**APPROVED**

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

**ERCOT Austin – 8000 Metropolis Drive (Building E), Suite 100 – Austin, Texas 78744**

**Thursday, October 13, 2022 – 1:30 p.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 | Via Teleconference |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) | Via Teleconference |
| Surendran, Resmi | Shell Energy North America (SENA) | Via Teleconference |
| Trevino, Melissa | Occidental Chemical (Occidental) | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
|  |  |  |
| *Guests:* |  |  |
| Abbott, Kristin | Austin Energy | Via Teleconference |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Anderson, Kevin | Customized Energy Solutions | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions | Via Teleconference |
| Benson, Mariah | PUCT | Via Teleconference |
| Blackburn, Don | Hunt Energy Network Power Marketing | Via Teleconference |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) | Via Teleconference |
| Boggs, Callie | Eric Winters Goff, LLC |  |
| Camet, Brooke | OPUC | Via Teleconference |
| Claiborn-Pinto, Shawnee | PUCT | Via Teleconference |
| Cochran, Seth | DC Energy | Via Teleconference |
| Coffee, Jennifer | Texas Pipeline Association | Via Teleconference |
| Collard, Brad | PEC | Via Teleconference |
| Cortez, Sarai | Trailstone | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Daigneault, Ralph | Potomac Economics | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Headrick, Bridget | Customized Energy Solutions | Via Teleconference |
| Helton, Bob | ENGIE | Via Teleconference |
| Hubbard, John | TIEC |  |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Kilroy, Taylor | TPPA | Via Teleconference |
| Lacek, Mollie | Talen Energy | Via Teleconference |
| Lee, Jim | CenterPoint Energy |  |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| McClellan, Suzi | Good Company & Associates | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| McMurray, Creighton | PUCT | Via Teleconference |
| Nguyen, Andy | LCRA |  |
| Noyes, Theresa | LCRA |  |
| Orr, Rob | Lone Star Transmission | Via Teleconference |
| Pokharel, Nabaraj | OPUC | Via Teleconference |
| Ramaswamy, Ramya | PUCT | Via Teleconference |
| Reedy, Steve | CIM View Consulting | Via Teleconference |
| Reid, Walter | APA | Via Teleconference |
| Scott, Kathy | CNP |  |
| Siddiqi, Shams | Crescent Power Consulting | Via Teleconference |
| Smith, Caitlin | Jupiter Power |  |
| Snyder, Bill | AEPSC | Via Teleconference |
| Townsend, Aaron | Potomac Economics | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Walcavich, Colin | National Grid Renewables | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power |  |
| Wu, Tiffany | PUCT | Via Teleconference |
| Xie, Fei | Austin Energy |  |
| Zhang, Wen | SENA | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Bigbee, Nathan |  | Via Teleconference |
| Billo, Jeff |  | Via Teleconference |
| Bonser, Drew |  | Via Teleconference |
| Boren, Ann |  |  |
| Castillo, Leo |  | Via Teleconference |
| Chambers, Jason |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Dwyer, Davida |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Frosch, Colleen |  | Via Teleconference |
| Gallo, Andy |  | Via Teleconference |
| Holden, Curry |  | Via Teleconference |
| Holt, Blake |  | Via Teleconference |
| Huang, Fred |  | Via Teleconference |
| Kang, Sun Wook |  | Via Teleconference |
| Levine, Jonathan |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Maul, Donald |  | Via Teleconference |
| Mereness, Matt |  |  |
| Moreno, Alfredo |  | Via Teleconference |
| Phillips, Cory |  |  |
| Rosel, Austin |  | Via Teleconference |
| Ruane, Mark |  | Via Teleconference |
| Shaw, Pamela |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Troublefield, Jordan |  |  |
| Wasik-Gutierrez, Erin |  |  |
|  |  |  |

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

Martha Henson called the October 13, 2022 PRS meeting to order at 1:30 p.m.

Antitrust Admonition

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

Approval of Minutes (see Key Documents)[[1]](#footnote-1)

*September 15, 2022*

Market Participants reviewed the September 15, 2022 PRS Meeting Minutes. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Technical Advisory Committee (TAC) Update

Ms. Henson reviewed the disposition of items considered at the September 28, 2022 TAC meeting, including the TAC request for PRS to develop the Revision Request to codify the Priority Revision Request Process. Ms. Henson noted that PRS Leadership and ERCOT Market Rules would present the draft Revision Request for consideration at the November 10, 2022 PRS meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized the 2022 release targets, reviewed the additional project status information, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson summarized discussion items at the September 29, 2022 Technology Working Group (TWG) meeting. Mr. Anderson presented supplemental Impact Analysis statistics for the Revision Request Project Review, as requested at the September 15, 2022 PRS Meeting. Fred Huang summarized recent discussion on the Outage Scheduler enhancement project, reviewed the potential change items, and reminded Market Participants of the ERCOT request that Stakeholder feedback on the issues be submitted to [OCSupv@ercot.com](mailto:OCSupv@ercot.com) by October 14, 2022.

Matt Mereness summarized the ERCOT Market Notices sent on October 11, 2022 and October 12, 2022 in preparation for the October 13, 2022 production implementation of Fast-Frequency Response Advancement (FFRA) and Firm Fuel Supply Service (FFSS), noted the upgrade timelines, reminded Market Participants of the technical and business process changes, and reviewed the ERCOT support and mitigation available during the cutover for the FFR project. Alfredo Moreno summarized potential impacts to Ancillary Service Trades (AS Trades) for Qualified Scheduling Entities (QSEs) during the operational and system cutover activities and detailed the trade confirmation process.

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

*Nodal Protocol Revision Request (NPRR) 1128, Allow FFR Procurement up to FFR Limit Without*

*Proration*

Market Participants reviewed the 9/15/22 PRS Report and 10/11/22 Impact Analysis and discussed the appropriate priority and rank for NPRR1128. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1148, Language Cleanup Related to ERCOT Contingency Reserve Service (ECRS)*

Market Participants reviewed the 9/15/22 PRS Report and 8/30/22 Impact Analysis for NPRR1148. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*System Change Request (SCR) 821, Voltage Set Point Target Information for Distribution Generation Resource (DGR) or Distribution Energy Storage Resource (DESR)*

Market Participants noted the 10/11/22 ERCOT comments requesting additional time to develop the Impact Analysis. PRS took no action on this item.

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*

*NPRR1089, Requiring Highest-Ranking Representative, Official, or Officer of a Resource Entity to Execute Weatherization and Natural Gas Declarations*

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

*NPRR1144, Station Service Backup Power Metering*

*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*

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

PRS took no action on these items.

*NPRR1132, Communicate Operating Limitations during Cold and Hot Weather Conditions*

Market Participants reviewed the 10/4/22 ROS comments and 10/12/22 WMS comments to NPRR1132. Andy Nguyen summarized the 10/10/22 LCRA comments to NPRR1132. Ian Haley summarized the 10/11/22 Luminant comments to NPRR1132. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1138, Communication of Capability and Status of Online IRRs at 0 MW Output*

Stephen Solis noted that in consideration the reliability issues, additional stakeholder discussions, 10/11/22 AEP comments, and pending NPRR1138 clarifications from Luminant and EDFR, ERCOT is anticipating requesting Urgent status for NPRR1138 at the November 10, 2022 PRS meeting. Mr. Solis reviewed the Revision Request timeline for project implementation by February 2023. PRS took no action on this item.

Review of Revision Request Language (see Key Documents)

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

Pamela Shaw summarized NPRR1149 and the 9/27/22 ERCOT comments. Aaron Townsend summarized the 9/20/22 IMM comments to NPRR1149. Market Participants requested review of the issues by the Wholesale Market Subcommittee (WMS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1150, Related to NOGRR230, WAN Participant Security*

Doug Fohn summarized NPRR1150 and the 10/12/22 ERCOT comments. Market Participants requested that NPRR1150 be tabled in anticipation of further discussion regarding Nodal Operating Guide Revision Request (NOGRR) 230 at the November 7, 2022 Reliability and Operations Subcommittee (ROS) meeting. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

**Caitlin Smith moved to approve the Combined Ballot as follows:**

* **To approve the September 15, 2022 PRS Meeting Minutes as presented**
* **To endorse and forward to TAC the 9/15/22 PRS Report and 10/11/22 Impact Analysis for NPRR1128 with a recommended priority of 2023 and rank of 3760**
* **To endorse and forward to TAC the 9/15/22 PRS Report and 8/30/22 Impact Analysis for NPRR1148**
* **NPRR1132 - To recommend approval of NPRR1132 as amended by the 10/11/22 Luminant comments**
* **To table NPRR1149 and refer the issue to WMS**
* **To table NPRR1150**

**Ian Haley seconded the motion. The motion carried with one abstention from the Consumer (Occidental) Market Segment.** *(Please see ballot posted with Key Documents.)*

Other Business

*2023 ERCOT Membership/Segment Representative Elections*

Suzy Clifton reminded Market Participants that the membership date of record is Friday, November 18, 2022, noted Market Notice M-C100322, ERCOT Membership Application for 2023 Membership Year Now Available, was sent on October 3, 2022, and stated that 2023 Segment Representative Elections for TAC and Subcommittees would begin the week after the record date. In response to Market Participant concerns for potential amendments to the Amended and Restated Bylaws of Electric Reliability Council of Texas, Inc. Approved October 12, 2021, and the 2023 ERCOT Membership Application and Agreement (Application), Jonathan Levine stated that the rights of Members are controlled by the ERCOT Bylaws currently in effect, the Application changes do not impact Member rights, and the applicant agrees to abide by the ERCOT Bylaws, as they may be amended from time to time, and any other rule or regulation duly adopted by the Board of Directors. Mr. Levine offered to provide clarifications on the issues in the forthcoming Reminder 2023 Membership Application Market Notice.

Andy Gallo noted that Phase two of PUC Rule 16 Texas Administrative Code (TAC) § 25.55, Weather Emergency Preparedness, was adopted September 29, 2022, reviewed concepts for the ERCOT NPRR that will be filed requesting Urgent status to effectuate the Protocol changes, and encouraged Market Participants to attend the October 25, 2022 Winter Weatherization Workshop for Generation Resources at 8:30 a.m. and the Winter Weatherization Workshop for Transmission Service Providers at 1:30 p.m.

Adjournment

Ms. Henson adjourned the October 13, 2022 PRS meeting at 11:10 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/event?id=1620941457433> unless otherwise noted [↑](#footnote-ref-1)