appropriate information to ISO staff by 8/8/01. As a reminder, an e-mail requesting this information will be issued to WG members.
- 2.12 **UCAP White Paper** – Prior to the meeting, Mr. Dahl sent out a draft UCAP White Paper. The draft was discussed at the WG requested several modifications. See Agenda item #5.

**3. 2002 IRM Study**

- **Generator Unit Forced Outage Rates** – Preliminary results should be available by 8/10/01. Mr. Vitale and Mr. Adamson will review the results by 8/14/01.
- **Maintenance Schedule** - Preliminary results should be available by 8/10/01. Mr. Vitale and Mr. Adamson will review the results by 8/14/01.
- **External ICAP** – Based on recent history, it appears that last year's Study assumption of Quebec selling to PJM via NY is not appropriate for this year's Study. PJM requires firm capacity to their borders and NY does not allow for such an arrangement. Approximately 300 MW of emergency assistance will be available from Quebec for this year's Study.

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With the recent rule changes in New England, assuming FERC approval, and internal NEPOOL transfer limits, ISO staff recommended an increase from 0 to 300 MW in the contract (firm) amount from New England. The WG accepted the recommendation.

- **Transfer Limits** – ISO staff reported that they are not planning to revise the transfer limits. It was noted that the Y50 rating was discussed and the transfer limit will be reduced slightly (down to a total of 650 MW, 599 MW plus a dynamic rating of an additional 51 MW). Also discussed was the new proposed New England to Long Island cable. The conclusion was that a sensitivity case will be performed to determine the impact on the NYCA IRM (modeled as a 330 MW tie to LI).

Mr. Desell was asked to distribute to the WG members the 2002 IRM Transfer Limits. WG members are asked to review and provide any comments to Mr. Desell by August 10<sup>th</sup>.

- **Schedule** – Discussed the completion status, since the last 7/13/01 update, of each task in the schedule. The following tasks are now considered complete:
  - Develop Internal Transfer Limits
  - Updated Generating Unit Ratings
  - Updated EOP Values
  - Modeling Proposal For SCR's
  - Proposal For External ICAP Allowance
- **External Areas Modeling** – It was noted during the discussion of the schedule that an updated HQ model will not be available for this Study.
- **Special Case Resources (SCR) Modeling** – It was decided during the discussion of the schedule that the same 150 MW special case resource modeling use in last year's Study should be used again this year.

**4. GENERATOR DELIVERABILITY SCOPE (Dahl)**

- Discussion of Mr. Dahl draft lead to the conclusion that the scope should be made more generic. The assignment is intended to address the methodology in treating bottled generation with respect to a NYCA IRM study. In no way is the scope of the assignment going to address market solutions of other market issues. Mr. Dahl will revise the draft scope document and reissue to WG and RRS by August 7<sup>th</sup>.

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- It was noted by ConEd, based on the currently proposed new generation locations, that the WG could be facing deliverability modeling issues very soon. It will likely be in next year's IRM Study, and possibly even for the sensitivity cases in this year's Study, depending on what specific units are ultimately determined to be appropriate "new unit" additions for this Study.

**5. DRAFT UCAP WHITE PAPER (Dahl)**

- Discussed Mr. Dahl's draft UCAP White Paper and several modifications were suggested. It was decided that an example should be included for added clarity. Mr. Desell agreed to develop the example for the paper.

**6. EC REQUEST: EXPLANATION OF DSM RESOURCES REPRESENTATION IN IRM STUDY (Adamson)**

- There was a discussion on the EC's request for clarification on the modeling of DSM versus Special Case Resources. The main concern was the possibility of double-accounting. Mr. Adamson will verbally report back to EC to assure them that there is no double-accounting taking place in this Study.

**7. OTHER BUSINESS**

- **WG Suggested Modifications to the Reliability Rules** – Mr. Adamson reported that the RRS accepted the modifications the WG made, it has passed through the EC and will now be posted to the Web for public comment.

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**8. SUMMARIZE ACTION ITEMS (Hogan)**

Highlighted at the meeting were the additional action items added during this meeting (noted by <sup>N</sup>). The following is the complete list of outstanding action items with revised delivery dates:

- Eng – List of ISO and NPCC studies that are relevant to reliability, with brief scope for each. Distribute by next meeting.
- Adams – Check with Mr. Calimano on what level of data can be reviewed by NPCC's TFCO members. Report back to WG at next meeting.
- Dahl/WG – WG members should provide comments on draft Generator Deliverability Scope to Mr. Dahl by July 18<sup>th</sup>. Mr. Dahl will incorporate comments and send to RRS.
- Vitale/Drake - Report findings of trends of FORs on a regionally and nationally basis (and unit specific trends if necessary) to WG by July 27<sup>th</sup>.
- Vitale/Drake - Review total planned outages plus maintenance outages for trends in last few years (versus trends observed and presented for the period of 1990 to 1999), by next meeting.
- Vitale - Based on review of trends, maintenance schedules, etc., summarize transition rate development methodology and make recommendations to WG if necessary.
- Dahl/Drake - Update schedule as discussed during meeting and forward final draft to WG and RRS.
- Drake - List amount of outage data available for each unit along with a the proposed transition rate methodology (e.g. 7 years vs. 10), by next meeting.
- Working Group - Need for a volunteer to replacement WG Secretary, by next meeting.
- Working Group - Provide to Mr. Drake by August 8<sup>th</sup> any additional units that need to be modeled in Study that are not part of the recently updated Gold Book.
- Dahl/WG - Mr. Dahl to revise initial draft of a UCAP White Paper. The WG will need a final draft completed in order to present the RRS at their August 9<sup>th</sup> meeting.
- Desell<sup>N</sup>- Issue 2002 IRM Transfer Limit to WG.
- Dahl<sup>N</sup>- Issue an e-mail to WG requesting additional units needed to be modeled in Study, beyond recent Gold Book.
- Desell<sup>N</sup>- Example for UCAP White Paper.
- Drake<sup>N</sup> - Update schedule and issue to WG prior to each meeting.

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**8. FUTURE MEETING SCHEDULE**

- August 30, 2001, location TBD.
- September 18, 2001, location TBD.