

## Meeting Minutes

### **New York State Reliability Council – Extreme Weather Working Group (EWWG) Meeting # 14 – April 26, 2024 Zoom**

#### **1. Draft Meeting Minutes for Meeting # 13 – 03/29/2024**

- Minutes were approved with little to no changes

#### **2. DNV Analysis on Land Based Wind and Utility Level PV– Jason Frasier / NYISO**

- NYISO has posted Zonal PV, LBW and OSW profiles to the NYISO Website
  - Link:  
[https://www.nyiso.com/documents/20142/44393357/04b\\_NYISO\\_Zonal\\_LBW\\_UPV\\_OSW\\_Shapes\\_2000-2023\\_For\\_Posting.xlsx/0494d211-4e60-abda-301d-55236e5d2376](https://www.nyiso.com/documents/20142/44393357/04b_NYISO_Zonal_LBW_UPV_OSW_Shapes_2000-2023_For_Posting.xlsx/0494d211-4e60-abda-301d-55236e5d2376)
- SRO Appendix in the works to cover renewable profile metrics
  - Timeline-SRO goal is to be approved by committees in June and board in July
  - NYISO is open to feedback on what metrics to include
  - Action item for meeting between Roger Clayton, Keith Burrell and Jason Frasier to meet regarding specific metrics to support PRR153
- All data comes from the same weather model and NYISO is working with DNV to keep these profiles updated
- ISONE has posted their 2000-2022 dataset as well
  - Link: <https://www.iso-ne.com/system-planning/planning-models-and-data/variable-energy-resource-data>
- EWWG asked Laura Popa to elaborate on applicability of this dataset to NYISO MARS studies
  - 2024 RNA assumptions were provided at April 18<sup>th</sup> ESPWG
  - NYISO does plan to use the available DNV-GL data for internal NYCA model
  - For outside areas the NYISO will continue to use model provided by CP-8
  - NYISO does adjust outside areas to keep their LOLE between .1 and .15 days/year to prevent NYCA over-reliance on outside areas
- John Dellatto followed up regarding if there are any discussions at ICS to incorporate extreme weather into renewable shapes

#### **3. Potential Reliability Rule – 153: System Conditions for Transmission System Planning Performance Requirements Covering Wind and / or Solar Generating Resource Lulls–**

Roger Clayton & Keith Burrell

- Roger Clayton provided the following update/clarification:
  - PRR153A Sudden loss of gas fuel delivery system
    - Category I & II design contingency-sudden loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system.
    - On the agenda for the RRS meeting 5/2 expected to be recommended to EC
  - PRR154A Unavailability of generating units due to gas shortage

- Specifies that non-firm gas generation unavailability during winter peak be included in credible combinations of system
    - On the agenda for the RRS meeting 5/2 expected to be recommended to EC
  - PRR153 Sudden loss of solar & wind and fuel delivery systems
    - No significant update at this time-work remains on defining what contingency constitutes
  - PRR150- Resource Adequacy Requirements for Mitigating the Threats of Extreme Weather
    - Came out over initial concerns over extreme weather dating back to 2021/2022
    - Roger Clayton to propose at RRS meeting 5/2 to retire this PRR since above PRRs are addressing concerns outlined in this “placeholder” PRR
- Stakeholders inquired about how ICS is addressing extreme weather
  - Mark Younger elaborated that extreme weather is only incorporated in two ways:
    - If it explicitly occurred in the last 5 years of intermittent resource shapes
    - With 7 load bins representing distribution around expected peak conditions
    - No specific scenarios set up to stress the base case beyond these conditions
  - Gary Jordan provided additional information that results can be viewed by weather year
    - Additionally sensitivities are performed to see system performance without wind or solar
  - Roger Clayton proposed future agenda item for ICS to discuss how extreme weather may be incorporated in the future
- John Dellatto raised a comment to the group that solar panels may have vulnerability to high wind
  - Roger Clayton followed up that no PRR covering this condition has been discussed

#### **4. Other Business**

- No other business raised by stakeholders