**APPROVED**

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

**Friday, November 11, 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 |  |
| Basaran, Harika | PUCT |  |
| Benson, Mariah | PUCT |  |
| Bivens, Carrie | Potomac Economics |  |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) |  |
| Boisseau, Heather | LCRA |  |
| Callender, Hudson | CPS Energy |  |
| Campo, Curtis | GP&L |  |
| Cotton, Ashley | GEUS |  |
| Coultas, Ann | Enel Green Power |  |
| Daigneault, Ralph | Potomac Economics |  |
| Dreyfus, Mark | City of Eastland |  |
| Headrick, Bridget | Customized Energy Solutions |  |
| Hubbard, John | TIEC |  |
| Jewell, Michael  | Jewell and Associates  |  |
| Jolly, Emily | Lower Colorado River Authority (LCRA) |  |
| Lasher, Warren |  |  |
| Lee, Jim | CenterPoint Energy |  |
| Lotter, Eric | Grid Monitor |  |
| Macaraeg, Tad | STEM |  |
| Macias, Jesse | AEPSC |  |
| McKeever, Debbie | Oncor |  |
| Murdock, John | Plus Power |  |
| Noyes, Theresa | LCRA |  |
| Orr, Rob | Lone Star Transmission |  |
| Petajasoja, Ida | InBalance |  |
| Pokharel, Nabaraj | OPUC |  |
| Ramaswamy, Ramya | PUCT |  |
| Reedy, Steve | CIM View Consulting |  |
| Reid, Walter | APA |  |
| Ritch, John | NextEra Energy |  |
| Siddiqi, Shams | Crescent Power Consulting |  |
| Sithuraj, Murali | LCRA |  |
| Snyder, Bill | AEPSC |  |
| Trefny, Floyd |  |  |
| True, Roy | ACES |  |
| Velasquez, Ivan | Oncor |  |
| Wall, Perrin | CNP |  |
| Walker, Floyd | PUCT |  |
| Wittmeyer, Bob | Broad Reach Power  |  |
| Xie, Fei | Austin Energy |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Bigbee, Nathan |  |  |
| Billo, Jeff |  |  |
| Blevins, Bill  |  |  |
| Boren, Ann |  |  |
| Castillo, Leo |  |  |
| Chambers, Jason |  |  |
| Clifton, Suzy |  |  |
| Dinopol, Ohlen |  |  |
| Fohn, Doug |  |  |
| Frosch, Colleen |  |  |
| Garcia, Freddy |  |  |
| Gallo, Andy |  |  |
| Herrera, Shane |  |  |
| Huang, Fred |  |  |
| Kang, Sun Wook |  |  |
| Koepke, Joel |  |  |
| Loera, Amy |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  |  |
| Magarinos, Marcelo |  |  |
| Maul, Donald |  |  |
| Pedigo, Jake |  |  |
| Phillips, Cory |  |  |
| Roberts, Randy |  |  |
| Rosel, Austin |  |  |
| Sanchez, Daniel |  |  |
| Shaw, Pamela |  |  |
| Teixeira, Jay |  |  |
| Tucker, DonTroublefield, JordanWasik-Gutierrez, Erin |  |  |

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

Martha Henson called the November 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)

*October 13, 2022*

Market Participants reviewed the October 13, 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

*Draft Nodal Protocol Revision Request (NPRR), Priority Revision Request Process*

Ms. Henson reviewed the disposition of items considered at the October 26, 2022 TAC meeting, reminded Market Participants of the TAC request for PRS to develop a Revision Request to codify the Priority Revision Request Process, and presented draft concepts. In response to Market Participants concerns on a proposed 180-day timeline, Ms. Henson noted the current tools available to PRS, including urgent status and special PRS meetings. Ms. Henson encouraged Market Participants to forward proposed edits or comments to the draft concepts to PRS leadership in advance of the November 18, 2022 submittal date and noted the Revision Request would be considered at the December 8, 2022 PRS meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized the 2022 and 2023 release targets, reviewed the additional project status information, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson summarized discussion at the November 10, 2022 Technology Working Group (TWG) meeting and stated that enhanced communication and Market Participants efforts resulted in a successful implementation of the Fast-Frequency Response Advancement (FFRA) and Firm Fuel Supply Service (FFSS) projects.

Urgency Vote (Vote) (see Key Documents)

*NPRR1152, Remove Requirements to Submit Emergency Operations Plans, Weatherization Plans, and Declarations of Summer/Winter Weather Preparedness*

Andy Gallo summarized NPRR1152 and the request for Urgent status. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1154, Include Alternate Resource in the Availability Plan for the Firm Fuel Supply Service*

Emily Jolly reviewed the request for Urgent status. Market Participants expressed support to consider NPRR1154 for Urgent status. Ms. Jolly provided an overview of NPRR1154 and the 11/9/22 LCRA comments. Austin Rosel reviewed NPRR1154 calculations. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

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

Nitika Mago summarized the 10/14/22 ERCOT comments to NPRR1132. Market Participants reviewed the 10/13/22 PRS Report, 11/1/22 Revised Impact Analysis, and appropriate priority and rank for NPRR1132. 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 reviewed the 9/15/22 PRS Report and 11/8/22 Impact Analysis and discussed the appropriate priority and rank for SCR821. Some Market Participants expressed concern that implementation of SCR821 not adversely affect the high priority Energy Management System (EMS) upgrade.

**Blake Gross moved to endorse and forward to TAC the 9/15/22 PRS Report and 11/8/22 Impact Analysis for SCR821 with a recommended priority of 2024 and rank of 4000. Ms. Jolly seconded the motion. The motion carried with two abstentions from the Investor Owned Utility (IOU) (Oncor, CNP) Market Segment.** *(Please see ballot posted with Key Documents.)*

*Nodal Operating Guide Revision Request (NOGRR) 226, Addition of Supplemental UFLS Stages (Waive Notice)*

Ms. Henson noted that due to the timing of the November 7, 2022 Reliability and Operations Subcommittee (ROS) meeting and endorsement of NOGRR226, a successful motion to waive notice would be required for PRS to take action on NOGRR226. Market Participants expressed support to waive notice to consider NOGRR226. Ms. Mago summarized the implementation timeline concerns discussed at the November 7, 2022 ROS meeting and stated that ERCOT would be providing clarifications in advance of the December 5, 2023 TAC meeting. Market Participants reviewed the 11/7/22 ROS Report, 11/1/22 Impact Analysis and recommended priority and rank for NOGRR226. Ms. Henson noted this item 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*

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

PRS took no action on these items.

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

Ms. Henson reminded Market Participants of the NPRR1138 discussion at the October 13, 2022 PRS meeting. Market Participants reviewed the 11/7/22 Luminant comments; the 11/10/22 ERCOT comments and the request for urgency; and ROS’s endorsement of NPRR1138 as amended by the 11/7/22 Luminant comments at the November 7, 2022 ROS meeting. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1144, Station Service Backup Power Metering*

Market Participants reviewed NPRR1144, the 8/29/22 Joint Commenters comments and the 11/9/22 WMS comments. Some Market Participants expressed concern for the concepts in NPRR1144 and conflicts with their company standards.

**Bob Wittmeyer moved to recommend approval of NPRR1144 as amended by the 8/29/22 Joint Commenters comments. David Mindham seconded the motion. The motion carried with three abstentions from Consumer (Occidental), Cooperative (LCRA), and IOU (CNP) Market Segments.** *(Please see ballot posted with Key Documents.)*

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

Market Participants reviewed NPRR1147 and noted the ROS endorsement of NPRR1147 as submitted. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1150, Related to NOGRR230, WAN Participant Security*

Market Participants reviewed NPRR1150, the 10/24/22 ERCOT comments, 10/26/22 ERCOT comments, and 11/4/22 ACES comments, and requested that NPRR1150 be tabled and referred to ROS in anticipation of continued NOGRR230 discussion. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1151, Protocol Revision Subcommittee Meeting Requirement*

Ms. Henson summarized NPRR1151. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1152, Remove Requirements to Submit Emergency Operations Plans, Weatherization Plans, and Declarations of Summer/Winter Weather Preparedness*

This item was considered with Urgent status.

*NPRR1153, ERCOT Fee Schedule Changes*

Doug Fohn summarized NPRR1153. Market Participants requested additional time to review the issues. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Notice of Withdrawal

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

Ms. Henson noted the withdrawal of NPRR1089.

Combined Ballot

**Ms. Jolly moved to approve the Combined Ballot as follows:**

* **To approve the October 13, 2022 PRS Meeting Minutes as presented**
* **To grant NPRR1152 Urgent status; to recommend approval of NPRR1152 as submitted; and to forward to TAC NPRR1152 and the 10/20/22 Impact Analysis**
* **To grant NPRR1154 Urgent status; to recommend approval of NPRR1154 as amended by the 11/9/22 LCRA comments; and to forward to TAC NPRR1154**
* **To endorse and forward to TAC the 10/13/22 PRS Report as amended by the 10/14/22 ERCOT comments and 11/1/22 Revised Impact Analysis for NPRR1132 with a recommended priority of 2023 and rank of 340**
* **To waive notice for NOGRR226 and endorse the ROS recommended priority of 2023 and rank of 3900 for NOGRR226**
* **To grant NPRR1138 Urgent status; to recommend approval of NPRR1138 as amended by the 11/7/22 Luminant comments; and to forward to TAC NPRR1138 and the 5/25/22 Impact Analysis**
* **To recommend approval of NPRR1147 as submitted**
* **To table NPRR1150 and refer the issue to ROS**
* **To recommend approval of NPRR1151 as submitted**
* **To table NPRR1153**

**Mr. Wittmeyer seconded the motion. The motion carried unanimously.** *(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, and stated that 2023 Segment Representative Elections for TAC and Subcommittees would begin the week after the record date.

*Future PRS Meetings*

*December 8, 2023*

*January 12, 2023*

Ms. Henson noted that should there a conflict with a potential Public Utility Commission (PUCT) Open meeting on December 8, 2022, the December PRS meeting will be rescheduled to Tuesday, December 13, 2022. Ms. Henson stated that the January 12, 2023 PUCT Open meeting will necessitate a reschedule of the January 12, 2023 PRS meeting, and that a reschedule date will be confirmed as soon as possible.

Adjournment

Ms. Henson adjourned the November 11, 2022 PRS meeting at 11:31 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/11112022-PRS-Meeting-by-Webex> unless otherwise noted [↑](#footnote-ref-1)