**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, May 10, 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 | Via Teleconference |
| Greer, Clayton | Morgan Stanley |  |
| Haley, Ian | Luminant Generation | Alt. Rep. for D. Ricketts |
| Heino, Shari | Brazos Electric Power Cooperative |  |
| Henson, Martha | Oncor |  |
| Lee, Jim | AEP Service | Alt. Rep. for Blake Gross |
| Sams, Bryan | Reliant Energy Retail Services |  |
| Stanfield, Leonard | Invenergy Energy Management |  |
| Trevino, Melissa | Occidental Chemical |  |
| Varnell, John | Tenaska Power Services |  |

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| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Ainspan, Malcolm | | NRG | | Via Teleconference |
| Barnes, Bill | | NRG | | Via Teleconference |
| Bryant, Mark | | PUCT | | Via Teleconference |
| Cochran, Seth | | DC Energy | |  |
| Coleman, Katie | | TIEC | | Via Teleconference |
| Daigneault, Ralph | | Potomac Economics | |  |
| Downey, Marty | | Electranet Power | |  |
| Goff, Eric | | Citigroup Energy | |  |
| Harvey, Jenny | | KONEKTIV Communication | | Via Teleconference |
| Johnson, Anthony | | CenterPoint Energy | |  |
| Kee, David | | CPS Energy | |  |
| King, Robert | | EDF Trading | |  |
| Lange, Clif | | South Texas Electric Cooperative | | Via Teleconference |
| McKeever, Debbie | | Oncor | | Via Teleconference |
| Mendoza, Albert | | Occidental Chemical | |  |
| Morris, Sandy | | Direct Energy | |  |
| Powell, Christian | | LCRA | |  |
| Rehfeldt, Diana | | Texas New Mexico Power | | Via Teleconference |
| Robertson, Jennifer | | LCRA | |  |
| Ross, Richard | | AEP Service Corporation | | Via Teleconference |
| Scott, Kathy | | CenterPoint Energy | |  |
| Shumate, Walt | | Shumate and Associates | |  |
| Sithuraj, Murali | | Austin Energy | |  |
| Smith, Caitlin | | Jewell and Associates | |  |
| Smith, Mark | | Nucor | |  |
| Thomas, Wayne | | Bryan Texas Utilities | |  |
| True, Roy | | Aces Power | | Via Teleconference |
| Turner, Lucas | | South Texas Electric Cooperative | | Via Teleconference |
| Whisler, Samuel | CenterPoint Energy | | Via Teleconference | |
| Wittmeyer, Bob | Denton Municipal Electric | |  | |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Conner |  | |  | |
| Anderson, Troy |  | |  | |
| Bethke, Ponda |  | | Via Teleconference | |
| Billo, Jeff |  | | Via Teleconference | |
| Bivens, Carrie |  | | Via Teleconference | |
| Boren, Ann |  | |  | |
| Bracy, Phil | |  | |  |
| Castillo, Leo | |  | | Via Teleconference |
| Clifton, Suzy | |  | |  |
| Hanson, Kevin | |  | | Via Teleconference |
| Hobbs, Kristi | |  | |  |
| Jin, Julie | |  | | Via Teleconference |
| Kane, Erika | |  | | Via Teleconference |
| Landry, Kelly | |  | |  |
| Maggio, Dave | |  | | Via Teleconference |
| Mago, Nitika | |  | | Via Teleconference |
| Morehead, Juliana | |  | | Via Teleconference |
| Ögelman, Kenan | |  | |  |
| Phillips, Cory | |  | |  |
| Ruane, Mark | |  | |  |
| Sharma, Sandip | |  | |  |
| Solis, Stephen | |  | | Via Teleconference |
| Stice, Clayton | |  | |  |
| Teixeira, Jay | |  | |  |
| Thomas, Shane | |  | | Via Teleconference |
| Thompson, Chad | |  | | Via Teleconference |
| Xiao, Hong | |  | | Via Teleconference |
| Zeplin, Rachel | |  | |  |

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

Martha Henson called the May 10, 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)

*April 12, 2018*

**John Varnell moved to approve the April 12, 2018 meeting minutes as submitted. Diana Coleman seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report

Ms. Henson reminded Market Participants that TAC did not meet in April 2018.

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 and reviewed the 2018 release targets and project spending. Mr. Anderson stated that the release date for implementation of Nodal Protocol Revision Request (NPRR) 864, RUC Modifications to Consider Market-Based Solutions, is undetermined as it is still in the planning phase, and that NPRR809, GTC or GTL for New Generation Interconnection, has been moved to a December release as ERCOT needs to conduct studies on existing Generation Transmission Constraints (GTCs) before posting. Mr. Anderson provided an update on the implementation timeline of NPRR825, Require ERCOT to Issue a DC Tie Curtailment Notice Prior to Curtailing any DC Tie Load, and stated that most of the project could be delivered in the August release, however the internal project is still the limiting factor on implementing the remainder of NPRR825. Mr. Anderson announced the Generation Interconnection or Change Request (GINR) process project go-live date of August 30, 2018, and reminded Market Participants that this is developing the platform on which the Resource Asset Registration Form (RARF) replacement will reside.

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

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

**Tom Burke moved to endorse and forward to TAC the 4/12/18 PRS Report and Impact Analysis for NPRR851. Jim Lee seconded the motion. The motion carried unanimously**

*NPRR867, Revisions to CRR Auction Credit Lock Amount to Reduce Excess Collateral*

Market Participants and ERCOT Staff noted the Credit Work Group (Credit WG) recommendation to implement NPRR867 with the Credit Monitoring and Management Application (CMM) Project bundle, and discussed the Impact Analysis and appropriate priority and rank for NPRR867.

**Bryan Sams moved to endorse and forward to TAC the 4/12/18 PRS Report and the Impact Analysis for NPRR867 with a recommended priority of 2018 and rank of 580. Ian Haley seconded the motion. The motion carried unanimously.**

*NPRR870, Eliminate Requirement for Forward Adjustment Factors Report in the MIS Certified Area*

Market Participants discussed the 4/23/18 Credit WG comments and Impact Analysis for NPRR870.

**Mr. Haley moved to endorse and forward to TAC the 4/12/18 PRS Report and Impact Analysis for NPRR870. Mr. Burke seconded the motion. The motion carried unanimously.**

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*

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

*NPRR845, RMR Process and Agreement Revisions*

*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*

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

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

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

PRS took no action on these items.

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

**Mr. Haley moved to recommend approval of NPRR856 as amended by the 5/3/18 Wholesale Market Subcommittee (WMS) comments. Mr. Sams seconded the motion. The motion carried unanimously.**

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

Mr. Sams reviewed the history of NPRR869 and the 5/8/18 Reliant comments. Market Participants and ERCOT Staff discussed the merits of NPRR869. Market Participants requested additional clarification on the type of Qualifying Facility (QF) that could be considered for the netting exemption, interpretation of “associated Loads”, generation or Load Settlement, and netting at or behind the same transmission Point of Interconnection (POI).

**Mr. Burke moved to table NPRR869 and refer the issue to WMS. Mr. Varnell seconded the motion. The motion carried unanimously.**

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

**Mr. Burke moved to recommend approval of System Change Request (SCR) 796 as submitted. Mr. Sams seconded the motion. The motion carried unanimously.**

Review of Revision Request Language (see Key Documents)

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

Market Participants and ERCOT Staff discussed the merits of NPRR871. Some Market Participants expressed concern for commercial impacts to the Congestion Revenue Right (CRR) market process and requested additional review by WMS. Other Market Participants expressed concern for full or partial funding of projects and open access rules. Mr. Goff proposed restricting self-funded projects to the specific interaction of an Entity’s facility with the ERCOT Transmission Grid to prevent the Entity from benefitting by taking a congestion position and then funding transmission to relieve congestion. Market Participants requested further review of these issues by the Reliability and Operations Subcommittee (ROS).

**Mr. Goff moved to table NPRR871 and refer the issues to ROS and WMS. Mr. Sams seconded the motion. The motion carried unanimously.**

*NPRR872, Modifying the SASM Shadow Price Cap*

Christian Powell summarized the merits of NPRR872 and the 5/9/18 LCRA comments. Some Market Participants expressed concern for creating a demand curve for each Ancillary Service and the potential impact to ERCOT’s ability to procure Ancillary Services. Market Participants requested additional review of the issues.

**Mr. Sams moved to table NPRR872 and refer the issue to ROS and WMS. Mr. Goff seconded the motion. The motion carried unanimously.**

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

**Mr. Goff moved to recommend approval of NPRR873 as submitted. Mr. Haley seconded the motion. The motion carried unanimously.**

Resource Definition Task Force (RTF)

Ms. Henson thanked David Ricketts for his leadership as RTF Co-Chair and encouraged Market Participants to consider the leadership role with ERCOT. Jay Teixeira reviewed recent RTF activities, including revisions to the proposed All-Inclusive Generation Resource framework, revised terminology, and concept for the initial Revision Request to remove the definition of a Non-Modeled Generator and replace it. Mr. Teixeira stated additional issues would be considered in forthcoming Revision Requests. Ms. Henson thanked Mr. Teixeira for his continued leadership and noted the limited market participation at RTF meetings. Some Market Participants opined that market participation was limited because the issues only impact small sectors of the market. Market Participants discussed the goals of RTF. Ms. Henson reminded Market Participants of the RTF meeting at 1:30 p.m.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the April 12, 2018 PRS meeting at 10:22 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2018/5/10/138492-PRS> unless otherwise noted [↑](#footnote-ref-1)