***Meeting structure: Closed***

***BUSINESS CASUAL ATTIRE***

**Wednesday, August 11, 2021 9:30 – 14:00, ~~Room 206A – CONFIRMED~~**

**The PDCWG will be TELECON-WebEx only until further notice.**

|  |  |
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| 1. **9:30**

 **5 mins** | **ERCOT Antitrust Guidelines For Members of Committees, Sub Committees & Working Groups****Antitrust Admonition** To avoid raising concerns about antitrust liability, participants in ERCOT activities should refrain from proposing any action or measure that would exceed ERCOT’s authority under federal or state law. For additional information, stakeholders should consult the Statement of Position on Antitrust Issues for Members of ERCOT Committees, Subcommittees, and Working Groups, which is posted on the ERCOT website.  Disclaimer All presentations and materials submitted by Market Participants or any other Entity to ERCOT staff for this meeting are received and posted with the acknowledgement that the information will be considered public in accordance with the ERCOT Websites Content Management Operating Procedure.**Confidentiality of Data and Information in Closed Session requires Non-Disclosure Agreement.** * **Introduction of members.**
* **Attendance**
* **Agenda Review**
* **Other items**
 |
|  | **Open Meeting** |  |
| 1. **9:35**

**90 min** | **Review Emergency Conditions list from ROS*** Review new comments to PDCWG report to ROS on ECL Status (Items 6 & 44)
* Analysis of ERCOT generators with 9 minute relay trip for 59.4 Hz freq (how many have this limit; how many were online on 2/15/21) [44 GW, 25 GW]
* Info from OEMs on 59.4 Hz impacts to turbines?
* Is this 9 minute relay setting needed by generators?
* Defining high/med/low forecast variability for A/S.
* ROS has asked PDCWG to respond to:

“Assess impact of A/S changes over summer and report to TAC”“Analyze methodology for determining non-spin reqs and value provided in non-peak times; possible decrease non-spin when risk is lower?”Do these topics beg the question of whether PDCWG should have A/S analysis tools? | **Simpson, Siddiqi, Jackson, Mago** |
| 1. **11:40**

**20 min** | **2022 ERCOT Ancillary Service Methodology (part 1, introduction)** | **Mago** |
| 1. **11:40**

 **20 min** | **ERCOT Frequency Control Metrics and Regulation Reports** | **Li/Gari** |
| 1. **12:00**

 **10 min** | **ERCOT Analysis of Disturbances / Frequency Events:****Non-FMEs**7/6 @ 17:04:34**FMEs**7/20 @ 08:46:05 | **Gari** |
| 1. **12:15**

 **5 min** | **Texas RE Report** | **Penney** |
| 1. **12:20**

**5 min** | **Upcoming ERCOT / Texas RE Workshops / Meetings** | **All** |
|  | **Closed Meeting** |  |
| 1. **12:30**

**40 min** | **Emergency Conditions List – Item 45 (frequency variability impacts)*** Impact of Frequency Oscillation and Low Frequency on Generator Operations
* Modified GGOV1 model
 | **Nesbit** |
| 1. **12:50**

**15 min** | **Analysis of QSE Performance during ERCOT Disturbances:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date and Time** | **Lost MW** | **IMFR (MW/0.1Hz)** | **Failed PUPFR(%)** | **Failed PUSPFR(%)** |
| ***7/20/2021 08:46:05*** | ***801*** | ***1,313*** | ***11.5%*** | ***11.5%*** |

 | **Mulholland/ALL** |

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