

NYSDEC/NYSRC March 11, 2021 Conference Call Notes

Attendee(s) – Chris Wentlent, Sandi, Radmila, Cathy Waxman, Russell King, Paul Gioia, Andy Oliver, Shawn, Roger Caiazza, John Marabella, Jonathan Forward, James Sweeney, Chris Hall, Mike Sheehan, Ben Cohen, Roger Clayton, Bill Slade, and others who joined later.

Our next NYSRC/NYSDEC conference call is Thursday, March 11 at 9 AM. **The call-in number is 866 280 1753 passcode is 6128354.** If you have any additional topics to include on the agenda, please let me know. A separate calendar event was sent. Thanks

The agenda follows:

Climate Action Council Update - Radmila (IPPNY) – Feb 26. Electrification of Sectors. Panel Recommendations in greater details. April 12 and May 10 next CAC meetings. Developing draft recommendations and public outreach. Power Gen Panel met – now have a reliability piece (review it every two years – system planning ongoing), how to meet goals for dispatchable resources, how to meet zero emissions by 2040. RNG, green hydrogen, nuclear (after 2029). Public Input Session – many few points. Polarizing extremes – nuclear, closing fossil fuel closures, replace peakers with clean technology, phase out of fossil fuel generation, Gavin participates, John Reese.

ORES, and Build Ready – Radmila (IPPNY) – ORES regulations have been finalized and now adopted with mostly non substantive changes. Set up process to go through ORES – 3 applications move to 94-C.

Build Ready – no update. Map on website.

Peaker Justice Legislation – Senate and Assembly – Requirements for DEC Title V permits. When you go for new permit – must provide a compliance plan to convert to renewables and energy storage. DEC would decide to accept or reject the compliance plan. If not accepted, permit is not reissued. Compliance Plan Obligation – could have 5-year extension. Extension standard is extremely high. Could impact NYC and LI. IPPNY provided some amendments to bolster reliability. Beyond 5-year extension – no relief. Attempted to offer reliability solution and CLCPA language. (No backstop) Assemblyman Carroll has put the bill in. Passed Senate.

- **Liam B – Q** – what if plant needs to provide plan for a renewable but does not offer any solution? You cannot get permit renewed. Rad – confirmed. Must put forward compliance plan to be subject to the bill. If needed for reliability, can get one extension.
- **Q – Cathy** – within one mile of EJ area? Yes, it is in the rule.

- **Q – Cathy** – definition of peaker? 10% of time with operational criteria. Capacity factor or hours of operation. Rad – not sure on definition impact, as have not reviewed DEC EJ maps or facility run times.

NYSDEC Part 496, Statewide Emissions Limit– Mike – no report. Drop it off agenda for next meeting.

NYSDEC Proposed Article 75-0113 - Value of Carbon – Mike – no report. Drop if off agenda for next meeting.

- **Peaker Rule Update** – Part 227 – NYSDEC & NYISO Staff – no report. Compliance filings submitted.
- **RGGI Update** – Part 242 Regulations, VA Participation, PA Activity. RGGI Auction up by \$.18 cents. Adjustment for banked allowances next week. PA – still under consideration. VA is fully participating. Program review late 2021 or 2022. NC petition to join or not join. 100 day.
- **TCI Update** – Mike Sheehan, NYSDEC – Model Rule on March 1. Three States and DC moving forward. 2022 Emissions Reporting Year, First Compliance Year 2023. No change for NY participation – subject to CAC.
- **California regulations** - Advanced Clean Trucks (ACT), Heavy-duty Low NOx Omnibus, and Phase 2 Greenhouse Gas Standards – NYSDEC – they are under consideration. If proposed, SAPA requirements for public notice and hearings will be met. February Webinar Stakeholder Outreach.
- **EPA Cross State Air Pollution Rule (CSAPR 3) Final Allowance Allocation** – NYSDEC Staff – Mike – EPA will move forward with signing regulation. Possibly March 15.

Q – Sandi – allocation? DEC not aware of any changes but has not seen final regulatory text. There is concern that EPA might use this rule to closeout for transport from upwind states.

- **EPA Proposed Methane regulations** – NYSDEC Staff – Ona – no report.
- **Indian Point update** – NYSDEC & NYISO Staff – huge topic on Power Gen meeting. Still on target for retirement. No update on IP. April 30 - expected date of retirement.

NYISO

- **NYISO Carbon Pricing Update** – James Sweeney, NYISO – no update or movement on it.

- **NYISO/Analysis Group Climate Change Impact and Resilience Study**
– Phase 2 – James Sweeney, NYISO – NYISO discussed at Feb 9 meeting. Will be discussed further in late March or April MIWG topic.

NYSERDA – no report.

NYSRC Update – Roger Clayton, NYSRC

- Reliability Rules Exception #8 is no longer required once IP3 is retired. Will retire exception.
 - **Q – is that exception tied to series reactor?** Roger - No
- Attended NERC 2021 Reliability Leadership Summit – Role of Storage. One element – ES for energy needs, and ES needed for reliability needs. ES might not be available for reliability if used for energy.
- Roger – looked at 2040 scenario. The number of zero emission renewable resources required to meet load results in reserve margins greater than 200%. Reference Case and Peak Load Scenario. Base Load was ~38 GW. Added renewables – approximately ~100 GWs plus added zero emissions dispatchable resources ~17 GW plus price responsive demand ~4 GW gives total renewable capacity of ~. If you divide total resources by peak load gives a ratio of 3.1 or about 200% IRM.
- Climate Change Study – NYSERDA and DPS – NY GRID Study. Open Comment Period. In the study, appendix E – zero emissions for 2040 – have a similar set of data to the NYISO’s Climate Change Impact & Resilience Study. Reserve IRM for 2040 equals about 132%. We are at 20.7% currently.
- 2020 RNA Study – resource adequacy needs identified in 2027 due to peaker retirement.
- RAWG – finalize whitepaper.
 - **Q – Request – Rad – Peaker Replacement Bill – information on implications. Paul – we usually have the ISO do an analysis. We could discuss under New Business at the upcoming NYSRC Meeting.**

NYSPSC Staff Update – Jonathan

- **Clean Energy Standard** – NYSERDA/NYSDPS CLCPA Whitepaper – 15-e-0302
 - **Build Ready Implementation Plan** submitted by NYSERDA. Published under 15-E-0302. Annual Progress Reports –

procurement results, ZECs, RECs. 27% contribution. Greater contribution expected in the future.

- **Energy Storage Proceeding** – 18-e-0130. – January 2021 PSC approved tariff filings for utility procurement of qualified ES systems.
- **Electric Vehicle Proceeding** – 18-e-0138. – March 1 – Utility Annual Reports filed. Ongoing working groups – customer experience, technical working group. Customer – Feb, March 17 – technical. Jon will provide notice.
- **Offshore Wind Proceeding** – 18-e-0071.- Offshore Wind – second procurement. Empire Wind and Beacon Wind, both proposed by Equinor – total 2490 MWs. Empire – 1250 MW, COD: 2026 connecting at LI Barrett substation, Beacon – 1230 MWs COD in 2028 – Astoria NYC connection, HVDC.
- **Energy Efficiency and Heat Pumps** – 18-m-0084 – no report. December webinar on LMI portfolios.
- **Resource Adequacy Proceeding** – 19-e-0530. – no report. FERC will hold Tech Conferences – March 23 and 24.
- **NYPA Western NY Petitions** – 20-E-0197 – no report, still pending for approval.
- **General Transmission Project** – Update (WNYPP, AC Transmission (Segment A and B), Moses Adk, NYPA Northern NY Expedited Project) –
 - **Phase 1 project proposals for utilities approved** and proceed with projects – either rate case or special filing for recovery. Address bottlenecks and constraints. Straw proposal – to understand headroom. Will be released shortly.
 - **Power Grid Report distributed.**
 - **WNYPP** – Empire State Line – construction notice to proceed on March 10. In-service June 2022
 - **AC Transmission** – Segment A (LS/NYPA) – approved Art VII. Commenced construction on Feb 8, In-service Dec 2023.
 - Segment B – Transco – Art VII approved. Commenced construction March 3 – In-service December 2023.
 - **Moses ADK** – rebuild. Art VII approved. Commenced construction Spring 2020. Summer 2023 in service.
 - **Northern NY** – Approved. Needs to go to Art VII in the fall. Complete Smart Path, and upgrade 230 to 345kV from ADK-Porter. Target in-service 4Q 2025.
 - **Q – source for projects?** NYPA provided a description of NNY project. Dec 11 at ESPWG

NYSDEC Staff Regulatory update – NYSDEC Staff

- **National Ambient Air Quality Standards (NAAQS)** – no report
- **SO2 & NO2 One Hour Standards** – EPA's final designation of St Lawrence County as nonattainment for the 2010 SO2 standard may be a bit delayed due to changing administration. SIP will be due 18 months

from the effective date of the designation and preliminary work is underway.

- **2008 & 2015 O3 Standards** – DEC is in the final stages of developing the attainment demonstration for the 2008 ozone standard. Work continues the development of the attainment demonstration for the 2015 ozone standard that is due to EPA by August 3, 2021. The new administration may investigate the need to revise the standard.
- **EPA Mercury & Air Toxics (MATS)** – No update.
- **RICE Maximum Achievable Control Technology (MACT)** – No update.
- **Regional Haze SIP Plan Update** – No update. Still waiting for EPA action on our May 2020 plan submittal.
- **With new administration**, currently no difference in interactions with EPA

New Business

Next Call – Thursday, May 6 at 9am.