

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #220 – June 5, 2019
NYISO Corporate Center, Rensselaer NY**

Attendees

Present Phone

Members / Alternates:

Rich Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ruby Chan (CHG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Akim Faisal (CHG&E) ICS Vice Chair/Secretary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dmitriy Kiselev (Con Edison)	<input type="checkbox"/>	<input type="checkbox"/>
Howard Kosel (Con Edison) ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sanderson Chery (Con Edison)	<input type="checkbox"/>	<input type="checkbox"/>
Khatune Zannat (PSEG LI)	<input type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Brophy (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mark Younger (Hudson Energy Economics, LLC – Wholesale Sellers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Wentlet (Municipals & Electric Coops)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Mager (Couch White – Large Consumers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid)	<input type="checkbox"/>	<input type="checkbox"/>

Advisers/Non-member Participants:

Al Adamson (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Adams (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ricardo Galarza (PSM Consulting)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Scott Leuthauser (HQUS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Akm Saijadul Islam (NYDPS)	<input type="checkbox"/>	<input type="checkbox"/>
Alan Ackerman (CES)	<input type="checkbox"/>	<input type="checkbox"/>
Wes Yeomans (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Greg Drake (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kai Jiang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frank Ciani (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Ryan Carlson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steve Lemme (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau (Direct Energy).....	<input type="checkbox"/>	<input type="checkbox"/>
Richard Quimby (NYDPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Hall (NYSERDA).....	<input type="checkbox"/>	<input type="checkbox"/>
Dan Mahoney (NYPA)	<input type="checkbox"/>	<input type="checkbox"/>
Matthieu Plante (HQUS)	<input type="checkbox"/>	<input type="checkbox"/>
Brian Shanahan (National Grid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Adam Evans (DPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

New Participants:

Hoël Wiesner (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jim D’Andrea (LS Power).....	<input type="checkbox"/>	<input type="checkbox"/>
Jerimiah Brockway (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Welch (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Introduction

Chair Howard Kosel called the NYSRC ICS meeting to order at 10:00 A.M. on June 5, 2019.

2. Approval of Minutes for Meeting #220

- The meeting minutes were approved.

3. Review Action Item List

4. Feedback from the last EC Meeting (H. Kosel)

- EC approved the whitepapers.

5. SCR Performance Update (J. Brockway)

- Discussion of SCR preliminary values for the 2020 IRM
- NYISO calculated SCR factors for IRM based on historical SCR performance.
- Additional inputs since the 2019 IRM studies
- Preliminary Model Values: 892.5 MW (based on the effective performance factor).
- July 2019 enrollment values will be used to update the SCRs.
- Next Steps:
 - Replace Gold Book SCR ICAP MW estimates with actual July 2019 enrollments (available July 8, 2019).

6. 2020-21 IRM Study Tasks

6.1. HQ Wheel and HQ Cedars (F. Ciani)

- Presentation: “Impacts on the IRM of Model Updates to the HQ Interface”
- Present study results include:
 - HQ wheel

- Merging Cedars bubble into HQ bubble and remove Cedars bubble
 - 80 MW External Deliverability Rights
 - The 2019 IRM sensitivities included combining Cedars and Quebec areas and incorporate HQ to NE wheel. Both resulted in increased IRM and Zone J/K LCR requirements.
 - This year’s study plan includes starting with 2019 IRM Final base case with Selkirk in service.
 - 2019 Results - IRM: 17, NYC: 82.8, LI: 104.1, G-J: 92.3
 - Results of 2020 Base Case:
 - IRM: 16.7, NYC: 83.4, LI: 103.5, G-J: 92.5
 - Adding HQ Wheel:
 - IRM: 17.3, NYC: 83, LI: 103.6, G-J: 93.5
 - Merge the HQ Cedars bubble into the HQ bubble:
 - IRM: 17.4, NYC: 83.6, LI: 103.7, G-J: 92.3
 - Model 80 MW External Deliverability Rights
 - 17.3, NYC: 82.4, LI: 103.6, G-J: 92
 - NYISO recommends for 2020 IRM study to model HQ wheel, merged HQ bubble, and consider sensitivity for the 80 MW external deliverability rights.
 - ICS approves for 2020 IRM study.
- 6.2. General Public Appeals (A. Adamson)**
- RRS supported Zone K’s 80 MW of public appeals in the IRM models, EC had no objection.
- 7. Locality Exchange Factor Presentation + ISONE-NYISO Capacity Sales Data (Hoël Wiesner)**
- Presentation: “ICAP Market External Control Area Sales”
 - Overview of ISO-NE capacity trades and locality exchange factors.
- 8. Policy 5 Revisions (A. Adamson)**
- Review of Policy 5 draft red lined report (mostly editorial changes).
 - Redline Section 3.5.7 (External Control Area Capacity) to add language to include HQ Wheel to ISO-NE.
- 9. Sensitivity Cases (H. Kosel)**
- ICS needs to approve sensitivity cases.
 - Participants commented on including a sensitivity to see impact of IRM with both Indian Point units out.
 - Mr. Mager’s commented on including a sensitivity of high and no wind/PV. NYISO will discuss internally and get back.
- 10. MARS Capability to Model SCRs (G. Drake)**
- Current capability in MARS GE is limited.
 - Mike Welch gave an update on GE MARS.
 - There are still concerns with the new updates to MARS version 3.2.3.417 which are being addressed internally.
- 11. 2020-21 IRM Study Assumptions Matrix Update (G. Drake)**
- Review of updates to the Assumptions Matrix.
 - Load Forecast Uncertainty model is still being developed.
 - Total New Intermittent Resources: 108.4 MW (includes the two 5 MW Battery Storage in LI)
 - ICS needs to approve the preliminary Assumptions Matrix next meeting.

12. Additional Agenda Items

Other Discussions:

- N. Gilbraith transitioning to become Resource Adequacy supervisor as Mr. Drake will be retiring later this year.

Prepared by: Akim Faisal, Central Hudson (AFaisal@cenhud.com)

Upcoming meetings:

Meeting 221, Wednesday, June 26, 2019 at NYISO Corporate Center