**DRAFT Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, December 14, 2017 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Burke, Tom | Golden Spread Electric Cooperative |   |
| Coleman, Diana | OPUC |  |
| Day, Smith | Denton Municipal Electric |  |
| Gibson, C.  | Discount Power  |  |
| Greer, Clayton | Morgan Stanley |  |
| Heino, Shari | Brazos Electric Power Cooperative |  |
| Henson, Martha | Oncor |  |
| Kee, David | CPS Energy |  |
| Peters, Patrick | CenterPoint Energy |  |
| Ricketts, David | Luminant |  |
| Sams, Bryan | Reliant Energy Retail Services | Alt. Rep. for B. Barnes |
| Trevino, Melissa | Occidental Chemical |  |

|  |  |  |
| --- | --- | --- |
| *Guests:* |  |  |
| Ainspan, Malcolm | NRG | Via Teleconference |
| Boisseau, Heather | LCRA | Via Teleconference |
| Bruce, Mark | Cratylus Advisors |  |
| Cochran, Seth | DC Energy | Via Teleconference |
| Cook, Tim | Cross Texas Transmission | Via Teleconference |
| Downey, Marty | Viridity |  |
| Goff, Eric | Citigroup Energy |  |
| Gross, Blake | AEPSC |  |
| Helton, Bob | Dynegy |  |
| Juricek, Mike | Oncor | Via Teleconference |
| Kueker, Dan | Brazos Electric Cooperative | Via Teleconference |
| Lange, Clif | South Texas Electric Cooperative | Via Teleconference |
| Lee, Jim | AEPSC |  |
| Morris, Sandy | Direct Energy | Via Teleconference |
| Reedy, Steve  | Potomac Economics |  |
| Rehfeldt, Diana | Texas New Mexico Power | Via Teleconference |
| Reid, Walter | Wind Coalition | Via Teleconference |
| Robertson, Jennifer | LCRA |  |
| Rochelle, Jennifer | CES | Via Teleconference |
| Scott, Kathy | CenterPoint Energy |  |
| Sithuraj, Murali | Austin Energy |  |
| Smith, Caitlin | Jewell and Associates | Via Teleconference |
| Thompson, David | Pedernales Electric Cooperative |  |
| Turner, Lucas | South Texas Electric Cooperative |  |
| Varnell, John | Tenaska Power Services | Via Teleconference |
| Watson, Mark | SPGlobal | Via Teleconference |
| Whittle, Brandon | MegaWatt Analytics |  |
| Whitworth, Doug | Texas Reliability Entity | Via Teleconference |
| Wiegand, Sheri | TXU Energy | Via Teleconference |
| Wittmeyer, Bob | Denton Municipal Electric |  |
| Woltemath, Tracy | Koch Industries | Via Teleconference |
|  |  |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Bivens, Carrie |  |  |
| Boren, Ann |  |  |
| Boswell, Bill |  | Via Teleconference |
| Bracy, Phil  |   |   |
| Butterfield, Lindsay |  |  |
| Castillo, Leo |  | Via Teleconference |
| Chang, Sean |  | Via Teleconference |
| Chen, Jian |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Fleming, Lauren |  | Via Teleconference |
| Hilton, Keely |  | Via Teleconference |
| Hobbs, Kristi |  |  |
| Kane, Erika |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Phillips, Cory |  |  |
| Roberts, Randy |  | Via Teleconference |
| Sills, Alex |  |  |
| Simons, Diane |  | Via Teleconference |
| Shaw, Pam |  |  |
| Solis, Stephen |  | Via Teleconference |
| Warnken, Pete |  | Via Teleconference |

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

Martha Henson called the December 14, 2017 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)

*November 9, 2017*

**Patrick Peters moved to approve the November 9, 2017 meeting minutes as submitted. Clayton Greer seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report

Diana Coleman reviewed activities of the November 30, 2017 TAC meeting. Ms. Henson reported the disposition of Revision Requests considered at the December 12, 2017 ERCOT Board 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 2017 and 2018 release targets and project spending, and presented the priority and rank options for Revision Requests requiring projects. Market Participants requested ERCOT explore options for earlier implementation of Nodal Protocol Revision Request (NPRR) 768, Revisions to Real-Time On-Line Reliability Deployment Price Adder Categories.

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

*NPRR819, Modification of Non-Price Error Resettlement Thresholds and Resettlement Clean-Ups*

Market Participants reviewed the revised Impact Analysis for NPRR819.

**Bob Helton moved to endorse and forward to TAC the 11/9/17 PRS Report and the revised Impact Analysis for NPRR819 with a recommended priority of 2018 and a rank of 2110. Bryan Sams seconded the motion. The motion carried unanimously.**

*NPRR841, Real-Time Adjustments to Day-Ahead Make Whole Payments due to Ancillary Services Infeasibility Charges*

Market Participants reviewed administrative revisions to NPRR841.

**Mr. Helton moved to endorse and forward to TAC the 11/9/17 PRS Report as revised by PRS and the Impact Analysis for NPRR841 with a recommended priority of 2019 and rank of 2520. David Kee seconded the motion. The motion carried unanimously.**

*NPRR842, Study Area Load Information*

**Mr. Greer moved to endorse and forward to TAC the 11/9/17 PRS Report and Impact Analysis for NPRR842 with a recommended priority of 2018 and rank of 2120. Mr. Sams seconded the motion. The motion carried unanimously.**

Review of Pending Project Priorities (see Key Documents)

Mr. Anderson reviewed the list of projects planned for initiation in the first quarter of 2018 and noted the addition of the “Aging Items Report” that will be included in future presentations to PRS.

Revision Requests Tabled at PRS (see Key Documents)

*NPRR807, Day-Ahead Market Price Correction*

*NPRR823, Amend the Definition of an Affiliate*

*NPRR826, Mitigated Offer Caps for RMR Resources*

*NPRR832, Disallow PTP Obligation Bids and DAM Energy Bids that Sink at Private Use Network Settlement Points Without a Load Distribution Factor - URGENT*

*NPRR837, Regional Planning Group (RPG) Process Reform*

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

*NPRR845, RMR Process and Agreement Revisions*

*NPRR847, Exceptional Fuel Cost Included in the Mitigated Offer Cap*

*NPRR848, Separate Clearing Prices for RRS*

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

*NPRR850, Market Suspension and Restart*

*SCR793, SSR Related Telemetry for Cross Texas Transmission*

PRS took no action on these items.

*NPRR844, Clarification to Outage Report*

David Ricketts summarized the 11/21/17 Luminant comments to NPRR844 stating that additional revisions were made to assure protection of Resource-specific information.

**Mr. Ricketts moved to recommend approval of NPRR844 as amended by the 11/21/17 Luminant comments. Mr. Sams seconded the motion. The motion carried unanimously.**

*NPRR851, Procedure for Managing Disconnections for Bidirectional Electrical Connections at Transmission Level Voltages*

Tom Burke provided an update regarding progress and current status of NPRR851 and summarized recent feedback from Market Participants. PRS took no action on this item.

Review of Revision Request Language (see Key Documents)

*NPRR852, CRR Activity Calendar Approval Process*

**Mr. Helton moved to recommend approval of NPRR852 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

*NPRR853, Availability of ERCOT Estimated Interval Meter Data*

**Mr. Sams moved to recommend approval of NPRR853 as submitted. Mr. Ricketts seconded the motion.** Kathy Scott requested that NPRR853 be reviewed by the Retail Market Subcommittee (RMS) prior to a vote by PRS. **Mr. Burke moved to table NPRR853 and refer the issue to RMS. Melissa Trevino seconded the motion. The motion carried with three opposing votes from the Independent Retail Electric Provider (IREP) (Reliant Energy Retail Services), Independent Generator (Luminant), and Independent Power Marketer (IPM) (CitiGroup) Market Segments, and three abstentions from the Municipal (2)(CPS Energy, Denton Municipal Electric), and Independent Generator (Dynegy) Market Segments.**

*NPRR854, NOIE TDSP Submittal of Meters with Bidirectional Flow Caused by Generation Interconnected at Distribution Voltage*

**Mr. Burke moved to recommend approval of NPRR854 as submitted. Jennifer Robertson seconded the motion.** Market Participants expressed support for NPRR854 but requested it be tabled to allow time for additional review. **Mr. Burke and Ms. Robertson amended the motion to table NPRR854 for one month.** Mr. Greer suggested NPRR854 be referred to the Wholesale Market Subcommittee (WMS) to allow review by the Metering Working Group (MWG). **Mr. Burke and Ms. Robertson amended the motion to table NPRR854 and refer the issue to WMS. The motion carried unanimously.**

*NPRR855, Criteria for Including Resources in the CDR Peak Average Capacity Contribution Calculations*

**Mr. Sams moved to recommend approval of NPRR855 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

 *NPRR856, Treatment of OFFQS Status in Day-Ahead Make Whole and RUC Settlements*

**Mr. Ricketts moved to table NPRR856 and refer the issue to WMS. Mr. Burke seconded the motion. The motion carried unanimously.**

*NPRR857, Creation of Direct Current Tie Operator Market Participant Role*

Matt Mereness summarized previous discussions which occurred at recent TAC, Reliability Operations Subcommittee (ROS), and WMS meetings regarding integration of Southern Cross Transmission into ERCOT as a new type of Market Participant. Mr. Mereness also reviewed directives to ERCOT in Public Utility Commission of Texas (PUCT) Project No. 46304, relevant working group assignments, and associated timelines. Ted Hailu reviewed the addition of DC Tie Operator (DCTO) participant type as outlined in NPRR857. Market Participants briefly discussed differences in access and security requirements for DCTOs when compared to traditional Transmission Service Providers (TSPs).

**Mr. Greer moved to table NPRR857 and refer the issue to WMS and ROS. Mr. Sams seconded the motion. The motion carried unanimously.**

*SCR794, Update SCED Limit Calculation*

**Mr. Sams moved to recommend approval of SCR794 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

*SCR795, Addition of Intra-Hour Wind Forecast to GTBD Calculation*

Mr. Sams requested SCR795 be reviewed by WMS explore potential telemetry impacts.

**Mr. Sams moved to table SCR795 and refer the issue to WMS. Mr. Helton seconded the motion.** David Kee suggested that SCR795 also be reviewed by ROS. **Mr. Sams and Mr. Helton amended the motion to table SCR795** **and refer the issue to WMS and ROS. The motion carried unanimously.**

Resource Definition Task Force (RTF)

Mr. Ricketts provided an update on recent RTF activities and reminded Market Participants of the Friday, December 15, 2017 RTF meeting.

Other Business (see Key Documents)

Market Participants considered the possibility of a revision to Nodal Protocol Section 21.3, Protocol Revision Subcommittee, which mandates PRS meet on a monthly basis. Some Market Participants expressed interest in allowing PRS to cancel meetings in cases where there are no new Revision Requests to be considered. Others opined that monthly meetings continue to be necessary to allow for discussion of and possible action on previously tabled items, and suggested that the effort necessary to bring about the procedural changes required to allow for the rare case of a PRS cancellation would not be justifiable.

Adjournment

Ms. Henson adjourned the December 14, 2017 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/2017/12/14/108254-PRS> unless otherwise noted [↑](#footnote-ref-1)