**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

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

Attendance

*Members:*

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

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| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Abbott, Kristin | | PUCT | | Via Teleconference |
| Ainspan, Malcolm | | NRG | | Via Teleconference |
| Alford, Anthony | | CenterPoint Energy | | Via Teleconference |
| Ashley, Kristy | | Customized Energy Solutions | | Via Teleconference |
| Basaran, Harika | | Austin Energy | |  |
| Boisseau, Heather | | LCRA | | Via Teleconference |
| Bruce, Mark | | Cratylus Advisors | | Via Teleconference |
| Bryant, Mark | | PUCT | | Via Teleconference |
| Bunch, Kevin | | EDF Trading | | 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 | |  |
| Harris, Brenda | | Oxy | | Via Teleconference |
| Henderson, Norris | | FERC | | Via Teleconference |
| Hunt, David | | Oncor | |  |
| Jewell, Michael | | Enel X | |  |
| Jones, Randy | | Mountaineer | | Via Teleconference |
| Kee, David | | CPS Energy | |  |
| Lange, Clif | | South Texas Electric Cooperative | | Via Teleconference |
| Lee, Jim | | AEP Service Corporation | |  |
| McKeever, Debbie | | Oncor | | Via Teleconference |
| Morris, Sandy | | Direct Energy | |  |
| Pak, Sam | | Oncor | |  |
| Powell, Christian | | Pedernales Electric Cooperative | |  |
| Rainwater, Kim | | Environmental Defense Fund | |  |
| Reed, Carolyn | | CenterPoint Energy | |  |
| Rehfeldt, Diana | | Texas New Mexico Power | | Via Teleconference |
| Reid, Walter | | Advanced Power Alliance | | Via Teleconference |
| Rich, Katie | | Golden Spread Electric Cooperative | |  |
| Robertson, Jennifer | | LCRA | |  |
| Rochelle, Jennifer | | Customized Energy Solutions | | Via Teleconference |
| Sams, Bryan | | Lone Star Transmission | | Via Teleconference |
| Scott, Kathy | | CenterPoint Energy | |  |
| Shaw, Marka | | Exelon | | Via Teleconference |
| Siddiqi, Shams | | Crescent Power | |  |
| Smith, Caitlin | | Invenergy | | Via Teleconference |
| Stanfield, Leonard | | Invenergy | |  |
| Surendran, Resmi | | Shell Energy | | Via Teleconference |
| Teng, Shuye | | Austin Energy | | Via Teleconference |
| Thomas, Wayne | | Bryan Texas Utilities | |  |
| Tran, Diane | Texas Industrial Energy Consumers | |  | |
| True, Roy | ACES Power | | Via Teleconference | |
| Whittington, Pam |  | | Via Teleconference | |
| Whittle, Brandon | Calpine | |  | |
| Younger, Joseph | Texas Reliability Entity | | Via Teleconference | |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Connor |  | | Via Teleconference | |
| Anderson, Troy |  | |  | |
| Bethke, Ponda |  | | Via Teleconference | |
| Bivens, Carrie  Blevins, Bill |  | |  | |
| Boren, Ann |  | |  | |
| Boswell, Bill |  | | Via Teleconference | |
| Bracy, Phil | |  | |  |
| Castillo, Leo | |  | | Via Teleconference |
| Clifton, Suzy | |  | |  |
| Covington, Austin | |  | | Via Teleconference |
| Fohn, Doug | |  | | Via Teleconference |
| Hilliard, Marie | |  | | Via Teleconference |
| Hobbs, Kristi | |  | | Via Teleconference |
| Hui, Hailong | |  | | Via Teleconference |
| Hull, Gibson | |  | | Via Teleconference |
| Kane, Erika | |  | | Via Teleconference |
| Levine, Jon | |  | | Via Teleconference |
| Maggio, Dave | |  | |  |
| Matevosyan, Julia | |  | | Via Teleconference |
| Morehead, Juliana | |  | | Via Teleconference |
| Moreno, Alfredo | |  | | Via Teleconference |
| Ögelman, Kenan | |  | |  |
| Patterson, Mark | |  | |  |
| Phillips, Cory | |  | |  |
| Ragsdale, Ken | |  | |  |
| Roberts, Randy | |  | | Via Teleconference |
| Rosel, Austin | |  | |  |
| Ruane, Mark | |  | |  |
| Smith, Nathan | |  | | Via Teleconference |
| Solis, Stephen | |  | | Via Teleconference |
| Stice, Clayton | |  | |  |
| Taurozzi, Tina | |  | |  |
| Teixeira, Jay | |  | |  |
| Warnken, Pete | |  | | Via Teleconference |
| Wattles, Paul | |  | | Via Teleconference |
| Zeplin, Rachel | |  | |  |

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

Martha Henson called the February 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)

*January 17, 2019*

Market Participants offered administrative clarifications to the January 17, 2019 PRS meeting minutes.

**Diana Coleman moved to approve the January 17, 2019 meeting minutes as revised by PRS. Blake Gross seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report

Ms. Henson reported the disposition of Revision Requests considered at the January 30, 2019 TAC meeting, including NPRR906, Clarifying the Decision Making Entity Process, which TAC remanded to PRS, and the February 12, 2019 Board meeting.

2019 PRS Goals

**Mr. Gross moved to approve the 2019 PRS Goals as submitted. Eric Goff seconded the motion. The motion carried unanimously.**

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 summarized the funding expectations for Real-Time Co-optimization (RTC) discussed at the February 12, 2019 Board Meeting. In response to Market Participant questions on resource constraints due to impacts from RTC, Mr. Anderson stated that the issue is being reviewed internally. Mr. Anderson stated that the yearly Annual Project Report would be presented at the March 14, 2019 PRS meeting.

Review PRS Reports, Impact Analyses, and Prioritization

*Nodal Protocol Revision Request (NPRR) 906, Clarifying the Decision Making Entity Process*

Dave Maggio summarized the history of NPRR906 and the 1/21/19 ERCOT comments. Market Participants expressed concern that a designee has no recourse to being designated a Decision Making Entity (DME) by the owner of the Resource and requested the Wholesale Market Subcommittee (WMS) review the issues. Market Participants also requested future consideration be given to renaming the Resource Control Report the DME Report for clarity.

**Clayton Greer moved to endorse and forward to TAC the 11/15/18 PRS Report as amended by the 1/21/19 ERCOT comments and the Impact Analysis for NPRR906. Bob Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR909, Address Unavailability Gap for ERS and Other Minor Clarifications*

**Bill Barnes moved to endorse and forward to TAC the 1/17/19 PRS Report and Impact Analysis for NPRR909. Sandy Morris seconded the motion. The motion carried with one opposing vote from the Independent Power Marketer (IPM) (Morgan Stanley) Market Segment.**

*NPRR914, Addition of Controllable Load Resources to 60-Day Reports*

Market Participants discussed the Impact Analysis and appropriate priority and rank for NPRR914.

**Mr. Greer moved to endorse and forward to TAC the 1/17/19 PRS Report and Impact Analysis for NPRR914 with a recommended priority of 2019 and rank of 2670. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR916, Mitigated Offer Floor Revisions*

**Mr. Greer moved to endorse and forward to TAC the 1/17/19 PRS Report and Impact Analysis for NPRR916. Mr. Barnes seconded the motion. The motion carried unanimously.**

*System Change Request (SCR) 798, PTP Obligation Bid ID Limit*

Market Participants discussed the Impact Analysis and appropriate priority and rank for SCR798.

**Mr. Greer moved to endorse and forward to TAC the 1/17/19 PRS Report and Impact Analysis for SCR798 with a recommended priority of 2019 and rank of 2585. Mr. Barnes seconded the motion. The motion carried with one abstention from the Independent Generator (Luminant) Market Segment.**

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*

*NPRR902, ERCOT Critical Energy Infrastructure Information*

*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)*

PRS took no action on these items.

*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*

Market Participants and ERCOT Staff discussed NPRR885, the 2/7/19 WMS comments and the 2/13/19 ERCOT comments. Some Market Participants requested NPRR885 remain tabled until the Reliability and Operations Subcommittee (ROS) considers NPRR896. PRS took no action on these items.

*NPRR903, Day-Ahead Market Timing Deviations*

Market Participants and ERCOT Staff discussed the history of NPRR903, the Day-Ahead Market (DAM) clearing process, and potential associated solutions in SCR798. Some Market Participants expressed concern that language in NPRR903 is overly broad. ERCOT Staff reminded Market Participants that SCR798 and a developing NPRR propose potential solutions for known events, stated that NPRR903 will provide greater transparency for ERCOT actions for unforeseen events, and encouraged Market Participants to submit clarifications for alternate solutions. PRS took no action on this item.

NPRR823, Amend the Definition of an Affiliate

Market Participants discussed the history of NPRR823 and affiliate amendments to ERCOT Bylaws.

**Ms. Henson moved to table NPRR823 for one month. Ian Haley seconded the motion. The motion carried unanimously.**

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

Market Participants reviewed the history of NPRR891, the 2/12/19 ERCOT comments, and the 2/14/19 WMUS comments. Ramsey Cripe summarized the Non Opt-In Entities (NOIE) reporting process, noted that there is minimal Distributed Generation (DG) growth for Municipals, and stated that additional time was needed to vet alternate reporting solutions. Market Participants and ERCOT Staff discussed that NPRR891 is responsive to concerns expressed by the Public Utility Commission of Texas (PUCT) for transparency into the growth of DG.

**Mr. Barnes move to recommend approval of NPRR891 as amended by the 2/12/19 ERCOT comments as revised by PRS. Marty Downey seconded the motion. The motion carried unanimously.**

*NPRR900, Protocol Section 14 Language Review*

**Mr. Greer moved to recommend approval of NPRR900 as amended by the 2/1/19 TXU Energy comments. Mr. Haley seconded the motion. The motion carried unanimously.**

*NPRR908, Revisions to Mass Transition Processes*

**Mr. Gross moved to recommend approval of NPRR908 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

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

**Mr. Wittmeyer moved to recommend approval of NPRR912 as amended by the 2/7/19 WMS comments. Mr. Barnes seconded the motion.** Some Market Participants expressed support for NPRR912, but also a desire to see localized pricing issues addressed. **The motion carried with one abstention from the IPM (Tenaska) Market Segment.**

Review of Revision Request Language (see Key Documents)

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

Market Participants and ERCOT discussed NPRR918 and 1/23/19 Reliant comments.

**Mr. Barnes moved to recommend approval of NPRR918 as amended by the 1/23/19 Reliant comments. Mr. Greer seconded the motion.** Some Market Participants expressed concern for the additional validation methodology proposed in the 1/23/19 Reliant comments and requested review by WMS.

**Harika Basaran moved to table NPRR918 and refer the issue to WMS. Lucas Turner seconded the motion**. **The motion carried with one abstention from the IPM (Morgan Stanley) Market Segment.**

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

**Mr. Barnes moved to table NPRR919 and refer the issue to ROS. Mr. Greer seconded the motion. The motion carried unanimously.**

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

**Mr. Greer moved to recommend approval of NPRR920 as submitted. Mr. Barnes seconded the motion. The motion carried unanimously.**

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

**Mr. Wittmeyer moved to recommend approval of NPRR921 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

*NPRR922, Modifications to DC Tie Import Forecast Method*

Market Participants discussed NPRR922 and made clarifications to the Business Case.

**Mr. Greer moved to recommend approval of NPRR922 as revised by PRS. Mr. Barnes seconded the motion. The motion carried unanimously.**

Resource Definition Task Force (RTF)

Mr. Wittmeyer noted the January 17, 2019 RTF meeting was cancelled and encouraged Market Participants to attend the February 14, 2019 RTF meeting following the conclusion of the PRS meeting, to discuss Load Resources.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the February 14, 2019 PRS meeting at 11:12 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at http://www.ercot.com/calendar/2019/2/14/164962-PRS unless otherwise noted [↑](#footnote-ref-1)