**APPROVED**

**Minutes of the Protocol Revision Subcommittee (PRS) Meeting - Webex**

**Friday, December 8, 2022 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Coleman, Diana | CPS Energy |  |
| Day, Smith | Denton Municipal Electric (DME) |  |
| Goff, Eric | Residential Consumer |  |
| Gross, Blake | AEP Service Corporation (AEPSC) |  |
| Haley, Ian | Luminant Generation (Luminant) |  |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Mindham, David | EDP Renewables |  |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) |  |
| Richmond, Tim | Chariot Energy |  |
| Trevino, Melissa | Occidental Chemical (Occidental) |  |
| Turner, Lucas | South Texas Electric Cooperative (STEC) |  |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Zhang, Wen | Shell Energy North America (SENA) | Alt. Rep. for Resmi Surendran |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors |  |
| Anderson, Connor | AB Power Advisors |  |
| Ashley, Kristy | Customized Energy Solutions |  |
| Benson, Mariah | PUCT |  |
| Bivens, Carrie | Potomac Economics |  |
| Blackburn, Don | Hunt Energy Network Power Marketing |  |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) |  |
| Bunch, Kevin | EDF Trading |  |
| Burke, Tom | RWE Renewables (RWE) |  |
| Callender, Hudson | CPS Energy |  |
| Cochran, Seth | DC Energy |  |
| Cortez, Sarai | Trailstone |  |
| Cotton, Ashley | GEUS |  |
| Coultas, Ann | Enel Green Power |  |
| Daigneault, Ralph | Potomac Economics |  |
| Dharme, Neeraja | EDFT |  |
| Dollar, Zachary | PUCT |  |
| Dreyfus, Mark | City of Eastland |  |
| Headrick, Bridget | Customized Energy Solutions |  |
| Helton, Bob | ENGIE |  |
| Hubbard, John | TIEC |  |
| Jolly, Emily | Lower Colorado River Authority (LCRA) |  |
| Jones, Dan |  |  |
| Kee, David | CPS Energy |  |
| Kilroy, Taylor | TPPA |  |
| Lacek, Mollie | Talen Energy |  |
| Lasher, Warren |  |  |
| Lee, Jim | CenterPoint Energy |  |
| Lotter, Eric | Grid Monitor |  |
| Macaraeg, Tad | STEM |  |
| Macias, Jesse | AEPSC |  |
| Matt, Kevin | NRG |  |
| Miller, Alexandra | EDFR |  |
| Morris, Sandy | WETT |  |
| Murdock, John | Plus Power |  |
| Nguyen, Andy | Constellation |  |
| Noyes, Theresa | LCRA |  |
| Okenfuss, James | Savion Energy |  |
| Orr, Rob | Lone Star Transmission |  |
| Petäjäsoja, Ida | InBalance |  |
| Pokharel, Nabaraj | OPUC |  |
| Reedy, Steve | CIM View Consulting |  |
| Reid, Walter | APA |  |
| Ritch, John | NextEra Energy |  |
| Scott, Kathy | CNP |  |
| Showalter, Dana | Plus Power |  |
| Sithuraj, Murali | LCRA |  |
| Smith, Caitlin | Jupiter Power |  |
| Snyder, Bill | AEPSC |  |
| Townsend, Aaron | Potomac Economics |  |
| True, Roy | ACES |  |
| Velasquez, Ivan | Oncor |  |
| Wall, Perrin | CNP |  |
| Walker, Floyd | PUCT |  |
| Williams, Wes | BTU |  |
| Wittmeyer, Bob | Broad Reach Power |  |
| Xie, Fei | Austin Energy |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Billo, Jeff |  |  |
| Blevins, Bill |  |  |
| Boren, Ann |  |  |
| Chambers, Jason |  |  |
| Chu, Zhengguo |  |  |
| Clifton, Suzy |  |  |
| Dashnyam, Sanchir |  |  |
| Garcia, Freddy |  |  |
| Fohn, Doug |  |  |
| Garcia, Freddy |  |  |
| Levine, Jonathan |  |  |
| Loera, Amy |  |  |
| Mago, Nitika |  |  |
| Mantena, Dan |  |  |
| Maul, Donald |  |  |
| Mereness, Matt |  |  |
| Moreno, Alfredo |  |  |
| Phillips, Cory |  |  |
| Roberts, Randy |  |  |
| Rosel, Austin |  |  |
| Shaw, Pamela |  |  |
| Solis, Stephen |  |  |
| Stice, Clayton |  |  |
| Teixeira, Jay |  |  |
| Troublefield, Jordan |  |  |
| Wasik-Gutierrez, Erin  Woodfin, Dan |  |  |
| Zeplin, Rachel |  |  |
|  |  |  |

*Unless otherwise indicated, all Market Segments participated in the votes.*

Martha Henson called the December 8, 2022 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

Ms. Henson directed attention to the Antitrust Admonition, which was displayed.

Approval of Minutes

*November 11, 2022*

This item was deferred to the January 17, 2023 PRS meeting.

Technical Advisory Committee (TAC) Update

Ms. Henson reviewed the disposition of items considered at the December 5, 2022 TAC meeting.

Project Update (see Key Documents)[[1]](#footnote-1)

Troy Anderson provided project highlights and summarized the 2022 and 2023 release targets. Mr. Anderson reviewed the additional project status information; stated that ERCOT Staff are reviewing a portion of NPRR1007, RTC – NP 3: Management Activities for the ERCOT System, and NPRR1014, BESTF-4 Energy Storage Resource Single Model, specifically the gray-boxed reporting items in Section 3.2.5(4) for potential unboxing as a small project rather than awaiting implementation of the Real-Time Co-optimization (RTC) project; and requested Market Participant feedback. Market Participants expressed support for the ERCOT recommendation. In response to Market Participants requests for the status of the RTC project implementation, Dave Maggio noted that ERCOT anticipates providing an update at the January 24, 2023 TAC meeting. Mr. Anderson reviewed discussion items at the December 7, 2022 Technology Working Group (TWG), including Nodal Operating Guide Revision Request (NOGRR) 230, WAN Participant Security.

Review PRS Reports, Impact Analyses, and Prioritization (see Key Documents)

*Nodal Protocol Revision Request 1144, Station Service Backup Power Metering*

Market Participants reviewed 11/11/22 PRS Report and 11/22/22 Impact Analysis for NPRR1144.

**Bob Wittmeyer moved to endorse and forward to TAC the 11/11/22 PRS Report and 11/22/22 Impact Analysis for NPRR1144. Blake Gross seconded the motion. The motion carried with one abstention from the Investor Owned Utility (CNP) Market Segment.** *(Please see ballot posted with Key Documents.)*

*NPRR1147, Update and Improve Notification and Evaluation Processes Associated with Reliability Must-Run (RMR)*

*NPRR1151, Protocol Revision Subcommittee Meeting Requirement*

Market Participants reviewed the respective 11/11/22 ROS reports and 8/15/22 Impact Analysis for NPRR1147 and 11/22/22 Impact Analysis for NPRR1151. Ms. Henson noted these items could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR1067, Market Entry Qualifications, Continued Participation Requirements, and Credit Risk Assessment*

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1143, Provide ERCOT Flexibility to Determine When ESRs May Charge During an EEA Level 3*

*NPRR1145, Use of State Estimator-Calculated ERCOT-Wide TLFs in Lieu of Seasonal Base Case ERCOT-Wide TLFs for Settlement*

*NPRR1146, Credit Changes to Appropriately Reflect TAO Exposure*

*NPRR1150, Related to NOGRR230, WAN Participant Security*

PRS took no action on these items.

*NPRR1149, Implementation of Systematic Ancillary Service Failed Quantity Charges*

Market Participants reviewed NPRR1149 and the 11/30/22 PUCT Staff comments. Mr. Maggio summarized the 12/1/22 ERCOT comments to NPRR1149. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1153, ERCOT Fee Schedule Changes*

Doug Fohn summarized NPRR1153 and the 11/02/22 ERCOT comments. In response to Market Participants requests, Bill Blevins reviewed the NPRR1153 implementation timeline in consideration of the Resource Integration and Ongoing Operations (RIOO) system impacts. Cory Phillips reviewed the Revision Request timeline. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1155, Attestation Regarding Market Participant Citizenship, Ownership, or Headquarters*

Mr. Fohn summarized NPRR1155. Some Market Participants expressed concern that NPRR1155 may exceed the intended scope of the Lone Star Infrastructure Protection Act (LSIPA). Market Participants requested tabling for additional review of the issues. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1156, Priority Revision Request Process*

Martha Henson summarized NPRR1156. Jonathan Levine summarized the 11/30/22 ERCOT comments to NPRR1156. Some Market Participants raised questions concerning the appropriate method of Public Utility Commission of Texas (PUCT) direction for a Priority Revision Request, and some Market Participants expressed concern for a perceived erosion of consumer protection resulting from the accelerated stakeholder process within NPRR1156. Market Participants requested tabling for additional review of the issues. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

**Mr. Gross moved to approve the Combined Ballot as follows:**

* **To endorse and forward to TAC the 11/11/22 PRS Report and 8/15/22 Impact Analysis for NPRR1147**
* **To endorse and forward to TAC the 11/11/22 PRS Report and 11/22/22 Impact Analysis for NPRR1151**
* **To recommend approval of NPRR1149 as amended by the 12/1/22 ERCOT comments**
* **To recommend approval of NPRR1153 as amended by the 11/2/22 ERCOT comments**
* **To table NPRR1155**
* **To table NPRR1156**

**John Varnell seconded the motion. The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

Other Business

*Interim Voluntary Curtailment Program for Large Flexible Loads*

In response to Market Participants questions and concerns, Dan Woodfin summarized the interim voluntary curtailment program for large flexible Loads, referenced the December 6, 2022 Market Notice, M-A120622-01, and stated that ERCOT intends to develop a permanent reliability framework for large flexible Loads by sponsoring future Revision Requests developed with the Large Flexible Load Task Force (LFLTF). Some Market Participants expressed concern for the potential market impacts with the interim process and that the November 28, 2022 LFLTF meeting was cancelled. In response to Market Participant requests, Mr. Woodfin offered to provide comprehensive details of the interim program at the January LFLTF meeting.

*Future PRS Meetings*

*January 12, 2023*

Ms. Henson noted that due to the January 12, 2023 PUCT Open meeting, the January PRS meeting will be rescheduled as soon as possible.

Adjournment

Ms. Henson adjourned the December 8, 2022 PRS meeting at 10:59 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/12082022-PRS-Meeting-By-Webex> unless otherwise noted [↑](#footnote-ref-1)