

REPORT ON NYSRC CONSULTANT MEETING

January 23, 2020

The NYSRC Consultants, John Adams, Greg Drake, and Alan Adamson, met for the purposes of: (1) acquainting Greg Drake with NYSRC policies, procedures, and committee responsibilities, (2) identifying areas the NYSRC Consultants presently support, (3) discussing and exchanging thoughts and ideas on current NYSRC issues and, (4) from the outcome of our discussion, provide recommendations to the NYSRC Chairman.

1. NYSRC Policies

We spent a lot of time reviewing the five NYSRC policies, in particular, Policy 1 (Reliability Rules development) and Policy 3, Accounting. For the latter we reviewed procedures for submitting expenses and compensation requests, procedures and time period for preparing the budget, how the NYSRC is funded, compensation issues, and the Treasurer's duties. For the latter, Al stressed the need for a back-up in the event he is temporarily "out of service." Similarly, although many NYSRC responsibilities are delegated to individual Consultants, we agreed that the three NYSRC Consultants be familiar with all responsibilities because of the potential need to quickly replace, at least temporally, another NYSRC Consultant's responsibilities.

2. NYSRC Web Site

The NYSRC web site was discussed. Although we believe the organization of the web site is adequate, there is always room for improvement. The NYSRC Consultants should look at the web site with the help of Melissa, and suggest any improvements in the web site's organization. The matter of how ICS documents are submitted for posting was discussed. The NYISO staff has asked that these documents, when submitted to Melissa for posting, should not to be concurrently submitted to ICS members as in the past. Instead, submission of these documents to ICS members will wait until the documents are posted first. Al will ask Melissa to notify Greg when this happens.

3. Executive Committee

We discussed several issues that are on the EC's plate. One issue is that the NYSRC is facing a possible future reliance on a significant amount of renewable resource capacity. We discussed the state's renewable resource legislation and the PSC resource adequacy proceeding. A high renewable future may result in a host of potential reliability risks. The present High Renewable Resources draft white paper begins to illustrate this. The NYSRC Consultants also discussed the importance of preparing NYSRC papers and reports that are consistent with Executive Committee requirements and directives and NYSRC policies and objectives. Recognizing this need and the drafting issues encountered in preparing the above white paper, the NYSRC Consultants agreed that they take a more active role

in preparing ICS papers and reports. We raised this with Ruby and Roger during the meeting. See later discussion.

To keep track with the many issues confronting the NYSRC, the NYSRC Consultants proposed that the EC keep track of NYSRC reliability issues with preparation of a matrix showing for each issue, the corresponding NYSRC action, the responsible individuals or committee, and the action's timeline.

4. ICS and Resource Adequacy

The various tasks on ICS's 2020 milestone schedule which were discussed by the NYSRC Consultants. They included the study year issue, RA with a large quantity of non-dispatchable resources, external area modeling, input alignment of intermittent resources, and review of load forecast uncertainty model. AI also suggested that the current "special sensitivity case" procedure be reviewed in light of the last-minute Somerset retirement announcement in late November which led to questions regarding the base case IRM approval process.

Based on the NYSRC Consultant's suggestion made earlier, Ruby and the consultants agreed to assign John and Greg to writing, along with NYISO staff when appropriate, the white papers for the above ICS tasks. The NYSRC Consultants discussed with Ruby due dates for these papers. A suggestion was made that they review the format of the next IRM report for possible improvement.

The scope of the EC's new Resource Adequacy Working Group was discussed. It was suggested that a source of a survey of the resource adequacy criteria used by the systems on North America is in a recently published NERC report.

Because of the recent need by the NYSRC for long-term IRM and resource adequacy assessments, the NYSRC Consultants recommended that ICS's scope be revised to include such longer-term reviews. Ruby agreed.

The LOLE metric used for IRM studies was discussed. We agreed that the present one day in 10-year LOLE criterion should be retained for now; there is adequate information to justify its continued use. It was noted that some US systems, including NERC, have begun to look at LOEE or energy adequacy metrics. The NYSRC Consultants did agree that the 2021 IRM study results include LOEE, as well as LOLE results, at least for informational purposes.

AI noted that the EC has approved posting for comment a proposed new NYSRC rule that will require the NYISO to submit a summary report to the NYSRC following publishing its biennial long-term resource adequacy assessment or RNA. The NYSRC Consultants agreed that the NYSRC may wish to initiate follow-up actions after reviewing this report.

One important ICS issue is modeling of renewable resources. It was pointed out that exchange of information on renewable modeling with other systems may be appropriate. It was also pointed out that the NYSRC conducted IRM workshops several years ago, and it may be appropriate to schedule another workshop, not to show how NYSRC conducts IRM studies as before, but to request other systems to present papers on how it is dealing with this issue.

A summary of NYSRC Consultant recommendations from our meeting are listed below.

NYSRC CONSULTANT RECOMMENDATIONS

1	To assure the NYSRC and EC objectives, the NYSRC Consultants should prepare ICS white papers and other reports jointly with NYISO staff as appropriate.
2	The ICS scope should be revised to include long term as well next year IRM and resource adequacy issues.
3	The NYSRC should consider hosting a workshop on renewable resource issues, including modeling, in which representatives from other systems would be asked to present papers.
4	As an alternate to Recommendation 3, the NYSRC and NYISO should engage other systems, through conferences or other means, the challenges of modeling renewable resources and other renewable resource issues.
5	ICS should consider revising the “special sensitivity” procedure for IRM studies.
6	The EC should consider preparing a reliability issues tracking matrix.
7	The NYSRC web site should be reviewed for any appropriate improvements.
8	Continuously monitor the changing NYCA resource mix to determine if reliability rules remain adequate.
9	Provide LOEE results as part of 2021 IRM Study.