**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, June 13, 2019 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Blakey, Eric | Just Energy |  |
| Detelich, David | CPS Energy |  |
| Greer, Clayton | Morgan Stanley |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation |  |
| Heino, Shari | Brazos Electric Cooperative |  |
| Henson, Martha | Oncor |  |
| Paff, Tom | Duke Energy |  |
| Temple, Brad  | OPUC |  |
| 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 |
| Boisseau, Heather | LCRA | Via Teleconference |
| Bunch, Kevin | EDF Energy Services |  |
| Checkley, Jim | Cross Texas Transmission |  |
| Cochran, Seth | DC Energy |  |
| Coleman, Katie | Texas Industrial Energy Consumers |  |
| Cook, Tim | Cross Texas Transmission | Via Teleconference |
| Cortez, Sarai | Sharyland | Via Teleconference |
| Daigneault, Ralph | Potomac Economics |  |
| Downey, Marty | Electranet Power |  |
| Edmonson, Brandon | Duke Energy Renewables |  |
| Goff, Eric | CitiGroup |  |
| Helton, Bob | Engie |  |
| Johnson, Anthony | CenterPoint Energy |  |
| Juricek, Mike | Oncor | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Lange, Clif | South Texas Electric Cooperative | Via Teleconference |
| Lee, Jim | AEP Service Corporation |  |
| McKeever, Debbie | Oncor | Via Teleconference |
| Morris, Sandy | Direct Energy |  |
| Nguyen, Andy | LCRA |  |
| Ottaway, Cindy | Cross Texas Transmission | Via Teleconference |
| Powell, Christian | Pedernales Electric Cooperative |  |
| Rehfeldt, Diana | Texas New Mexico Power | Via Teleconference |
| Reader, Raborn | Enterprise Products Co |  |
| Reedy, Steve | Potomac Economics  |  |
| Reid, Walter | Advanced Power Alliance |   |
| Rich, Katie | Golden Spread Electric Cooperative |   |
| Rainwater, Kim | Environmental Defense Fund |  |
| Robertson, Jennifer | LCRA |  |
| Rochelle, Jennifer | Customized Energy Solutions | Via Teleconference |
| Sams, Bryan | Lone Star Transmission | Via Teleconference |
| Scott, Kathy | CenterPoint Energy |  |
| Siddiqi, Shams | Crescent Power |  |
| Smith, Caitlin | Invenergy |  |
| Smith, Chris | Austin Energy |  |
| Thomas, Wayne | Bryan Texas Utilities |  |
| Tran, Diane | Texas Industrial Energy Consumers |  |
| True, Roy | Aces Power |   |
| Van Booven, Ashley | New Braunfels Utilities | Via Teleconference |
| Watson, Mark | SP Global | 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 |
| Blevins, Bill |  |  |
| Boren, Ann |  |  |
| Bracy, Phil  |   |   |
| Castillo, Leo |  | Via Teleconference |
| Chang, Sean |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Fohn, Doug |  | Via Teleconference |
| Gonzalez, Ino |  |  |
| Hamann, James |  | Via Teleconference |
| Hanson, Kevin |  | Via Teleconference |
| Hartmann, Jimmy |  | Via Teleconference |
| House, Donald |  | Via Teleconference |
| Kane, Erika |  | Via Teleconference |
| Levine, Jon |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  | Via Teleconference |
| Morehead, Juliana |  |   |
| Moreno, Alfredo |  |   |
| Patterson, Mark |  |  |
| Phillips, Cory |  |  |
| Rosel, Austin |  |  |
| Roberts, Randy |  | Via Teleconference |
| Ruane, Mark |  |  |
| Sharma, Sandip |  | Via Teleconference |
| Shaw, Pam |  |   |
| Smith, Nathan |  | Via Teleconference |
| Teixeira, Jay |  |   |
| Thompson, Chad |  | Via Teleconference |
| Townsend, Aaron |  | Via Teleconference |
| Wattles, Paul |  | Via Teleconference |
| Woodfin, Dan |  | Via Teleconference |
| Zeplin, Rachel |  |   |

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

Martha Henson called the June 13, 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)

*May 9, 2019*

**Clayton Greer moved to approve the May 9, 2019 meeting minutes as submitted. David Detelich seconded the motion. The motion carried unanimously with one abstention from the Investor Owned Utility (IOU) (AEP) Market Segment.**

Technical Advisory Committee (TAC) and Board Report

Ms. Henson reported the disposition of Revision Requests considered at the May 22, 2019 TAC and June 11, 2019 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, summarized the Credit Monitoring & Management (CMM) Refresh phased implementation timeline, reviewed the 2019 release targets and project spending, and presented the priority and rank options for Revision Requests requiring projects.

Review PRS Reports, Impact Analyses, and Prioritization

*Nodal Protocol Revision Request (NPRR) 823, Amend the Definition of an Affiliate*

*NPRR931, As Built Hub Average Calculation*

*NPRR932, Addition of Load to Existing Load Zone*

**Bob Wittmeyer moved to endorse and forward to TAC the respective 5/9/19 PRS Reports and Impact Analyses for NPRR823, NPRR931, and NPRR932. Mr. Greer seconded the motion. The motion carried unanimously.**

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

Market Participants reviewed the Impact Analysis and Business Case, and considered the appropriate priority and rank for NPRR904.

**Mr. Greer moved to endorse and forward to TAC the 5/9/19 PRS Report and Impact Analysis for NPRR904 with a recommended priority of 2019 and rank of 2720. Bob Helton seconded the motion. The motion carried with three abstentions from the Consumer (Occidental), Cooperative (LCRA), and Municipal (DME) Market Segments.**

N*PRR935, Post All Wind and Solar Forecasts*

Market Participants reviewed the Impact Analysis for NPRR935 and the 6/10/19 ERCOT comments, and offered additional clarifications.

**Mr. Greer moved to endorse and forward to TAC the 5/9/19 PRS Report, as amended by the 6/10/19 ERCOT comments, as revised by PRS, and the Impact Analysis for NPRR935 with a recommended priority of 2019 and a rank of 2730. John Varnell seconded the motion. The motion carried unanimously.**

Revision Requests Tabled at PRS (see Key Documents)

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

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

*NPRR903, Day-Ahead Market Timing Deviations*

*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*

*NPRR933, Reporting of Demand Response by Retail Electric Providers and Non-Opt-In Entities*

*NPRR934, Advance Action Notice (AAN) and Clarify Process for Resource Outage Approval Withdrawal*

*NPRR936, CRR Account Holder Limits*

*System Change Request (SCR) 800, Addition of DC Tie Ramp to GTBD Calculation*

PRS took no action on these items.

*NPRR826, Mitigated Offer Caps for RMR Resources*

Market Participants reviewed NPRR826, 6/6/19 WMS comments, and 6/10/10 Joint comments.

**Ian Haley moved to recommend approval of NPRR826 as amended by the 6/10/19 Joint comments. Melissa Trevino seconded the motion.** Some Market Participants expressed concern for the -5% Shift Factor threshold proposed in the 6/10/19 Joint comments.

**Mr. Greer moved to amend the motion to approve NPRR826 as amended by the 5/7/19 TCPA comments. Eric Goff seconded the motion.** Market Participants further debated the appropriate Shift Factor and requested additional time to review the issues.

**Sandy Morris moved to table NPRR826. Ms. Trevino seconded the motion. The motion carried unanimously.**

*NPRR872, Modifying the SASM Shadow Price Cap*

Ms. Henson noted the withdrawal of NPRR872.

*NPRR902, ERCOT Critical Energy Infrastructure Information*

Jon Levine noted the 6/3/19 ERCOT comments, announced that ERCOT will facilitate a third workshop on NPRR902 on June 17, 2019, and encouraged Market Participants to submit additional clarifications prior to the workshop. PRS took no action on this item.

*NPRR928, Cybersecurity Incident Notification*

Juliana Morehead announced the NPRR928 workshop on June 25, 2019 and encouraged Market Participants to submit concerns or clarifications in advance of the workshop. PRS took no action on this item.

*NPRR930, Weekly RUC Modifications for Forecasted Emergency Conditions*

ERCOT Staff summarized the 6/10/19 ERCOT comments. Market Participants requested additional time to review the issues and offer additional clarifications.

**Mr. Haley moved to table NPRR930. Mr. Greer seconded the motion. The motion carried unanimously.**

Review of Revision Request Language (see Key Documents)

*NPRR937, Distribution Voltage Level Block Load Transfer (BLT) Deployment*

Katie Rich summarized NPRR937. Market Participants considered potential challenges regarding deployment of BLTs during Energy Emergency Alert (EEA) events and requested the Reliability and Operations Subcommittee (ROS) consider the issues.

**Mr. Greer moved to table NPRR937 and refer the issue to ROS. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR938, Distribution Voltage Level Block Load Transfer (BLT) Compensation*

Ms. Rich summarized NPRR938 and noted it proposes equal compensation for transmission and distribution BLTs. Market Participants reviewed the 5/20/19 GSEC comments and requested the Wholesale Market Subcommittee (WMS) discuss the general topic of BLT compensation in addition to the request outlined in NPRR938.

**Mr. Greer moved to table NPRR938 and refer the issue to WMS. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR939, Modification to Load Resources Providing RRS to Maintain Minimum PRC on Generators During Scarcity Conditions*

**Mr. Greer moved to recommend approval of NPRR939 as submitted. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR940, Removal of Language Related to NPRR664, Fuel Index Price for Resource Definition and Real-Time Make-Whole Payments for Exceptional Fuel Cost Events*

**Mr. Wittmeyer moved to recommend approval of NPRR940 as submitted. Mr. Greer seconded the motion. The motion carried with two abstentions from the Independent Generator (Invenergy, Luminant) Market Segment.**

*NPRR941, Create a Lower Rio Grande Valley Hub*

Seth Cochran summarized NPRR941. Market Participants requested additional review by WMS to consider the issues in NPRR941 and review potential changes for other busses that overlap with currently defined Hubs.

**Mr. Greer moved to table NPRR941 and refer the issue to WMS. Marty Downey seconded the motion. The motion carried unanimously.**

*NPRR942, Clarification of Revised Transaction Limit Posting*

**Mr. Greer moved to recommend approval of NPRR942 as submitted. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*NPRR943, Holiday Schedule Update*

**Mr. Goff moved to recommend approval of NPRR943 as submitted. Mr. Greer seconded the motion. The motion carried unanimously.**

*NPRR944, As Built Day-Ahead Market Energy Bid Curve Submission Validation*

**Mr. Greer moved to recommend approval of NPRR944 as submitted. Mr. Helton seconded the motion. The motion carried unanimously.**

*NPRR945, Net Metering Requirements*

Katie Coleman summarized NPRR945 and requested additional time to provide clarifications to the term “All-Inclusive Generation Resource” due to the ERCOT Board approval of NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource. Market Participants debated standby charges. ERCOT Staff stated that they anticipate additional clarifications following the Metering Working Group (MWG) review of issues related to the Point of Interconnection (POI).

**Mr. Wittmeyer moved to table NPRR945. Ms. Trevino seconded the motion**. **The motion carried unanimously.**

*NPRR946, Allow TDSPs to Use 814\_28, Complete Un-executable Transactions for 814\_03 Switch Transactions Involved In A Mass Transition Event*

Market Participants reviewed NPRR946 and the 6/6/19 RMS comments. ERCOT Staff stated that additional clarifications are being developed.

**Eric Blakey moved to table NPRR946 and refer the issue to the Retail Market Subcommittee (RMS). Mr. Haley seconded the motion**. **The motion carried unanimously.**

*NPRR947, Clarification to Ancillary Service Supply Responsibility Definition and Improvements to Determining and Charging for Ancillary Service Failed Quantities*

Dave Maggio reviewed NPRR947, summarized the previous discussion at ROS and WMS meetings regarding the issues, and noted the frequency of occurrence is significant. Market Participants requested WMS review the issues.

**Mr. Greer moved to table NPRR947 and refer the issue to WMS. Mr. Haley seconded the motion. The motion carried unanimously.**

*NPRR948, Instrument Transformer Testing Schedule and Removal of Reference to Fiber-Optic Current Transformers*

*NPRR949, January 1, 2023 Changes to EPS Meter Communications Path*

**Mr. Greer moved to approve recommend approval of NPRR948 and NPRR949 as submitted. Mr. Wittmeyer seconded the motion. The motion carried unanimously.**

*SCR801, 867\_03 Final(s) Global Process ID Correction Request for IDR ESI ID(s) Posted to the 867 Activity Report*

Kathy Scott summarized the merits of SCR801 and the 5/7/19 RMS comments.

**Mr. Greer moved to recommend approval of SCR801 as submitted. Mr. Downey seconded the motion. The motion carried unanimously.**

*SCR802, Enhance Communications of System Inertia*

Market Participants reviewed SCR802 and the 5/22/19 ERCOT comments.

**Mr. Greer moved to recommend approval of SCR802 as amended by the 5/22/19 ERCOT comments. Mr. Downey seconded the motion.**

Resource Definition Task Force (RTF)

Mr. Wittmeyer reviewed RTF activities and encouraged Market Participants to attend the June 13, 2019 RTF meeting to discuss energy storage definitions.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the June 13, 2019 PRS meeting at 11:13 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2019/6/13/164981-PRS> unless otherwise noted [↑](#footnote-ref-1)