
NYISO Management Committee Meeting Minutes**July 1, 2020****10:00 a.m. – 11:30 p.m.**

1. Introductions, Meeting Objectives, and Chairman's Report

The chair of the Management Committee (MC), Ms. Jane Quin (Con Edison), called the meeting to order at 10:00 a.m. by welcoming the members of the MC. Members identified themselves and the attendance was recorded. A quorum was determined.

2. 2019 CARIS Phase 1 Report

Ms. Yachi Lin (NYISO) provided an introduction on the 2019 CARIS Phase 1 Report, followed by Mr. Jason Frasier (NYISO) reviewed the 2019 Phase 1 Report (included with meeting material).

Mr. Matt Cinadr (Energy Spectrum) asked if the five-year congestion takes into account lengthy transmission outages that are returning to service. Mr. Frasier stated that outages are already included in the five-year historic data, so it is likely that transmission outages did contribute to congestion. On the projected basis there are no outages incorporated with the exception of the Central East interface where we do have a derate based on historic congestion.

Mr. Howard Fromer (Bayonne Energy Center) asked that an update be made to the map on slide 13 to show a clearer view of study area 2. Mr. Frasier agreed.

Mr. Mark Younger (Hudson Economics) asked that the NYISO be clearer that it did not do any evaluation on whether building additional transmission to deliver that generation profile was economic. He added that it may well be more economic to do more of the 70 x 30 generation downstate than to build the generation upstate and to build the required transmission. Mr. Frasier said we did not evaluate the economics of the projects. The point of the analysis here is that, given the goal as far as 70 x 30 and wanting to achieve that 70% level, the NYISO is just trying to identify those impediments to achieving that goal. We did not do a full optimization for the best way to achieve a 70 x 30.

Mr. Mark Montalvo (UIU) asked when thinking about the scenario for load, what flexibility, if any, did you assume (vehicle storage, etc.) to help manage the system? Did you assume any of this in your dispatch assumptions? Mr. Frasier stated that NYISO did not assume flexibility in load; the shape was fixed on an hourly profile and did not change according to any form of demand response or load reactivity. He added that energy efficiency would be more of an offset downward; load would be adjusted downward in order to meet the annual energy target assumed.

In response to a question from Mr. Matt Cinadr, who also complimented NYISO staff on the report, Mr. Zach Smith (NYISO) reiterated that two different resource mixes were looked at in the study, and resources were sited in the model where NYISO saw them show up on the interconnection queue. We did not attempt to try to figure out what would be the most economic mix or location. When we conclude these findings, we have transmission constraints driven by the resource mix that

we are assuming in these studies. It very well could be that the resource mix is significantly different in the future and in our minds this is a valuable message to get out of this work. NYISO wants all stakeholders and policy makers to understand what sort of constraints might be encountered for this resource mix, and to the extent it gets developed differently, we will have to continue to assess this. Mr. Smith thanked Mr. Cinadr for his comment.

Mr. Frasier complimented the NYISO Planning team for the great work on this report.

Mr. Frasier concluded with next steps, which included seeking the Board of Directors approval at their July meeting, posting the Board-Approved report on NYISO website, conducting a Public Information Session, and if requested by a Market Participant, proceeding with a CARIS Phase 2 study for a proposed transmission project.

Mr. Younger asked for clarification on next steps and confirmation that the NYISO would develop the assumptions for CARIS 2 regardless of whether someone comes forward. Mr. Frasier confirmed that the NYISO would be undertaking CARIS Phase 2 development very soon. NYISO doesn't have a timeline yet, but will report on the timeline at ESPWG or TPAS.

Mr. Pallas LeeVanSchaick presented the Market Monitoring Unit's key take-aways on the 2019 CARIS Phase 1 Report (presentation included with meeting material).

Motion #1

The Management Committee (MC) hereby recommends that the Board of Directors approve the NYISO 2019 Congestion Assessment and Resource Integration Study Phase 1 Report (2019 CARIS Phase 1 Report) as presented and reviewed at the MC meeting on July 1, 2020.

The motion passed unanimously.

3. New Business

There was no new business. The meeting adjourned at 11:45.