**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

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

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Coleman, Diana | OPUC |  |
| Day, Smith | Denton Municipal Electric |  |
| Gibson, C. | Discount Power |  |
| Heino, Shari | Brazos Electric Power Cooperative |  |
| Henson, Martha | Oncor |  |
| Kee, David | CPS Energy |  |
| Ricketts, David | Luminant |  |
| Scott, Kathy | CenterPoint Energy | Alt. Rep. for P. Peters |
| Shaw, Marka | Exelon |  |
| Trevino, Melissa | Occidental Chemical |  |
| Varnell, John | Tenaska Power Services |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Abbott, Kristin | | PUCT | | Via Teleconference |
| Bierschbach, Erika | | Austin Energy | |  |
| Brandt, Adrianne | | CPS | |  |
| Cochran, Seth | | DC Energy | |  |
| Cook, Tim | | LS Power | | Via Teleconference |
| Coon, Patrick | |  | | Via Teleconference |
| Cripe, Ramsey | | Schneider Engineering | | Via Teleconference |
| Downey, Marty | | Viridity | |  |
| Dumas, John | | LCRA | |  |
| Fox, Kip | | AEPSC | |  |
| Goff, Eric | | Citigroup Energy | |  |
| Graham, Greg | | Texas Reliability | | Via Teleconference |
| Gross, Blake | | AEPSC | |  |
| Helton, Bob | | Dynegy | |  |
| Jones, Randy | | Calpine | |  |
| Juricek, Michael | | Oncor | | Via Teleconference |
| Labalt, Louis | | CPS Energy | |  |
| Langley, Jay | | Talen Energy | | Via Teleconference |
| Lee, Jim | | AEPSC | |  |
| Matos, Christopher | | PUCT | | Via Teleconference |
| McKeever, Debbie | | Oncor | | Via Teleconference |
| Messer, Tayaun | | Rayburn Country Electric Cooperative | | Via Teleconference |
| Moeller, Jason | | LCRA | | Via Teleconference |
| Morris, Sandy | | Direct Energy | |  |
| Mortensen, Mark | | Rainbow Energy | | Via Teleconference |
| Plunkett, Derenda | | CenterPoint Energy | | Via Teleconference |
| Powell, Christian | | LCRA | |  |
| Reedy, Steve | | Potomac Economics | | Via Teleconference |
| Reeve, Adam | | REsurety | | Via Teleconference |
| Reid, Walter | | Wind Coalition | |  |
| Rehfeldt, Diana | | TNMP | | Via Teleconference |
| Rigler, Alicia | | Sharyland | |  |
| Robertson, Jennifer | | LCRA | |  |
| Rothschild, Eric | | GDS Assoc. | | Via Teleconference |
| Rowe, Evan | | OSPREY Energy Group | | Via Teleconference |
| Sams, Bryan | | Reliant Energy | |  |
| Sandidge, Clint | | Noble Americas | |  |
| Schwarz, Brad | | Sharyland | | Via Teleconference |
| Siddiqi, Shams | | Crescent Power | |  |
| Smyth, Scott | | Davidson Troilo Ream & Garza, PC | | Via Teleconference |
| Thomas, Wayne | | Bryan Texas Utilities | |  |
| Thompson, David | | Pedernales Electric Cooperative | |  |
| Turner, Lucas | | South Texas Electric Cooperative | |  |
| Walker, Mark | | NRG | |  |
| Whitworth, Doug | | Texas Reliability Entity | | Via Teleconference |
| Wittmeyer, Bob | | Denton Municipal Electric | |  |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Anderson, Troy |  | |  | |
| Bigbee, Nathan |  | |  | |
| Billo, Jeff |  | |  | |
| Bivens, Carrie |  | |  | |
| Boren, Ann |  | |  | |
| Boswell, Bill |  | | Via Teleconference | |
| Bracy, Phil | |  | |  | |
| Butterfield, Lindsay | |  | |  | |
| Clifton, Suzy | |  | |  | |
| Fleming, Lauren | |  | |  | |
| Gonzalez, Ino | |  | |  | |
| Hanson, Kevin | |  | | Via Teleconference | |
| Hartmann, Jimmy | |  | | Via Teleconference | |
| Landry, Kelly | |  | |  | |
| Mele, Cheryl | |  | |  | |
| Matlock, Robert | |  | | Via Teleconference | |
| Phillips, Cory | |  | |  | |
| Prichard, Lloyd | |  | | Via Teleconference | |
| Reed, Bobby | |  | | Via Teleconference | |
| Rickerson, Woody | |  | |  | |
| Rosel, Austin | |  | | Via Teleconference | |
| Ruane, Mark | |  | |  | |
| Simons, Diane | |  | | Via Teleconference | |
| Solis, Stephen | |  | | Via Teleconference | |
| Teixeira, Jay | |  | | Via Teleconference | |
| Thompson, Chad | |  | | Via Teleconference | |
| Thurman, Kathryn | |  | | Via Teleconference | |
| White, Steve | |  | | Via Teleconference | |
| Woodfin, Dan | |  | |  | |
| Zeplin, Rachel | |  | |  | |

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

Martha Henson called the March 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)

*February 9, 2017*

**Bob Helton moved to approve the February 9, 2017 PRS meeting minutes as submitted. Blake Gross seconded the motion. The motion carried unanimously.**

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

Ms. Henson reminded Market Participants that TAC did not meet in February 2017, however Commercial Operations Market Guide Revision Request (COPMGRR) 044, Alignment with NPRR794, Relocation of Unregistered DG Reporting Requirements, was approved by an email vote. Ms. Henson reported the disposition of Revision Requests considered at the February 14, 2017 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 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 go-live date is in Q2 of 2017. Mr. Anderson reviewed the Annual Project Reporting and highlighted documents available to Market Participants to access project information.

Annual Review of Other Binding Document List (see Key Documents)

Ms. Henson reminded Market Participants of the PRS annual obligation to review the list of Other Binding Documents and presented the current list of Other Binding Documents.

**Eric Goff moved to recommend approval of the current list of Other Binding Documents. David Kee seconded the motion. The motion carried unanimously.**

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

*Nodal Protocol Revision Request (NPRR) 776, Voltage Set Point Communication*

Market Participants expressed concern for the need for a Full Time Equivalent (FTE) for the additional voltage point. Steve White reviewed the staffing impacts as presented in the revised Impact Analysis and stated that ERCOT could not absorb the operational impacts for the additional voltage point and the management of permissions between the Transmission Service Provider’s (TSP’s) Inter-Control Center Communications Protocol (ICCP) system, which is open and accessible to all Market Participants and the Qualified Scheduling Entity’s (QSE’s) system which is managed on a point to point basis to ensure confidentiality.

**Mr. Goff moved to endorse and forward to TAC the 2/9/17 PRS Report and the Revised Impact Analysis for NPRR776 with a recommended priority of 2017 and rank of 1970. Mr. Gross seconded the motion. The motion carried unanimously.**

*NPRR799, Updates to Outages of Transmission Facilities*

**Bill Barnes moved to endorse and forward to TAC the 2/9/17 PRS Report and the Impact Analysis for NPRR799. Mr. Kee 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 supported NPRR809, but expressed concern for the additional FTE. ERCOT Staff noted that NPRR809 requires ERCOT to model all Generic Transmission Constraints (GTCs), that an exit strategy allows ERCOT to minimize the reliability risk from the stability constraint and that due to the increasing volume of GTCs, additional resources are needed. Market Participants requested ERCOT provide additional language to the business case to address the reliability benefits.

**Mr. Gross moved to endorse and forward to TAC the 2/9/17 PRS Report and the Impact Analysis for NPRR809 with a recommended priority of 2017 and rank of 1980. Mr. Helton seconded the motion. The motion carried with one objection from the Independent Generator (Luminant) Market Segment and one abstention from the Independent Generator (Exelon) Market Segment.**

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

**Mr. Barnes moved to endorse and forward to TAC the 2/9/17 PRS Report and the Impact Analysis for NPRR813. Mr. Kee seconded the motion. The motion carried unanimously.**

*NOGRR166, Removal of the Daily Grid Operations Summary Reports*

Ms. Henson noted the revised Impact Analysis for Nodal Operating Guide Revision Request (NOGRR) 166 stating that since NOGRR166 now has no impact, PRS would not be required to take action. PRS took no action on this item.

Review of Pending Project Priorities (see Key Documents)

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

Revision Requests Tabled at PRS (see Key Documents)

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

*NPRR796, Extended Character Set Clean Up*

*NPRR807, Day-Ahead Market Price Correction*

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

*NPRR814, Modify Black Start Procurement Cycle*

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

*NPRR816, Clarification of Definitions of FIP and FOP*

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

Ms. Henson noted NPRR777 was withdrawn by the submitter.

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

Nathan Bigbee provided an update on NPRR697 and stated that ERCOT intended to provide additional clarifications within sixty days.

PRS took no action on these items.

*NPRR562, Subsynchronous Resonance*

Ms. Henson yielded the chair to Diana Coleman. Jeff Billo provided an update on NPRR562, highlighting the technical and policy issues resolved with stakeholders; and reviewed the 3/3/17 ERCOT comments. ERCOT and Market Participants expressed appreciation for the cooperation and effort by all those involved.

**Mr. Helton moved to recommend approval of NPRR562 as amended by the 3/3/17 ERCOT comments. Kathy Scott seconded the motion. The motion carried unanimously.**

*NPRR798, Additional CRR Accounts Request*

Market Participants discussed the merits of NPRR798 and the 3/2/17 WMS comments, supported rejecting NPRR798, expressed frustration with the current tool and requested further discussion of alternative approaches to the management of CRR Congestion Revenue Right (CRR) accounts.

**Mr. Goff moved to reject NPRR798. Sandy Morris seconded the motion. The motion carried unanimously.**

*NPRR818, Allow Curtailment of DC Tie Load Prior to Declaring Emergency Condition - URGENT*

Market Participants discussed the merits of NPRR818. David Ricketts reviewed the 3/8/17 Luminant comments stating that curtailment of Direct Current Tie (DC Tie) exports should only occur during Emergency Conditions, after voluntary Load curtailments; and that any impacts or costs associated to address DC Tie curtailments in Energy Emergency Alert (EEA) events should be considered.

**Mr. Ricketts moved to recommend approval of NPRR818 as amended by the 3/8/17 Luminant comments and to forward to TAC. Marka Shaw seconded the motion.** Some Market Participants expressed support for Luminant’s concerns; however opined that recent ERCOT changes implemented per Power Operations Bulletin (POB) #755 have curtailed ongoing DC Tie activities. In response to Market Participants questions, Dan Woodfin stated that conditions changed when non-binding constraints became binding constraints, export requests increased, and a unit switched to Mexico.

**Mr. Goff moved to amend the motion to recommend approval of NPRR818 as amended by the 2/24/17 REMC comments and to forward to TAC. John Varnell seconded the motion. The motion to amend carried with two objections from the Independent Generator (Exelon, Luminant) Market Segment and three abstentions from the Independent Retail Electric Provider (IREP) (2) (Reliant, Direct Energy) and Independent Generator (Dynegy) Market Segments.**

**The motion to recommend approval of NPRR818 as amended by the 2/24/17 REMC comments and to forward to TAC carried with two objections from the Independent Generator (Exelon, Luminant) Market Segment and three abstentions from the IREP (2) (Reliant, Direct Energy) and Independent Generator (Dynegy) Market Segments.**

Review of Revision Request Language (see Key Documents)

*NPRR817, Create a Panhandle Hub*

Seth Cochran reviewed NPRR817. Market Participants expressed support for increasing price transparency in the panhandle region, but requested additional review by WMS of the list of Hub Buses identified in NPRR817, and the pros and cons of excluding the Panhandle Hub from the existing ERCOT-wide Hub averages.

**Mr. Barnes moved to table NPRR817 and refer the issue to the Wholesale Market Subcommittee (WMS). Ms. Scott seconded the motion. The motion carried unanimously.**

*NPRR819, Resettlement Clean-Ups*

Market Participants discussed NPRR819 and requested additional clarification on Settlement process, resettlement triggers, and data errors.

**Ms. Scott moved to table NPRR819 and refer the issue to the Commercial Operations Subcommittee (COPS) and WMS. Smith Day seconded the motion. The motion carried unanimously.**

*NPRR820, Clarification of Aggregate Generation Resource (AGR) Definition*

**Mr. Barnes moved to recommend approval of NPRR820 as submitted. Mr. Helton seconded the motion. The motion carried unanimously.**

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the March 9, 2017 PRS meeting at 10:35 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2017/3/9/108220-PRS>unless otherwise noted [↑](#footnote-ref-1)