

Meeting Minutes

**New York State Reliability Council – Extreme Weather Working Group (EWWG)
Meeting # 1 – December 15, 2022
Zoom**

1. Resource Adequacy for Modern Systems

- Presentation given by Derek Stenclik of Telos Energy
 - Lessons from the California and Texas events
 - Not all shortfalls are alike – must characterize size, frequency, duration, and timing of events
 - Risk is shifting – periods of concern no longer occur during just gross peak load, need to look across an entire year of operation
 - Weather – the single most important driver for resource adequacy
 - Resource sharing – transmission capacity as a resource is critical
 - Six Principles of resource adequacy for modern power systems
 - Chronological operations must be modeled across many weather years
 - Quantifying size, frequency, duration, and timing of capacity shortfalls is critical to finding the right resource solutions
 - Neighboring grids and transmission are a key part of the resource adequacy challenge
 - There is no such thing as perfect capacity
 - Load participation fundamentally changes the resource adequacy construct
 - Reliability criterion should not be arbitrary, but transparent and economic

2. Draft Work Plan

- Discussion of revisions occurred based on ideas and information gained from the Resource Adequacy for Modern System presentation and the Q&A that followed (for example, definition of “extreme weather” may need some re – working)
- Exact revisions to be discussed at subsequent meetings
- Monitor EPRI, NERC , ESIG, NPCC regarding Extreme Weather Conditions

3. Logistics

- Meetings will be monthly – target dates will be the last Friday of each month

Next Meeting

Meeting # 2 – January 27, 2023
Zoom