**APPROVED**

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

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

**Thursday, August 11, 2022 – 1:00 p.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Bunch, Kevin | EDF Trading |  |
| Coleman, Diana | CPS Energy | Via Teleconference |
| Day, Smith | Denton Municipal Electric (DME) | Via Teleconference |
| Goff, Eric | Residential Consumer |   |
| Gross, Blake | AEP Service Corporation (AEPSC) | Via Teleconference |
| Haley, Ian | Luminant Generation (Luminant) |  |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Mindham, David | EDP Renewables  |  |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) | Via Teleconference |
| Trevino, Melissa | Occidental Chemical (Occidental) | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) |  |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| White, Lauri | AEPSC | Alt. Rep. for Blake Gross |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power | 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 |  |
| Blackburn, Don | Hunt Energy Network Power Marketing | Via Teleconference |
| Blakey, Eric | Just Energy | Via Teleconference |
| Boggs, Callie | Eric Winters Goff, LLC | Via Teleconference |
| Camet, Brooke | OPUC | Via Teleconference |
| Chiang, Richard | WattBridge | Via Teleconference |
| Claiborn-Pinto, Shawnee | PUCT | Via Teleconference |
| Coffee, Jennifer | Texas Pipeline Association | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Daigneault, Ralph | Potomac Economics | Via Teleconference |
| Dollar, Zachary | PUCT | Via Teleconference |
| Dreyfus, Mark | MD Energy Consulting | Via Teleconference |
| Headrick, Bridget | Customized Energy Solutions | Via Teleconference |
| Helton, Bob | ENGIE |  |
| Hubbard, John | TIEC |  |
| Jewell, Michael | Enel North America; Plus Power  |  |
| Jolly, Emily | Lower Colorado River Authority (LCRA) | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Kolb, Lloyd | Invenergy | Via Teleconference |
| Kilroy, Taylor | TPPA | Via Teleconference |
| Lacek, Mollie | Talen Energy | Via Teleconference |
| Lee, Jim | CNP |  |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Musher, Danny | Key Capture Energy | Via Teleconference |
| Nguyen, Andy | LCRA |  |
| Noyes, Theresa | LCRA | Via Teleconference |
| Orr, Rob | Lone Star Transmission | Via Teleconference |
| Petäjäsoja, Ida | inBalance | Via Teleconference |
| Pokharel, Nabaraj | OPUC | Via Teleconference |
| Pyka, Greg | Schneider Engineering | Via Teleconference |
| Reed, Cyrus | Sierra Club | Via Teleconference |
| Reid, Walter | APA | Via Teleconference |
| Sams, Bryan | Calpine  |  |
| Scott, Kathy | CNP |  |
| Siddiqi, Shams | Crescent Power Consulting | Via Teleconference |
| Sithuraj, Murali | Austin Energy | Via Teleconference |
| Smith, Caitlin | Jupiter Power  | Via Teleconference |
| Townsend, Aaron | Potomac Economics | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Uy, Manny | Hunt Energy | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power  |  |
| Wu, Tiffany | PUCT | Via Teleconference |
| Xie, Fei | Austin Energy | Via Teleconference |
| Zhang, Wen | Shell Energy North America (SENA) | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |   |
| Anderson, Troy |  |  |
| Billo, Jeff |  | Via Teleconference |
| Boren, Ann |  |  |
| Castillo, Leo |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Dwyer, Davida |  | Via Teleconference |
| Gleason, Brandon |  | Via Teleconference |
| Gonzalez, Ino |  |  |
| Holden, Curry |  | Via Teleconference |
| Huang, Fred |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Maul, Donald |  | Via Teleconference |
| Mereness, Matt |  | Via Teleconference |
| Phillips, Cory |  |  |
| Roberts, Randy |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Ruane, Mark |  | Via Teleconference |
| Shaw, Pamela |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Troublefield, Jordan |  | Via Teleconference |
| Tucker, Don |  | Via Teleconference |
| Wasik-Gutierrez, Erin |  |  |
| Zeplin, Rachel |  | Via Teleconference |

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

Martha Henson called the August 11, 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 (see Key Documents)[[1]](#footnote-1)

*July 13, 2022*

*July 22, 2022*

Market Participants reviewed the July 13 and July 22, 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 July 27, 2022 TAC meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, reviewed the 2022 release targets, summarized in-flight strategic projects, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson presented highlights of the August 4, 2022 Technology Working Group (TWG) meeting. Mr. Anderson summarized the discussion on the “Not Started” Revision Request List at the July 22, 2022 PRS meeting and presented the additional project status information requested. Matt Mereness noted that in preparation for the October 13, 2022 production implementation of Fast-Frequency Response Advancement (FFRA) and Firm Fuel Supply Service (FFSS), ERCOT will be deploying system changes into the Market Operations Test Environment (MOTE) environment on August 12, 2022, MOTE will be available for Market Participants to test starting August 15, 2022, and ERCOT would be forwarding a Market Notice on August 11, 2022.

Urgency Vote (see Key Documents)

*Nodal Protocol Revision Request NPRR1144, Station Service Backup Power Metering*

Michael Jewell summarized NPRR1144, stated that Plus Power revoked its request for urgent status, and requested that PRS table NPRR1144 in anticipation of further discussion at the August 25, 2022 Metering Working Group (MWG) Meeting and potential clarifications.

**Bob Wittmeyer moved to table NPRR1144 and refer the issue to the Wholesale Market Subcommittee (WMS). Bryan Sams seconded the motion. The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

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

*NPRR1058, Resource Offer Modernization*

Market Participants reviewed the 8/2/22 Impact Analysis and Business case for NPRR1058, and recommended a priority and rank to indicate stakeholders’ desire to have NPRR1058 implemented as soon as possible to avoid fuel cost issues. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*System Change Request (SCR) 820, Operator Real-Time Messaging During Emergency*

PRS took no action on this item.

Revision Requests Tabled at PRS (see Key Documents)

*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*

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

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

PRS took no action on these items.

*NPRR956, Designation of Providers of Transmission Additions*

Market Participants discussed NPRR956 and noted that although the 11/12/19 ERCOT comments captured the concerns of pending litigation, this was several years ago. Some Market Participants requested an opportunity to revisit the issues with ERCOT Staff and offered to provide a recommendation at the September 15, 2022 PRS meeting.

*NPRR981, Day-Ahead Market Price Correction Process*

Ian Haley summarized NPRR981 and discussion at the August 3, 2022 WMS meeting. Ms. Henson requested the sponsor provide an update or additional clarifications for NPRR981 at the September 15, 2022 PRS meeting. PRS took no action on this item.

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

Market Participants discussed NPRR1067 and the related concepts in NPRR1073, Market Entry/Participation by Principals of Counter-Parties with Financial Obligations. Ann Boren noted that NPRR1067 and other tabled Revision Requests would be discussed at the August 15, 2022 Reliability and Markets Committee meeting. Ms. Henson requested the sponsor provide an update or additional clarifications for NPRR981 at the September 15, 2022 PRS meeting. PRS took no action on this time.

*NPRR1084, Improvements to Reporting of Resource Outages and Derates*

Stephan Solis summarized NPRR1084, noted that at the August 10, 2022 Reliability and Operations Subcommittee (ROS) meeting, ROS endorsed NPRR1084 as amended by the 7/19/22 ERCOT comments, stated that the concepts proposed in the 8/4/22 Joint Commenters comments should be considered in a separate Revision Request, and requested that PRS recommend approval of NPRR1084 as amended by the 7/19/22 ERCOT comments. Market Participants reviewed the 7/19/22 ERCOT comments and requested additional information related to any upcoming Outage Scheduler projects and how NPRR1084 would tie in with those efforts. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1118, Clarifications to the OSA Process*

Market Participants reviewed the 8/5/22 WMS comments and 8/11/22 ROS comments to NPRR1118, and corrected a reference within paragraph (1)(b) of Section 3.1.6.9, Withdrawal of Approval or Acceptance and Rescheduling of Approved or Accepted Planned Outages of Resource Facilities, which was also identified in the 8/11/22 ROS comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1126, Default Uplift Allocation Enhancement*

Eric Goff summarized the August 3, 2022 WMS discussion on NPRR1126 and noted that it is anticipated to be considered at the September 7, 2022 WMS meeting. PRS took no action on this item.

*NPRR1128, Allow FFR Procurement up to FFR Limit Without Proration*

Market Participants reviewed the 8/5/22 WMS comments and 8/11/22 ROS comments to NPRR1128. Opponents to NPRR1128 stated that, while the 7/15/22 ERCOT comments improved the language of NPRR1128, they could not support approval of it absent a clearly demonstrated reliability need for such preferential treatment.

**Bill Barnes moved to recommend approval of NPRR1128 as amended by the 7/15/22 ERCOT comments. Kevin Bunch seconded the motion. The motion carried with one objection from the Consumer (Occidental) Market Segment.** *(Please see ballot posted with Key Documents.)*

*NPRR1139, Adjustments to Capacity Shortfall Ratio Share for IRRs*

Market Participants reviewed the 7/29/22 ERCOT comments and 8/5/22 WMS comments to NPRR1139. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1140, Recovering Fuel Costs for Generation Above LSL During RUC-Committed Hours*

Market Participants reviewed NPRR1140 and the 8/5/22 WMS comments and 8/10/22 ERCOT comments to NPRR1140. Andy Nguyen summarized the 8/9/22 LCRA comments. Cory Phillips noted the 8/10/22 ERCOT comments were inclusive of the 8/9/22 LCRA comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*SCR821, Voltage Set Point Target Information for Distribution Generation Resource (DGR) or Distribution Energy Storage Resource (DESR)*

Market Participants noted that at the August 10, 2022 ROS meeting, ROS endorsed SCR821 as submitted.

**Lauri White moved to recommend approval of SCR821 as submitted. Mr. Wittmeyer seconded the motion. The motion carried with three abstentions from the Independent Retail Electric Provider (IREP) (Reliant) and Investor Owned Utility (IOU) (2) (Oncor, CNP) Market Segments.** *(Please see ballot posted with Key Documents.)*

Review of Revision Request Language (see Key Documents)

*NPRR1141, Require Notary Public for NCI and Notice of Change of Banking Information Forms*

Mr. Haley summarized the 7/26/22 Luminant comments to NPRR1141. Market Participants reviewed the 8/9/22 ERCOT comments to NPRR1141, and expressed concern that requiring a notary public for all Notice of Change of Information (NCI) changes would be overly burdensome, given the existing protections already in place under the current process for updating NCIs and banking information. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

Nitika Mago summarized NPRR1143. Market Participants expressed confusion regarding NPRR1143’s mechanics and concern toward NPRR1143’s potential reliability impacts and pricing aspects. Market Participants requested clarifying discussions be held at ROS and the Wholesale Market Working Group (WMWG). Ms. Mago reviewed the Revision Request timeline for NPRR1143 for consideration at the December 20, 2022 ERCOT Board meeting, and encouraged Market Participants to contact her with comments and concerns in advance of the Stakeholder discussions. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1144, Station Service Backup Power Metering*

This item was considered under Urgency.

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

Randy Roberts reviewed NPRR1145 and the 8/10/22 ERCOT comments. Market Participants requested that ERCOT provide additional analysis and that NPRR1145 be tabled and referred to WMS for further discussion.

Combined Ballot

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

* **To approve the July 13, 2022 and July 22, 2022 meeting minutes as presented**
* **To endorse and forward to TAC the 7/13/22 PRS Report and 8/2/22 Impact Analysis for NPRR1058 with a recommended priority of 2023 and rank of 3715**
* **To recommend approval of NPRR1084 as amended by the 7/19/22 ERCOT comments**
* **To recommend approval of NPRR1118 as amended by the 6/13/22 ERCOT comments as revised by PRS**
* **To recommend approval of NPRR1139 as amended by the 7/29/22 ERCOT comments**
* **To recommend approval of NPRR1140 as amended by the 8/10/22 ERCOT comments**
* **To reject NPRR1141**
* **To table NPRR1143 and refer the issue to ROS and WMS**
* **To table NPRR1145 and refer the issue to WMS**

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

Other Business

*TAC Subcommittee Structural Review*

Market Participants discussed efficiencies in PRS meetings, including email voting, Special PRS meetings, and eliminating mandatory monthly meetings. Ms. Henson encouraged Market Participants to attend the September 12, 2022 TAC and Subcommittee Structural Review by Webex Only.

*2023 Meeting Schedule*

Ms. Henson noted the potential for PRS meeting dates to conflict with future Public Utility Commission of Texas (PUCT) Open Meetings and stated that 2023 PRS meetings will default to a 1:30PM start on those dates.

Ms. Henson noted that the September 15, 2022 PRS meeting conflicts with the PUCT Open meeting, and therefore, will begin at 1:30 p.m.

Adjournment

Ms. Henson adjourned the August 11, 2022 PRS meeting at 11:24 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at [https://www.ercot.com/calendar/event?id=1652453968865](https://www.ercot.com/calendar/event?id=1620941421567) unless otherwise noted [↑](#footnote-ref-1)