**APPROVED Minutes**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, July 20, 2017 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Brandt, Adrianne | CPS Energy |  |
| Burke, Tom | Golden Spread Electric Cooperative |  |
| Coleman, Diana | OPUC |  |
| Day, Smith | Denton Municipal Electric |  |
| Gibson, C. | Discount Power |  |
| Greer, Clayton | Morgan Stanley |  |
| Henson, Martha | Oncor |  |
| Peters, Patrick | CenterPoint Energy |  |
| Ricketts, David | Luminant |  |
| Shaw, Marka | Exelon |  |
| Trevino, Melissa | Occidental Chemical |  |
| Varnell, John | Tenaska Power Services |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Guests:* | |  | |  |
| Ainspan, Malcolm | | NRG | | Via Teleconference |
| Blakey, Eric | | Just Energy | | Via Teleconference |
| Bruce, Mark | | Cratylus Advisors | | Via Teleconference |
| Bryant, Mark | | PUCT | | Via Teleconference |
| Checkley, Jim | | CTT | |  |
| Coleman, Katie | | TIEC | |  |
| Comstock, Read | | Source Power and Gas | |  |
| Cook, Tim | | CTT | |  |
| Coon, Patrick | | Megawatt Analytics | |  |
| Courtney, Gene | | City of Burnet | |  |
| Daigneault, Ralph | | Potomac Economics | |  |
| Dotson-Westphalen, Peter | | CPower | | Via Teleconference |
| Downey, Marty | | Viridity | |  |
| Foos, Richard | | Calpine | | Via Teleconference |
| Foster, Chris | | City of Georgetown | |  |
| Galliguez, Percy | | Brazos Electric | | Via Teleconference |
| Garza, Beth | | Potomac Economics | | Via Teleconference |
| Gaytan, Jose | | City of Denton | | Via Teleconference |
| Goff, Eric | | Citigroup Energy | |  |
| Gross, Blake | | AEPSC | |  |
| Hellinghausen, Bill | | EDF Energy Services | | Via Teleconference |
| Helton, Bob | | Dynegy | |  |
| Hourihan, Michael | | CPower | |  |
| Jones, Randy | | Calpine | |  |
| Juricek, Mike | | Oncor | | Via Teleconference |
| Lange, Clif | | STEC | | Via Teleconference |
| Lee, Jim | | AEPSC | |  |
| Li, Young | | Potomac Economics | | Via Teleconference |
| McCamant, Frank | | Bluebonnet | |  |
| McKeever, Debbie | | Oncor | |  |
| Moeller, Jason | | LCRA | | Via Teleconference |
| Morris, Sandy | | Direct Energy | |  |
| Moss, Steven | | E.ON | |  |
| Mueller, Paula | | Texas Reliability Entity | | Via Teleconference |
| Ongudu, Luke | | City of Brenham | |  |
| Palen, John | | NRG | |  |
| Powell, Christian | | LCRA | |  |
| Rehfeldt, Diana | | Texas New Mexico Power | | Via Teleconference |
| Reid, Walter | | Wind Coalition | |  |
| Robertson, Jennifer | | LCRA | |  |
| Rochelle, Jenni | | CES | |  |
| Rodgers, Vance | | City of Lockhart | |  |
| Roth, Werner | | PUCT | | Via Teleconference |
| Sams, Bryan | | NRG | |  |
| Sandidge, Clint | | Calpine Solutions | |  |
| Scott, Kathy | | CenterPoint Energy | |  |
| Siddiqi, Shams | | Crescent Power | |  |
| Sithuraj, Murali | | Austin Energy | |  |
| Smith, Tom | | Public Citizen | | Via Teleconference |
| Smyth, Scott | | Brownsville Public Utilities Board | |  |
| Stanfield, Leonard | | Invenergy | | Via Teleconference |
| Stubblefield, Lee | | City of Fredericksburg | |  |
| Surendran, Resmi | | Shell Energy | |  |
| Thompson, David | | Pedernales Electric Cooperative | |  |
| Trenary, Michelle | | Tenaska Power Services | | Via Teleconference |
| Troxell, Greg | | City of San Marcos | |  |
| Turner, Lucas | | South Texas Electric Cooperative | |  |
| Watson, Mark | | SPGlobal | | Via Teleconference |
| Whito, Sarah | | TIEC | |  |
| Whittle, Brandon | | Megawatt Analytics | | Via Teleconference |
| Wittmeyer, Bob | | Denton Municipal Electric | |  |
| Zake, Diana | | Lone Star Transmission | |  |
| Zella, Raymond | | City of Cuero | |  |
|  |  | |  | |
| *ERCOT Staff* |  | |  | |
| Albracht, Brittney |  | |  | |
| Anderson, Troy |  | |  | |
| Bivens, Carrie |  | |  | |
| Boren, Ann |  | |  | |
| Bracy, Phil | |  | |  | |
| Butterfield, Lindsay | |  | |  | |
| Castillo, Leo | |  | | Via Teleconference | |
| Clifton, Suzy | |  | |  | |
| Day, Betty | |  | | Via Teleconference | |
| Gonzalez, Ino | |  | | Via Teleconference | |
| Gnanam, Gnanaprabhu | |  | |  | |
| Krein, Steve | |  | | Via Teleconference | |
| Landry, Kelly | |  | |  | |
| Mele, Cheryl | |  | |  | |
| Phillips, Cory | |  | |  | |
| Prichard, Lloyd | |  | | Via Teleconference | |
| Reed, Bobby | |  | | Via Teleconference | |
| Roberts, Randy | |  | | Via Teleconference | |
| Sharma, Sandip | |  | | Via Teleconference | |
| Stice, Clayton | |  | | Via Teleconference | |
| Solis, Stephen | |  | | Via Teleconference | |
| Thompson, Chad | |  | | Via Teleconference | |
| Zeplin, Rachel | |  | | Via Teleconference | |

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

Martha Henson called the July 20, 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)

*June 15, 2017*

**Patrick Peters moved to approve the June 15, 2017 meeting minutes as submitted. Bob Helton 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 June 2017, however Resource Registration Glossary Revision Request (RRGRR) 014, As-Built Clarification for RRGRRs 006, 007, and 009, and Nodal Operating Guide Revision Request (NOGRR) 170, Alignment with NPRR824, Alignment of EEA Level 3 with NERC Reliability Standards EOP-011-1 and BAL-001-2, were approved by email votes.

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 2017/2018 release target dates and project spending and presented the priority and rank options for Revision Requests with impacts.

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

*Nodal Protocol Revision Request (NPRR) 768, Revisions to Real-Time On-Line Reliability Deployment Price Adder Categories*

Market Participants reviewed the Business Case and revised Impact Analysis for NPRR768.

**Clayton Greer moved to endorse and forward to TAC the 6/15/17 PRS Report and the Impact Analysis for NPRR768 with a recommended priority of 2017 and a rank of 2050. Tom Burke seconded the motion. The motion carried with one objection from the Consumer (Occidental Chemical) Market Segment.**

*NPRR821, Elimination of the CRR Deration Process*

Market Participants and ERCOT staff discussed the Impact Analysis for NPRR821.

**Mr. Greer moved to endorse and forward to TAC the 6/15/17 PRS Report and the Impact Analysis for NPRR821 with a recommended priority of 2019 and a rank of 2500, and a proposed effective date of upon system implementation date but no earlier than July 1, 2019. Mr. Burke seconded the motion. The motion carried via roll call with six objections from the Consumer (Occidental Chemical), Independent Generator (Luminant), Independent Retail Electric Provider (IREP) (2) (Direct Energy, Source Power and Gas), Investor Owned Utilities (IOU) (AEPSC), and Municipal (Austin Energy) Market Segments and three abstentions from the Independent Power Marketer (IPM) (Citigroup), IREP (Reliant Energy Retail Services), and IOU (CenterPoint Energy) Market Segments.**

*SCR792, Enhance Communications of BAAL Exceedances*

**Mr. Greer moved to endorse and forward to TAC the 6/15/17 PRS Report and the Impact Analysis for System Change Request (SCR) 792 with a recommended priority of 2017 and a rank of 2060. Mr. Burke seconded the motion. The motion carried unanimously.**

Review of Pending Project Priorities (see Key Documents)

Mr. Anderson reviewed the list of projects planned for initiation in July 2017, August 2017, September 2017, and February 2018.

Revision Requests Tabled at PRS (see Key Documents)

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

Market Participants requested ERCOT provide an update on NPRR697 at the August 11, 2017 PRS Meeting.

*NPRR807, Day-Ahead Market Price Correction*

*NPRR814, Modify Black Start Procurement Cycle*

*NPRR819, Resettlement Clean-Ups*

*NPRR823, Amend the Definition of an Affiliate*

*NPRR825, Require ERCOT to Declare an Emergency Condition Prior to Curtailing any DC Tie Load*

*NPRR828, Include Fast Frequency Response as a Subset of Responsive Reserve*

PRS took no action on these items.

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

**Jennifer Robertson moved to reject NPRR815. Melissa Trevino seconded the motion. The motion failed via roll call with 15 objections from the Consumer (OPUC), Independent Generator (E.ON), IPM (4) (Morgan Stanley, Shell Energy, CitiGroup, Tenaska), IREP (5) (Discount Power, Reliant Energy Retail Services, Viridity, CPower, Direct Energy), IOU (Oncor), and Municipal (CPS Energy, DME, City of Georgetown) Market Segments and three abstentions from the Independent Generator (Exelon), IOU (CenterPoint Energy), and Municipal (Austin Energy) Market Segments.** *(Please see ballot posted with Key Documents***)**

**Mr. Greer move to recommend approval of NPRR815 as amended by the 6/14/17 Sierra Club comments. Michael Hourihan seconded the motion. The motion carried via roll call with 12 objections from the Consumer (Occidental Chemical), Cooperative (4) (Brazos Electric, LCRA, STEC, GSEC), Independent Generator (Luminant), IOU (AEPSC), and Municipal (5) (City of Brenham, City of Burnet, City of Cuero, City of Fredericksburg, City of Lockhart) Market Segments and three abstentions from the Independent Generator (2) (Exelon, Dynegy) and IOU (CenterPoint Energy) Market Segments.** *(Please see ballot posted with Key Documents.[[2]](#footnote-2))*

*NPRR817, Create a Panhandle Hub*

**Bill Barnes moved to recommend approval of NPRR817 as amended by 6/8/17 Megawatt Analytics comments. Mr. Greer seconded the motion. The motion carried with one objection from the Cooperative (GSEC) Market Segment.**

*NPRR826, Mitigated Offer Caps for RMR Resources*

**Mr. Greer moved to recommend approval of NPRR826 as amended by the 6/23/17 ERCOT comments. Mr. Barnes seconded the motion.** Some Market Participants requested additional time to consider NPRR826, pending Public Utility Commission of Texas (PUCT) direction on the issues of local scarcity and Reliability Must-Run (RMR) units.

**David Ricketts moved to table NPRR826. Ms. Trevino seconded the motion.** Some Market Participants supported rejection of NPRR826 stating that it does not create incentives to support investment in new Resources and that other solutions should be considered. Market Participants supporting NPRR826 objected to tabling NPRR826 citing the extensive vetting at the Wholesale Market Subcommittee (WMS) and Qualified Scheduling Entity (QSE) Managers Working Group (QMWG) meetings, but suggested compromising by tabling for a limited time period. **Mr. Goff moved to amend the motion to table NPRR826 for two months. Mr. Barnes seconded the motion.** Market Participants further discussed the timeline. Mr. Goff withdrew the motion**. The motion to table NPRR826 carried with one abstention from the IPM (Morgan Stanley) Market Segment.**

*NPRR829, Incorporate Real-Time Non-Modeled Telemetered Net Generation by Load Zone into the Estimate of RTL*

Market Participants reviewed the 7/14/17 ERCOT comments and provided recommendations for the values of “x” and “y”, five as the minimum number of QSEs and 750 megawatts (MWs) necessary before the aggregate amount of net injection from Non-Modeled Generators that provide Real-Time telemetry to ERCOT can be posted to the Market Information System (MIS).

**Mr. Barnes moved to recommend approval of NPRR829 as amended by the 7/14/17 ERCOT comments and as revised by PRS. Mr. Greer seconded the motion. The motion carried with one abstention from the Consumer (Occidental Chemical) Market Segment.**

*NPRR832, Disallow PTP Obligation Bids and DAM Energy Bids that Sink at Private Use Network Settlement Points Without a Load Distribution Factor – URGENT*

Market Participants reviewed the 7/13/17 WMS comments.

**Mr. Ricketts moved to table NPRR832 until November 2017. Mr. Barnes seconded the motion. The motion carried unanimously.**

*NPRR833, Modify PTP Obligation Bid Clearing Change*

**Mr. Goff moved to grant NPRR833 Urgent status. Mr. Greer seconded the motion. The motion carried unanimously.**

Market Participants reviewed the Impact Analysis for NPRR833. In response to Market Participant questions, Carrie Bivens stated the high cost to implement NRRR833 is due to the contractual obligations for a guaranteed number of hours with the vendor. Market Participants requested ERCOT update the Impact Analysis to reflect committed vendor costs. Market Participants further requested to review the process for recording committed vendor costs in the Impact Analysis at the August 11, 2017 PRS meeting. Mr. Anderson offered priority and rank options for PRS consideration.

**Mr. Greer moved to recommend approval of NPRR833 as amended by the 6/29/17 ERCOT comments with a recommended priority of 2017 and a rank of 1945, and to forward to TAC. Mr. Goff seconded the motion. The motion carried unanimously.**

*SCR791, Correction of 60-day SCED GRD Disclosure Report*

**Mr. Greer moved to recommend approval of SCR791 as submitted. Mr. Burke seconded the motion. The motion carried unanimously.**

Review of Revision Request Language (see Key Documents)

*NPRR834, Clarifications for Repossessions of CRRs by ERCOT*

**Mr. Greer moved to table NPRR834 and refer the issue to WMS. Mr. Burke seconded the motion. The motion carried unanimously.**

*NPRR835, Removing the Capacity Limits from Resources Providing Fast Responding Regulation Service (FRRS)*

Steven Moss reviewed NPRR835 and stated E.ON supports the 7/11/17 ERCOT comments. Market Participants expressed support for the concept of moving the MW capacity limits of Resources providing Fast Responding Regulation Service Up (FRRS-Up) and Fast Responding Regulation Service Down (FRRS-Down) from the Protocols to the Ancillary Service Methodology; but requested additional review by the Reliability and Operations Subcommittee (ROS) and WMS.

**Mr. Ricketts moved to table NPRR835 and refer the issue to ROS and WMS. Ms. Trevino seconded the motion. The motion carried unanimously.**

*NPRR836, Incorporation of Other Binding Document Forms into Protocol Section 23*

Some Market Participants expressed support for NPRR836, noting the improvements in transparency and efficiency and the ability to utilize the Administrative NPRR process for changes. Other Market Participants expressed concern for bypassing the formal stakeholder review process. Cory Phillips reviewed the stakeholder process for Administrative Revision Requests.

**Mr. Goff moved to recommend approval of NPRR836 as submitted. Adrianne Brandt seconded the motion. The motion carried with one objection from the IPM (Morgan Stanley) Market Segment.**

*NPRR837, Regional Planning Group (RPG) Process Reform*

**Mr. Peters moved to table NPRR837 and refer the issue to ROS and WMS. Mr. Barnes seconded the motion. The motion carried unanimously.**

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

**Mr. Barnes moved to table NPRR838 and refer the issue to WMS. Mr. Greer seconded the motion. The motion carried unanimously.**

Other Business

*August PRS meeting date*

Market Participants discussed the conflict with the PUCT meeting and rescheduled the August 10, 2017 PRS meeting to Friday, August 11, 2017.

*Resource Definition Task Force*

Ms. Henson reminded Market Participants the Resource Definition Task Force meeting begins at 1:30 p.m.

Adjournment

Ms. Henson adjourned the July 20, 2017 PRS meeting at 11:07 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2017/7/20/108232-PRS> unless otherwise noted [↑](#footnote-ref-1)
2. <http://www.ercot.com/mktrules/issues/NPRR815#keydocs> [↑](#footnote-ref-2)