**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, February 9, 2017 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Burke, Tom | Golden Spread Electric Cooperative |  |
| Coleman, Diana | OPUC |  |
| Coleman, Katie | Occidental Chemical | Alt. Rep. for M. Trevino |
| Day, Smith | Denton Municipal Electric |  |
| Foreman, Mark | Tenaska Power Services | Alt. Rep. for J. Varnell |
| Gibson, C. | Discount Power |  |
| Greer, Clayton | Morgan Stanley |  |
| Heino, Shari | Brazos Electric Power Cooperative |  |
| Henson, Martha | Oncor |  |
| Kee, David | CPS Energy |  |
| Patrick, Peters | CenterPoint Energy |  |
| Ricketts, David | Luminant |  |
| Shaw, Marka | Exelon |  |
| Varnell, John | Tenaska Power Services |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Abbott, Kristin | | PUCT | | Via Teleconference |
| Ainspan, Malcolm | | NRG | | Via Teleconference |
| Bailey, Dan | | GPLT | | Via Teleconference |
| Bevill, Rob | | SPEER | | Via Teleconference |
| Briscoe, Judy | | BP | | Via Teleconference |
| Bruce, Mark | | Cratylus Advisors | |  |
| Bryant, Mark | | PUCT | | Via Teleconference |
| Checkley, Jim | | Cross Texas Transmission | |  |
| Chhajed, Pushkar | | LCRA | | Via Teleconference |
| Cripe, Ramsey | | Schneider Engineering | | Via Teleconference |
| Crozier, Richard | | Brownsville Public Utilities | |  |
| Donohoo, Ken | | Oncor | | Via Teleconference |
| Downey, Marty | | Viridity | |  |
| Dumas, John | | LCRA | |  |
| English, Barksdale | | Austin Energy | |  |
| Goff, Eric | | Citigroup Energy | |  |
| Graham, Greg | | Texas Reliability | | Via Teleconference |
| Gross, Blake | | AEPSC | |  |
| Helton, Bob | | Dynegy | |  |
| Hurst, Jay | | Schneider Engineering | | Via Teleconference |
| Johnson, David | | IVG Energy | | Via Teleconference |
| Jones, Randy | | Calpine | |  |
| Juricek, Michael | | Oncor | | Via Teleconference |
| Matos, Christopher | | PUCT | | Via Teleconference |
| Mercardo, David | | CenterPoint Energy | | Via Teleconference |
| Messer, Tayaun | | Rayburn | |  |
| Morley, Kevin | | CenterPoint Energy | | Via Teleconference |
| Morris, Sandy | | Direct Energy | |  |
| Mortensen, Mark | | Rainbow Energy | | Via Teleconference |
| Mueller, Paula | | Texas Reliability Entity | | Via Teleconference |
| Reedy, Steve | | Potomac Economics | |  |
| Rehfeldt, Diana | | TNMP | | Via Teleconference |
| Robertson, Jennifer | | LCRA | |  |
| Sams, Bryan | | Reliant Energy | |  |
| Sandidge, Clint | | Noble Americas | |  |
| Scott, Kathy | | CenterPoint Energy | |  |
| Siddiqi, Shams | | Crescent Power | |  |
| Smyth, Scott | | Brownsville Public Utilities | |  |
| Watson, Mark | | SP Global | | Via Teleconference |
| Whittle, Brandon | | Megawatt Analytics | | Via Teleconference |
| Wittmeyer, Bob | | Denton Municipal Electric | |  |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Connor |  | | Via Teleconference | |
| Anderson, Troy |  | |  | |
| Atherton, Allison |  | | Via Teleconference | |
| Bezwada, Neelima |  | | Via Teleconference | |
| Boren, Ann |  | |  | |
| Boswell, Bill |  | | Via Teleconference | |
| Bracy, Phil | |  | | Via Teleconference | |
| Butterfield, Lindsay | |  | |  | |
| Castillo, Leo | |  | | Via Teleconference | |
| Clifton, Suzy | |  | |  | |
| Findley, Samantha | |  | | Via Teleconference | |
| Fleming, Lauren | |  | |  | |
| Gonzalez, Ino | |  | |  | |
| Hanson, Kevin | |  | | Via Teleconference | |
| Hobbs, Kristi | |  | | Via Teleconference | |
| House, Donald | |  | | Via Teleconference | |
| Jin, Julie | |  | | Via Teleconference | |
| Krein, Steve | |  | | Via Teleconference | |
| Landry, Kelly | |  | |  | |
| Levine, Jon | |  | | Via Teleconference | |
| Maggio, David | |  | |  | |
| Mago, Nitika | |  | |  | |
| Matevosyan, Julia | |  | | Via Teleconference | |
| Matlock, Robert | |  | | Via Teleconference | |
| Phillips, Cory | |  | |  | |
| Rajagopalan, Sidharth | |  | | Via Teleconference | |
| Rasberry, Justin | |  | |  | |
| Reed, Bobby | |  | | Via Teleconference | |
| Ruane, Mark | |  | |  | |
| Scott, Vicki | |  | | Via Teleconference | |
| Shaw, Pam | |  | | Via Teleconference | |
| Solis, Stephen | |  | | Via Teleconference | |
| Teixeira, Jay | |  | | 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 February 9, 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)

*January 19, 2017*

**Patrick Peters moved to approve the January 19, 2017 PRS meeting minutes as submitted. Tom Burke seconded the motion. The motion carried unanimously.**

Technical Advisory Committee (TAC) and Board Report (see Key Documents)

Ms. Henson reported the disposition of Revision Requests considered at the January 26, 2017 TAC meeting.

2017 PRS Goals

**David Kee moved to approve the 2017 PRS Goals with edits proposed by Patrick Peters. Bill Barnes 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 2017 Release results and project spending and presented the priority and rank options for Revision Requests with impacts. Mr. Anderson noted that the Network Model Management System (NMMS) Upgrade project target release date is undetermined at this time due to additional testing issues. Justin Rasberry provided an update on the project for System Change Request (SCR) 781, MP Online Data Entry – Market Requirements, stating that following internal discussions, and in consideration of the defined requirements and initiatives to lay the foundation for other projects, ERCOT anticipates renaming it as the Resource Asset Registration Form (RARF) Replacement, bringing the project off hold in March and beginning the planning phase with a more robust timeline.

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

*NPRR802, Settlements Clean-up*

*NPRR804, Remove Posting Requirement for Private Use Network Diagrams*

**Barksdale English moved to endorse and forward to TAC the respective 1/19/17 PRS Reports and Impact Analyses for NPRR802 and NPRR804. Clayton Greer seconded the motion. The motion carried unanimously.**

*NPRR808, Three Year Congestion Revenue Right (CRR) Auction*

Mr. Anderson reviewed potential priorities and ranks for NPRR808, noted the Full Time Employee (FTE) impact, and requested Market Participants provide direction on the implementation timeline in consideration of the current Credit Monitoring and Management Application (CMM) Upgrade project. Market Participants discussed the additional FTE requirement opining that it is a cumulative impact of previous NPRRs and not a direct impact of NPRR808. Other Market Participants stated that NPRR808 should be prioritized so as to not delay the implementation of the CMM Upgrade project and the associated Revision Requests.

**Eric Goff moved to endorse and forward to TAC the 1/19/17 PRS Report as amended by the 1/18/17 DC Energy comments and the Impact Analysis for NPRR808 with a recommended priority of 2017 and rank of 1930. Mr. Greer seconded the motion. The motion carried with two abstentions from the Municipal (CPS Energy, Austin Energy) Market Segment.**

*NPRR810, Applicability of RMR Incentive Factor on Reservation and Transportation Costs Associated with Firm Fuel Supplies*

Market Participants reviewed the 1/30/17 ERCOT comments and expressed a desire to have Incentive Factor changes in Section 3.14.1.13, Incentive Factor, take effect upon ERCOT Board approval.

**Mr. Barnes moved to endorse and forward to TAC the 1/19/17 PRS Report as amended by the 1/30/17 ERCOT comments with a recommended effective date of May 1, 2017 for revisions to Section 3.14.1.13, and the Impact Analysis for NPRR810 with a recommended priority of 2017 and rank of 1940. Bob Helton seconded the motion. The motion carried unanimously.**

*NPRR812, Alignment of Currently Published Reports*

**Mr. Goff moved to endorse and forward to TAC the 1/19/17 PRS Report and the Impact Analysis for NPRR812 with a recommended priority of 2017 and rank of 1950. Mr. Helton seconded the motion. The motion carried unanimously.**

Review of Pending Project Priorities (see Key Documents)

Mr. Anderson presented target start dates for approved Revision Requests for March, June and September 2017.

Urgency Vote

*NPRR818, Allow Curtailment of Direct Current (DC) Tie Load Prior to Declaring Emergency Condition*

Shams Siddiqi presented NPRR818 and opined requested urgency was requested to minimize inefficient DC Tie operations and harm to Market Participants following implementation of Power Operations Bulletin (POB) #755, and that previous attempts to resolve the issue with ERCOT were unsuccessful. Dan Woodfin reviewed the 2/8/17 ERCOT comments.

**Mr. Greer moved to grant NPRR818 Urgent status. Mr. Helton seconded the motion**. Market Participants discussed potential timelines for NPRR818 with and without Urgent status. **The motion carried via roll call vote with five objections from the Consumer (OPUC), Cooperative (3) (Brazos Electric, Rayburn, GSEC), and Investor Owned Utilities (IOU) (Oncor) Market Segments.** *(Please see ballot posted with Key Documents.[[2]](#footnote-2))*

Market Participants discussed the merits of NPRR818 and the comments filed. Some Market Participants expressed concern for the lack of time to review, that this is a specific issue that should be considered under the Alternative Dispute Resolution (ADR) process, and interstate verses Mexico DC ties. Market Participants requested ERCOT provide additional information at the Reliability and Operations Subcommittee (ROS) and Wholesale Market Subcommittee (WMS) meetings on the current methodologies for setting DC Tie limits and for Electronic Tags (e-Tags).

**Mr. Greer moved to table NPRR818 and refer the issue to ROS and WMS. Katie Coleman seconded the motion. The motion carried unanimously.**

Revision Requests Tabled at PRS (see Key Documents)

*NPRR562, Subsynchronous Resonance*

*NPRR697, Disclosure of Protected Information for Research and Coordination Purposes*

*NPRR768, Revisions to Real-Time On-Line Reliability Deployment Price Adder Categories*

*NPRR796, Extended Character Set Clean Up*

*NPRR798, Additional CRR Accounts Request*

*NPRR807, Day-Ahead Market Price Correction*

*NPRR811, Two Day Cure Period for Foreign Market Participant Guarantee Agreements*

PRS took no action on these items.

*NPRR776, Voltage Set Point Communication*

**Mr. Greer moved to recommend approval of NPRR776 as amended by the 1/23/17 ERCOT comments. Mr. Helton seconded the motion. The motion carried unanimously.**

*NPRR777, ERCOT-directed Dispatch of Price-Responsive Distributed Generation*

Market Participants noted the WMS request to table NPRR777 for one month.

**Mr. Greer moved to table NPRR776 for one month. Mr. Helton seconded the motion. The motion carried unanimously.**

*NPRR799, Updates to Outages of Transmission Facilities*

Patrick Peters reviewed the 2/2/17 CenterPoint Energy Comments.

**Mr. Greer moved to recommend approval of NPRR799 as amended by the 1/19/17 Morgan Stanley comments. Mr. Helton seconded the motion. The motion carried with one abstention from the Consumer (Occidental Chemical) Market Segment.**

*NPRR809, GTC or GTL for New Generation Interconnection*

Market Participants noted the recent discussion by QMWG that NPRR809 language is sufficiently conditional so that the proposed definitions do not need further revision to remove “All-Inclusive” to maintain alignment with Planning Guide Revision Request (PGRR) 053, Addition of Proposed All-Inclusive Generation Resources to the Planning Models.

**Mr. Greer moved to recommend approval of NPRR809 as amended by the 1/24/17 ERCOT comments. Barksdale English seconded the motion. The motion carried unanimously.**

Review of Revision Request Language (see Key Documents)

*NPRR813, Updated Terminology Related to Annual Market Settlement Operations Audits*

**Mr. Greer moved to recommend approval of NPRR813 as submitted. Mr. Peters seconded the motion. The motion carried unanimously.**

*NPRR814, Modify Black Start Procurement Cycle*

Nitika Mago reviewed NPRR814, stating that based on recommendations from an external review of Black Start Services (BSS) ERCOT proposed modifying the procurement cycle from two to five years to increase participation in the program. Some Market Participants expressed concern that the increased risk and uncertainty of the five year commitment would reduce participation rather than increase it.

**Mr. Barnes moved to table NPRR814 and refer the issue to ROS and WMS. Mr. Greer seconded the motion. The motion carried unanimously.**

*NPRR815, Revise the Limitation of Load Resources Providing Responsive Reserve (RRS) Service*

**Mr. Greer moved to table NPRR815 and refer the issue to ROS and WMS. Mr. Barnes seconded the motion.** Market Participants discussed the merits of NPRR815. Some Market Participants expressed concern that NPRR815 was a relook at the Future Ancillary Services Team (FAST) effort to redesign Ancillary Services and objected to revisiting the topic. John Dumas reviewed the 2/9/17 LCRA comments stating that the proposed language in NPRR815 will lead to less On-Line thermal generation. Other Market Participants stated that when NPRR667, Ancillary Service Redesign, was rejected stakeholders agreed to consider future language that focused on separate issues. **The motion carried unanimously.**

*NPRR816, Clarification of Definitions of FIP and FOP*

Ino Gonzalez reviewed NPRR816 and stated the intent is to generalize the definitions of the Fuel Index Price (FIP) and Fuel Oil Price (FOP), so ERCOT can procure from different vendors. Market Participants expressed concern for issues related to Settlements and requested further review by WMS.

**Mr. Greer moved to table NPRR816 and refer the issue to WMS. Mr. Barksdale seconded the motion. The motion carried unanimously.**

Notice of Withdrawal

*SCR785, Update RTL calculation to include Real-Time Reserve Price Adder based components*

Ms. Henson noted the withdrawal of SCR785.

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the February 9, 2017 PRS meeting at 11:47 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at [*http://www.ercot.com/calendar/2017/2/9/108216-PRS*](http://www.ercot.com/calendar/2017/2/9/108216-PRS)unless otherwise noted [↑](#footnote-ref-1)
2. <http://www.ercot.com/mktrules/issues/NPRR818#keydocs> [↑](#footnote-ref-2)