**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, June 14, 2018 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Burke, Tom | Golden Spread Electric Cooperative |  |
| Coleman, Diana | OPUC |  |
| Day, Smith | Denton Municipal Electric |  |
| Detelich, David | CPS Energy |  |
| Gibson, C. | Discount Power |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation | Alt. Rep. for D. Ricketts |
| Heino, Shari | Brazos Electric Power Cooperative |  |
| Henson, Martha | Oncor |  |
| Stanfield, Leonard | Invenergy Energy Management |  |
| Trevino, Melissa | Occidental Chemical |  |
| Varnell, John | Tenaska Power Services |  |
| Zerwas, Rebecca | Reliant Energy Retail Services | Alt. Rep. for B. Sams |

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| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Abbott, Kristin | | PUCT | | Via Teleconference |
| Alford, Anthony | | CenterPoint Energy | | Via Teleconference |
| Barnes, Bill | | NRG | |  |
| Blakely, Eric | | Just Energy | |  |
| Boisseau, Heather | | LCRA | | Via Teleconference |
| Bunch, Kevin | | EDF Trading | | Via Teleconference |
| Checkley, Jim | | Cross Texas Transmission | |  |
| Cochran, Seth | | DC Energy | | Via Teleconference |
| Coleman, Katie | | TIEC | | Via Teleconference |
| Cripe, Ramsey | | Schneider Engineering | | Via Teleconference |
| Downey, Marty | | Electranet Power | |  |
| Eckhoff, Christina | | Texas Reliability Entity | | Via Teleconference |
| Foos, Richard | | Calpine | |  |
| Harvey, Jenny | | KONEKTIV Communication | | Via Teleconference |
| Hourihan, Mike | | CPower Energy Management | | Via Teleconference |
| Johnson, Anthony | | CenterPoint Energy | |  |
| Kakarla, Raja Sekhar | | CenterPoint Energy | | Via Teleconference |
| Kee, David | | CPS Energy | |  |
| Lange, Clif | | South Texas Electric Cooperative | | Via Teleconference |
| Lee, Jim | | AEP Service Corporation | |  |
| McKeever, Debbie | | Oncor | | Via Teleconference |
| Powell, Christian | | LCRA | |  |
| Rehfeldt, Diana | | Texas New Mexico Power | | Via Teleconference |
| Reid, Walter | | Wind Coalition | | Via Teleconference |
| Robertson, Jennifer | | LCRA | |  |
| Ross, Richard | | AEP Service Corporation | | Via Teleconference |
| Rowley, Chris | | Oncor | | Via Teleconference |
| Scott, Kathy | | CenterPoint Energy | |  |
| Shanker, Nimai | | Renewable Energy Systems | | Via Teleconference |
| Shaw, Marka | | Exelon | |  |
| Siddiqi, Shams | | Crescent Power | |  |
| Sithuraj, Murali | | Austin Energy | |  |
| Smith, Caitlin | | Jewell and Associates | |  |
| Surendran, Resmi | | Shell Energy | | Via Teleconference |
| Trenary, Michelle | | Tenaska Power Services | | Via Teleconference |
| Thomas, Wayne | | Bryan Texas Utilities | |  |
| True, Roy | | Aces Power | | Via Teleconference |
| Turner, Lucas | | South Texas Electric Cooperative | | Via Teleconference |
| Watson, Mark | S & P Global | | Via Teleconference | |
| White, Lauri | AEP Service Corporation | |  | |
| Whittle, Brandon | Calpine | |  | |
| Whitworth, Doug | Texas Reliability Entity | | Via Teleconference | |
| Wittmeyer, Bob | Denton Municipal Electric | |  | |
| Zake, Diane | Lone Star Transmission | |  | |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Conner |  | | Via Teleconference | |
| Anderson, Troy |  | |  | |
| Bivens, Carrie |  | | Via Teleconference | |
| Boren, Ann |  | |  | |
| Bracy, Phil | |  | |  |
| Butterfield, Lindsay | |  | | Via Teleconference |
| Castillo, Leo | |  | | Via Teleconference |
| Clifton, Suzy | |  | |  |
| Covington, Austin | |  | | Via Teleconference |
| Deller, Art | |  | | Via Teleconference |
| HHailu, Ted | |  | | Via Teleconference |
| Hilliard, Marie | |  | | Via Teleconference |
| Hobbs, Kristi | |  | |  |
| Kane, Erika | |  | | Via Teleconference |
| Krein, Steve | |  | | Via Teleconference |
| Landry, Kelly | |  | |  |
| Maggio, Dave | |  | | Via Teleconference |
| Mago, Nitika | |  | | Via Teleconference |
| Morehead, Juliana | |  | | Via Teleconference |
| Moreno, Alfredo | |  | | Via Teleconference |
| Opheim, Calvin | |  | | Via Teleconference |
| Phillips, Cory | |  | |  |
| Roberts, Randy | |  | | Via Teleconference |
| Rosel, Austin | |  | |  |
| Ruane, Mark | |  | |  |
| Sharma, Sandip | |  | |  |
| Shaw, Pam | |  | | Via Teleconference |
| Solis, Stephen | |  | | Via Teleconference |
| Stice, Clayton | |  | |  |
| Taurozzi, Tina | |  | |  |
| Teixeira, Jay | |  | |  |
| Thomas, Shane | |  | | Via Teleconference |
| Tucker, Don | |  | | Via Teleconference |
| Xiao, Hong | |  | | Via Teleconference |
| Zeplin, Rachel | |  | |  |

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

Martha Henson called the June 14, 2018 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)

*May 10, 2018*

**Blake Gross moved to approve the May 10, 2018 meeting minutes as submitted. Diana Coleman seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report

Ms. Henson noted the disposition of Revision Requests considered at the May 24, 2018 TAC and June 12, 2018 ERCOT Board meetings.

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. Mr. Anderson reviewed the 2018 release targets and project spending. Mr. Anderson stated that ERCOT reviewed the implementation timeline for Nodal Protocol Revision Request (NPRR) 864, RUC Modifications to Consider Market-Based Solutions, and due to resource constraints, the earliest delivery is Release 5 in October 2018. Mr. Anderson presented the priority and rank options for Revision Requests requiring projects.

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

*Nodal Operating Guide Revision Request (NOGRR) 174, AVR and PSS Testing Requirements*

Market Participants discussed the Impact Analysis and appropriate priority and rank for NOGRR174.

**Tom Burke moved to endorse the Reliability and Operations Subcommittee (ROS) recommended priority of 2018 and rank of 210 for NOGRR174. Mr. Gross seconded the motion. The motion carried unanimously.**

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

Market Participants discussed the Impact Analysis and appropriate priority and rank for NPRR856.

**Mr. Burke moved to endorse and forward to TAC the 5/10/18 PRS Report and the Impact Analysis for NPRR856 with a recommended priority of 2018 and rank of 2230. Ian Haley seconded the motion. The motion carried unanimously.**

*NPRR873, Posting of the ERCOT Wide Intra-Hour Wind Power and Load Forecast on the MIS Public*

Market Participants discussed the Impact Analysis and appropriate priority and rank for NPRR873.

**Mr. Burke moved to endorse and forward to TAC the 5/10/18 PRS Report and the Impact Analysis for NPRR873 with a recommended priority of 2018 and rank of 2240. Mr. Gross seconded the motion. The motion carried unanimously.**

*SCR796, Change Validation Rules to Preclude Certain Transactions at Resource Nodes within Private Use Networks*

Market Participants discussed the Impact Analysis and appropriate priority and rank for System Change Request (SCR) 796.

**Mr. Burke moved to endorse and forward to TAC the 5/10/18 PRS Report and the Impact Analysis for SCR796 with a recommended priority of 2018 and rank of 2250. Mr. Gross seconded the motion. The motion carried unanimously.**

Revision Requests Tabled at PRS (see Key Documents)

*NPRR823, Amend the Definition of an Affiliate*

*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*

*NPRR850, Market Suspension and Restart*

*NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve*

*NPRR869, Clarification of Language Related to Generation Netting for ERCOT-Polled Settlement Meters*

*NPRR871, Customer or Resource Entity Funded Transmission Projects Review Process*

*NPRR872, Modifying the SASM Shadow Price Cap*

PRS took no action on these items.

*NPRR845, RMR Process and Agreement Revisions*

**Mr. Gross moved to recommend approval of NPRR845 as amended by the 6/7/18 Wholesale Market Subcommittee (WMS) comments. Mr. Burke seconded the motion. The motion carried unanimously.**

*NPRR848, Separate Clearing Prices for RRS*

Market Participants reviewed the 6/17/18 WMS comments.

**Melissa Trevino moved to reject NPRR848. Ms. D. Coleman seconded the motion. The motion carried with three abstentions from the Independent Retail Electric Provider (IREP) (Reliant Energy Retail Services), Independent Generator (Luminant), and Municipal (Austin Energy) Market Segments.**

*NPRR862, Updates to Address Revisions under PUCT Project 46369*

**Mr. Gross moved to recommend approval of NPRR862 as amended by the 5/24/18 ERCOT comments. David Detelich seconded the motion. The motion carried unanimously.**

*NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model*

Market Participants and ERCOT Staff discussed the merits of NPRR866 and the 5/16/18 Oncor comments. Market Participants offered additional clarifications to correct language that inadvertently excluded Load Resources connected at the transmission level or as a Private Use Network.

**Ms. D. Coleman moved to recommend approval of NPRR866 as amended by the 5/16/18 Oncor comments and as revised by PRS. Mr. Gross seconded the motion. The motion carried unanimously**

Review of Revision Request Language (see Key Documents)

*NPRR874, Change to Report for Net Allocation to Load Settlement Stability*

Michelle Trenary provided an overview of NPRR874 stating that it would provide IREPs with their uplift from zone to zone rather than an average uplift.

**John Varnell moved to recommend approval of NPRR874 as submitted. Ms. Trevino seconded the motion. The motion carried with one abstention from the Independent Generator (Luminant) Market Segments.**

*NPRR875, Clarification for the Implementation of NPRR864, RUC Modifications to Consider Market-Based Solutions*

Aaron Townsend stated that during the implementation of NPRR864 ERCOT identified additional Reliability Unit Commitment (RUC) scenarios that needed further clarifications. Market Participants and ERCOT Staff discussed the merits of NPRR875 and reviewed the 5/31/18 ERCOT comments, stating that NPRR875 does not change the intent of NPRR864.

**Rebecca Zerwas moved to recommend approval of NPRR875 as amended by the 5/31/18 ERCOT comments. Ms. D. Coleman seconded the motion. The motion carried unanimously.**

*NPRR877, Use of Actual Interval Data for IDR ESI IDs for Initial Settlement*

Market Participants discussed the merits of NPRR877 and the 6/6/18 Retail Market Subcommittee (RMS) comments acknowledging that although NPRR877 does not solve all issues, it is a positive step in more accurately determining initial Settlement by using actual versus proxy day data. Ms. Zerwas stated that RMS will continue to explore long term solutions.

**Mr. Burke moved to recommend approval of NPRR877 as submitted. Ms. Zerwas seconded the motion. The motion carried unanimously.**

*NPRR878, ERS Obligation Report for TDSPs*

Anthony Alford stated that NPRR878 is related to NOGRR178, Clarification of Automatic Under-Frequency Load Shed Requirement, in that it addresses how ERS Resource information is provided in relation to NOGRR178.

**Mr. Burke moved to recommend approval of NPRR878 as submitted. Mr. Gross seconded the motion. The motion carried unanimously.**

*NPRR879, SCED Base Point and Performance Evaluation Changes for IRRs that Carry Ancillary Services*

Sandip Sharma stated that NPRR879 proposes to close an existing gap in the Protocols by specifying performance criteria for Intermittent Renewable Resources (IRRs) carrying Ancillary Service responsibilities. Market Participants and ERCOT Staff discussed the merits of NPRR879 and the metrics used in measuring performance. Market Participants requested additional review of potential wholesale and operational impacts of NPRR879.

**Mr. Burke moved to table NPRR879 and refer the issues to ROS and WMS. Mr. Gross seconded the motion. The motion carried unanimously.**

Notice of Withdrawal

*NPRR807, Day-Ahead Market Price Correction*

Ms. Henson noted the withdrawal of NPRR807.

Resource Definition Task Force (RTF)

*Leadership Co-Chair: Bob Wittmeyer, Denton Municipal Electric*

**Mr. Burke moved to approve 2018 RTF Leadership as submitted. Mr. Haley seconded the motion. The motion carried unanimously.**

Jay Teixeira reviewed recent RTF activities. Ms. Henson encouraged Market Participants to attend the RTF meeting following the conclusion of the PRS meeting, as the concept for the initial Revision Request to remove the definition of a Non-Modeled Generator and replace it will be discussed.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the June 14, 2018 PRS meeting at 10:25 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2018/6/14/138496-PRS> unless otherwise noted [↑](#footnote-ref-1)