**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

**ERCOT Austin – 7620 Metro Center Drive – Austin, Texas 78744**

**Thursday, March 14, 2019 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Blakey, Eric | Just Energy |  |
| Coleman, Diana | OPUC |  |
| Day, Smith | Denton Municipal Electric |  |
| Detelich, David | CPS Energy |  |
| Greer, Clayton | Morgan Stanley |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation |  |
| Harris, Brenda | Occidental Chemical | Alt. Rep. for M. Trevino |
| Henson, Martha | Oncor |  |
| Paff, Tom | Duke Energy | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative |  |
| Varnell, John | Tenaska Power Services |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Abbott, Kristin | | PUCT | | Via Teleconference |
| Ainspan, Malcolm | | NRG | | Via Teleconference |
| Alford, Anthony | | CenterPoint Energy | | Via Teleconference |
| Boisseau, Heather | | LCRA | | Via Teleconference |
| Bridges, Robert | | CenterPoint Energy | | Via Teleconference |
| Checkly, Jim | | Cross Texas Transmission | |  |
| Cochran, Seth | | DC Energy | |  |
| Cook, Tim | | Cross Texas Transmission | | Via Teleconference |
| Cortez, Sarai | | Sharyland | |  |
| Cripe, Ramsey | | Schneider Engineering | | Via Teleconference |
| Daigneault, Ralph | | Potomac Economics | |  |
| Downey, Marty | | Electranet Power | |  |
| Goff, Eric | | CitiGroup | |  |
| Helton, Bob | | Engie | |  |
| Juricek, Mike | | Oncor | | Via Teleconference |
| Lee, Jim | | AEP Service Corporation | |  |
| Martin, Collin | | Oncor | |  |
| Mathew, Paul | | CenterPoint Energy | | Via Teleconference |
| Morris, Sandy | | Direct Energy | |  |
| Muer, Katie | | Black and Veatch | | Via Teleconference |
| Ottaway, Cindy | | CTT | | Via Teleconference |
| Pak, Sam | | Oncor | |  |
| Pham, Michelle | | CenterPoint Energy | | Via Teleconference |
| Powell, Christian | | Pedernales Electric Cooperative | |  |
| Rainwater, Kim | | Environmental Defense Fund | |  |
| Rehfeldt, Diana | | Texas New Mexico Power | | Via Teleconference |
| Reid, Walter | | Advanced Power Alliance | | Via Teleconference |
| Rich, Katie | | Golden Spread Electric Cooperative | |  |
| Robertson, Jennifer | | LCRA | |  |
| Romero, Lara | | Aces Power | | Via Teleconference |
| Scott, Kathy | | CenterPoint Energy | |  |
| Siddiqi, Shams | | Crescent Power | | Via Teleconference |
| Sithuraj, Murali | | Austin Energy | |  |
| Stanfield, Leonard | | Invenergy | |  |
| Thompson, David | | Pedernales Electric Cooperative | | Via Teleconference |
| Tran, Diane | Texas Industrial Energy Consumers | |  | |
| Velasquez, Ivan | Oncor | |  | |
| Warren, John | LCRA | |  | |
| Whitworth, Doug | Texas Reliability Entity | | Via Teleconference | |
| Whittington, Pam |  | | Via Teleconference | |
| Whittle, Brandon | Calpine | |  | |
| Wittmeyer, Bob | Denton Municipal Electric | |  | |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Connor |  | | Via Teleconference | |
| Anderson, Troy |  | |  | |
| Bethke, Ponda |  | | Via Teleconference | |
| Bivens, Carrie |  | |  | |
| Boren, Ann |  | |  | |
| Bracy, Phil | |  | |  |
| Castillo, Leo | |  | | Via Teleconference |
| Chang, Sean | |  | |  |
| Day, Betty | |  | | Via Teleconference |
| Fohn, Doug | |  | |  |
| Hilliard, Marie | |  | | Via Teleconference |
| Hughes, Lindsey | |  | | Via Teleconference |
| Hui, Hailong | |  | | Via Teleconference |
| Levine, Jon | |  | |  |
| Morehead, Juliana | |  | |  |
| Phillips, Cory | |  | |  |
| Roberts, Randy | |  | |  |
| Rosel, Austin | |  | | Via Teleconference |
| Solis, Stephen | |  | | Via Teleconference |
| Stice, Clayton | |  | |  |
| Teixeira, Jay | |  | |  |
| Thomas, Shane | |  | |  |
| Thompson, Chad | |  | |  |
| Townsend, Aaron | |  | | Via Teleconference |
| Warnken, Pete | |  | | Via Teleconference |
| Wattles, Paul | |  | | Via Teleconference |
| Xiao, Hong | |  | | Via Teleconference |
| Zeplin, Rachel | |  | |  |

*Unless otherwise indicated, all Market Segments were present for a vote.*

Martha Henson called the March 14, 2019 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)

*February 14, 2019*

**John Varnell moved to approve the February 14, 2019 meeting minutes as submitted. Blake Gross seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report

Ms. Henson noted that TAC and the ERCOT Board had not met since the February 14, 2019 PRS meeting.

Project Update and Summary of Project Priority List (PPL) Activity to Date (see Key Documents)

Troy Anderson provided a project update and summary of PPL activity, reviewed the 2019 release targets and project spending, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson presented the results of ERCOT’s annual review of Impact Analysis results, and highlighted variances from project costs and duration ranges.

Annual Review of Other Binding Document List

Ms. Henson reminded Market Participants of the PRS annual obligation to review the list of Other Binding Documents, presented the current list, and noted the significant decrease. Market Participants and ERCOT Staff discussed the list and the change control process for Other Binding Documents. Market Participants requested additional time to review inclusion of the ERCOT Nodal ICCP Communication Handbook to the list of Other Binding Documents and noted the potential to submit Revision Requests to move the Electric Reliability Organization Fee Assessment and Collection Guide, Methodology for Implementing Operating Reserve Demand Curve (ORDC) to Calculate Real-Time Reserve Price Adder, and Requirements for Aggregate Load Resource Participation in the ERCOT Markets, to the Protocols.

Urgency Vote

*Nodal Protocol Revision Request (NPRR) 925, Increasing Minimum Quantity for PTP Obligation Bids*

Carrie Bivens requested urgent status so that NPRR925 and System Change Request (SCR) 798, PTP Obligation Bid ID Limit, could be approved and implemented concurrently.

**Clayton Greer moved to grant NPRR925 Urgent status. Ian Haley seconded the motion. The motion carried unanimously.**

**Mr. Greer moved to recommend approval of NPRR925 as submitted, and to forward NPRR925 and the Impact Analysis to TAC. Bill Barnes seconded the motion. The motion carried unanimously.**

Review PRS Reports, Impact Analyses, and Prioritization

*NPRR891, Removal of NOIE Capacity Reporting Threshold for the Unregistered Distributed Generation Report*

*NPRR900, Clean-up Items Applicable to the State of Texas REC Trading Program*

*NPRR908, Revisions to Mass Transition Processes*

**Mr. Greer moved to endorse and forward to TAC the respective 2/14/19 PRS Reports and Impact Analyses for NPRR891 and NPRR908, and the 2/14/19 PRS Report and Revised Impact Analysis for NPRR900. Mr. Barnes seconded the motion. The motion carried unanimously.**

*NPRR912, Settlement of Switchable Generation Resources (SWGRs) Instructed to Switch to ERCOT*

Market Participants offered administrative clarifications to NPRR912.

**Mr. Barnes moved to endorse and forward to TAC the 2/14/19 PRS Report as revised by PRS and the Impact Analysis for NPRR912. Mr. Greer seconded the motion. The motion carried unanimously.**

*NPRR920, Change to Ramp Rate Calculation in Resource Limit Calculator*

Market Participants reviewed the 3/11/19 ERCOT comments and discussed the Impact Analysis and appropriate priority and rank for NPRR920.

**Mr. Greer moved to endorse and forward to TAC the 2/14/19 PRS Report as amended by the 3/11/19 ERCOT comments and Impact Analysis for NPRR920 with a recommended priority of 2019 and rank of 2690. Mr. Barnes seconded the motion. The motion carried unanimously.**

*NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource*

Market Participants discussed the 3/12/19 ERCOT comments and offered administrative clarifications, and reviewed the Impact Analysis for NPRR921.

**Mr. Greer moved to endorse and forward to TAC the 2/14/19 PRS Report as amended by the 3/12/19 ERCOT comments as revised by PRS and the Impact Analysis for NPRR921. Marty Downey seconded the motion. The motion carried unanimously.**

*NPRR922, Modifications to DC Tie Import Forecast Method*

**Mr. Greer moved to endorse and forward to TAC the 2/14/19 PRS Report and the Impact Analysis for NPRR922. Mr. Downey seconded the motion. The motion carried unanimously.**

Revision Requests Tabled at PRS (see Key Documents)

*NPRR826, Mitigated Offer Caps for RMR Resources*

*NPRR838, Updated O&M Cost for RMR Resources*

*NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI*

*NPRR872, Modifying the SASM Shadow Price Cap*

*NPRR904, Revisions to Real-Time On-Line Reliability Deployment Price Adder for ERCOT-Directed Actions Related to DC Ties*

*NPRR913, Generator Interconnection Neutral Project Classification*

*NPRR917, Nodal Pricing for Settlement Only Distribution Generators (SODGs) and Settlement Only Transmission Generators (SOTGs)*

*NPRR918, Validation Clarification for PTP Obligations with Links to an Option*

*NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks*

PRS took no action on these items.

*NPRR823, Amend the Definition of an Affiliate*

Doug Fohn summarized the history of NPRR823 and the 3/7/19 ERCOT comments, stated that the substantive changes include replacing certain instances of the term “Entity” with “Market Participant” to clarify the relationship an Entity must have relative to the Market Participant to be considered an Affiliate, and summarized the different thresholds for voting in the ERCOT Bylaws, Protocols, and Public Utility Regulatory Act (PURA). Market Participants requested additional time to review the issues.

**Ms. Barnes moved to table NPRR823. Mr. Haley seconded the motion. The motion carried unanimously.**

*NPRR885, Must-Run Alternative (MRA) Details and Revisions Resulting from PUCT Project No. 46369, Rulemaking Relating to Reliability Must-Run Service*

*NPRR896, Reliability Must-Run and Must-Run Alternative Evaluation Process*

**Mr. Greer moved to recommend approval of NPRR885 as amended by the 1/22/19 ERCOT comments and to recommend approval of NPRR896 as submitted. Mr. Barnes seconded the motion. The motion carried unanimously.**

*NPRR902, ERCOT Critical Energy Infrastructure Information*

Jon Levine summarized the 3/13/19 ERCOT comments, stated ERCOT intends to host a third workshop on the issues in April 2019, and encouraged Market Participants to submit comments regarding the Creating Party concept and intra-organizational sharing, particularly regarding the burdens that would potentially be imposed on Market Participants as a result of those proposals, prior to the workshop. PRS took no action on this item.

*NPRR903, Day-Ahead Market Timing Deviations*

Market Participants and ERCOT Staff discussed the history of NPRR903; the Day-Ahead Market (DAM) clearing process; the 2/19/19 DC Energy comments, 2/22/19 CPS Energy comments, and 3/4/19 ERCOT comments; and the current discussions at the Wholesale Market Subcommittee (WMS). Some Market Participants expressed concern that language in NPRR903 is overly broad and lacks the option for impacted parties to seek relief through the Alternative Dispute Resolution (ADR) Procedure. ERCOT Staff reminded Market Participants of the ADR issues in NPRR807, Day-Ahead Market Price Correction, which was withdrawn, and stated ERCOT has the current authority to take specific actions and that NPRR903 will provide greater transparency for those actions. Eric Goff opined that by specifying ERCOT may take any manual action necessary to ensure the DAM clearing process completes expands the current authority ERCOT has and offered to provide clarifications to NPRR903. PRS took no action on this item.

Review of Revision Request Language (see Key Documents)

*NPRR923, Revision to Weather Responsiveness Determination Process*

Sam Pak summarized NPRR923. Market Participants and ERCOT Staff discussed minor revision impacts to Settlements.

**Mr. Greer moved to recommend approval of NPRR923 as submitted. Eric Blakey seconded the motion. The motion carried unanimously.**

*NPRR924, Addition of Form to Section 23 - IMRE Application for Registration*

**Mr. Greer moved to recommend approval of NPRR924 as submitted. Mr. Gross seconded the motion. The motion carried unanimously.**

*NPRR926, Removal of 90-Day Period Between SSR Study Approval and Synchronization*

Jay Teixeira summarized NPRR926. Market Participants expressed concern for identification of potential SSR impacts and requested additional review by the Reliability and Operations Subcommittee (ROS).

**Mr. Gross moved to table NPRR926 and refer the issue to ROS. Mr. Haley seconded the motion. The motion carried unanimously.**

*SCR799, ERCOT Outage Study Cases in the System Operations Test Environment (SOTE)*

Collin Martin summarized SCR799 and stated it would allow Transmission Service Providers (TSPs) to proactively analyze Outages. Market Participants expressed support for SCR799 and stated that providing TSPs with greater operational awareness would improve the quality of Outages.

**Mr. Greer moved to recommend approval of SCR799 as submitted. Mr. Goff seconded the motion. The motion carried unanimously.**

Resource Definition Task Force (RTF)

Mr. Wittmeyer reviewed RTF activities.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the March 14, 2019 PRS meeting at 11:21 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2019/3/14/164967-PRS> unless otherwise noted [↑](#footnote-ref-1)