

## Meeting Minutes

**New York State Reliability Council – Extreme Weather Working Group (EWWG)  
Meeting # 11 – December 4, 2023  
Zoom**

### **1. Draft Meeting Minutes for Meeting # 10 – 10/27/2023**

- Minutes were approved with one minor change: agenda item three title changed from “Potential Reliability Rule – 152 ...” to “Potential Reliability Rule – 153 ...” for clarity

### **2. DNV Analysis on Land Based Wind and Utility Level PV**

- Project Description
  - Hourly profiles for land – based wind (LBW) and utility scale solar generation covering 57 geopolitical counties for the time period of 2000 – 2022
  - Modeled hourly production at 79 LBW sites (25 existing and 54 proposed / hypothetical)
  - Modeled hourly production at 77 utility scale solar sites (4 existing and 73 proposed / hypothetical)
- Stakeholder discussion
  - Curt Dahl indicated that statistical analysis on the LBW and PV dataset similar to the statistical analysis performed on the OSW dataset would be useful in identifying potential reliability concerns
  - Broad consensus that the working group would like to see the data provided in both an aggregated form (county / zonal level), as well as at the individual site level; Mark Younger mentioned that since the IRM Study utilizes a zonal model, it would probably be more useful to obtain the data in aggregated form (zonal level) first
  - Ben Cohen indicated that the data for the full time period can be provided in 2024, first in an aggregated form (county / zonal level), and then later at the individual site level
  - Ben Cohen also indicated that there would be an appendix regarding the dataset in the NYISO Outlook Study, which is currently ongoing

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

- Roger Clayton presented the latest draft to the working group:
  - Rule is proposing to add design criteria contingencies for the sudden loss of generation due to weather:
    - Category I Event – Add new contingency 10, the sudden loss of generation due to weather
    - Category II Event – Add new contingency 1f, the sudden loss of generation due to weather
  - Sudden loss of generation due to weather is undefined and needs clarification regarding location, time, and coincidence in an associated Guideline

### **4. Virtual Offshore Wind Energy Laboratory and Simulator (VOWELS)**

- Curt Dahl let the group know that he spoke with members of the NYISO including Chris Wentlent, as well as members of the NYSRC – Executive Committee, regarding NYSRC participation on the advisory / user committee that will be formed; reception to the idea was nothing but positive
- Curt Dahl intends to get approval from the NYSRC – Executive Committee at the next EC Meeting (12/8/2023) for participation on the advisory / user committee that will be formed

### **5. Other Business**

- Roger Clayton inquired about the meeting schedule for 2024; Curt Dahl noted that he will send out the dates that are currently set