**DRAFT**

**Protocol Revision Subcommittee (PRS) Meeting**

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

**Thursday, March 10, 2016 – 9:30am**

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| Attendance*Members:*

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| --- | --- | --- |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Brandt, Adrianne | CPS Energy | Alt. Rep. for D. Detelich |
| Coleman, Diana | OPUC | Via Teleconference |
| Day, Smith | Denton Municipal Energy |  |
| Frazier, Amanda | Luminant |  |
| Greer, Clayton | Morgan Stanley |  |
| Heino, Shari | Brazos Electric |  |
| Messer, Tayaun | Rayburn Country Electric |  |
| Peters, Patrick | CenterPoint Energy |  |
| Sandidge, Clint | Noble Americas |  |
| Trevino, Melissa | Occidental |  |
| Varnell, John | Tenaska Power Services |  |

 *Guests:*

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| --- | --- | --- |
| Abbot, Kristin | PUCT | Via Teleconference |
| Ainspan, Malcom | NRG | Via Teleconference |
| Bern, Alan | Oncor |  |
| Bevill, Jennifer | CES | Via Teleconference |
| Breen, Michael | Siemens |  |
| Bryant, Mark | PUCT | Via Teleconference |
| Checkley, Jim | Cross Texas Transmission |  |
| Clark, Jack | NextEra Energy | Via Teleconference |
| Cobos, Lori | Talen Energy |  |
| Cripe, Ramsey | Schneider Engineering |  |
| Crozier, Richard | BPUB |  |
| Denney, Kristy | Potomac Economics |  |
| English, Rock | Luminant | Via Teleconference |
| Flowers, BJ | Sharyland | Via Teleconference |
| Garcia, Daniel | Enchanted Rock | Via Teleconference |
| Gates, Jeff | Alevo | Via Teleconference |
| Goff, Eric | Citigroup Energy |  |
| Graham, Greg | Texas Reliability Entity | Via Teleconference |
| Gross, Blake | AEPSC |  |
| Hauk, Christine | Garland Power and Light | Via Teleconference |
| Helton, Bob | GDF Suez |  |
| Henson, Martha | Oncor |  |
| Jackson, Natalie | GSEC |  |
| Jacobs, Kaci | TXU | Via Teleconference |
| Jones, Randy | Calpine |  |
| Juricek, Michael | Oncor | Via Teleconference |
| Kee, David | CPS Energy |  |
| Lange, Clif | STEC | Via Teleconference |
| Looney, Sherry | Luminant | Via Teleconference |
| Lu, Shuai | EnerMod |  |
| McGuirk George | Bentek Energy | Via Teleconference |
| McKeever, Debbie | Oncor |  |
| Miller, Margaret | CES | Via Teleconference |
| Morris, Sandy | Direct Energy |  |
| Nease, Nelson | API |  |
| Priestley, Vanus | Macquarie | Via Teleconference |
| Reed Zerwas, Rebecca | NRG |  |
| Rehfeldt, Diana | TNMP | Via Teleconference |
| Reid, Walter | Wind Coalition | Via Teleconference |
| Robertson, Jennifer | LCRA |  |
| Roth, Eric | PUCT | Via Teleconference |
| Sams, Bryan | NRG |  |
| Scott, Kathy | CNP | Via Teleconference |
| Sessions, Tanya | NextEra Energy | Via Teleconference |
| Siddiqi, Shams | Crescent Power |  |
| Smith, Bowman | Freeport LNG |  |
| Smyth, Scott |  | Via Teleconference |
| Thurnher, Greg | Shell Energy | Via Teleconference |
| Totten, Jess | Stratus Energy | Via Teleconference |
| Townsend, Aaron | Austin Energy |  |
| Turner, Lucas | STEC |  |
| Walker, Mark | NRG |  |
| Whittle, Brandon | Mega Watt Analytics |  |
| Wittmeyer, Bob | DME |  |
| Woodruff, Taylor | Oncor | Via Teleconference |
| Zake, Diana | Lone Star Transmission |  |

*ERCOT Staff:*

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| --- | --- | --- |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Bivens, Danny |  | Via Teleconference |
| Boren, Ann |  |  |
| Chang, Sean |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Fohn, Doug |  | Via Teleconference |
| Gonzalez, Ino |  | Via Teleconference |
| Hanson, Kevin |  | Via Teleconference |
| Jin, Julie |  |  |
| Landry, Kelly |  | Via Teleconference |
| Lavas, Jamie |  | Via Teleconference |
| Levine, Jonathan |  |  |
| Mago, Nitika |  | Via Teleconference |
| Morehead, Juliana |  | Via Teleconference |
| Phillips, Cory |  |  |
| Reed, Bobby |  | Via Teleconference |
| Roberts, Randy |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Tozer, Matt |  | Via Teleconference |
| Xiao, Hong |  | Via Teleconference |

*Unless otherwise indicated, all Market Segments were present for a vote.*Amanda Frazier called the March 10, 2016 PRS meeting to order at 9:30 a.m.Antitrust AdmonitionMs. Frazier directed attention to the Antitrust Admonition, which was displayed. A copy of the Antitrust Guidelines was available for review.  |
| Approval of Minutes (Vote)[[1]](#footnote-1)*February 11, 2016***Randy Jones moved to approve the February 11, 2016 PRS meeting minutes as submitted. Bob Helton seconded the motion. The motion carried with one abstention from the Municipal Market Segment (CPS Energy).** |
| Technical Advisory Committee (TAC) and ERCOT Board of Directors (ERCOT Board) ReportsMs. Frazier reminded Market Participants that the ERCOT Board did not meet in March 2016, and that there were no new assignments to PRS out of the February 25, 2016 TAC meeting. |
| Project Update and Summary of Project Priority List (PPL) Activity to Date (see Key Documents)Troy Anderson provided a review of recent and upcoming project highlights, changes to 2016 release targets, and the updated 2016 spending forecast. Mr. Anderson noted that a number of Retail Market Guide Revision Requests (RMGRRs) had been removed from the June 2016 release due to resource constraints and to align with a bundled project, now in planning, that also contains a number of retail changes.*System Change Request (SCR) 755, ERCOT.com Website Enhancements*Mr. Anderson provided an update on the implementation of SCR755, noting that the item had been removed from December 2016 release, as it is dependent on on-going technology upgrade efforts. Mr. Anderson added that he would provide additional updates on the progress of SCR755 at future PRS meetings. Ms. Frazier suggested that the update also be provided at the Market Data Working Group (MDWG).  |
| Annual Review of Other Binding Document List (see Key Documents)Ms. Frazier reminded Market Participants that ERCOT Staff took an assignment to move as much content as possible from the Other Binding Documents into the Protocols, and that PRS will continue its annual obligation to review the list of remaining Other Binding Documents.**Mr. R. Jones moved to approve the current list of Other Binding Documents. John Varnell seconded the motion. The motion carried unanimously.** |
| Review PRS Reports, Impact Analyses, and Prioritization (see Key Documents)*Nodal Protocol Revision Request (NPRR) 741, Clarifications to TPE and EAL Credit Exposure Calculations*Market Participants noted that revisions to NPRR741 made by the 1/20/16 Credit WG comments will require an ERCOT project for implementation, whereas the remaining clarifying revisions can be effective upon ERCOT Board approval. **Bill Barnes moved to endorse and forward to TAC the 2/11/16 PRS Report, as amended by the 2/24/16 Reliant comments, and the Revised Impact Analysis for NPRR741, with a recommended priority of 2016 and a rank of 1555. Mr. Helton seconded the motion. The motion carried unanimously.***NPRR744, RUC Trigger for the Reliability Deployment Price Adder and Alignment with RUC Settlement***Mr. Helton moved to endorse and forward to TAC the 2/11/16 PRS Report, as amended by the 3/8/16 ERCOT comments, and the Impact Analysis for NPRR744, with a recommended priority of 2016 and rank of 1610. Mr. R. Jones seconded the motion.**  Market Participants discussed the Business Case for NPRR744; the need to consider potential impacts of human error when developing Revision Requests; and that projects to implement directives of the PUCT should be viewed as falling outside of typical budget considerations. **The motion carried unanimously.***NPRR745, Change ERS Availability from an Hourly to 15-minute Interval Evaluation plus Other Minor Changes***Mr. Varnell moved to endorse and forward to TAC the 2/11/16 PRS Report and Impact Analysis for NPRR745. Mr. Barnes seconded the motion. The motion carried with one objection from the Independent Power Marketer (IPM) (Morgan Stanley) Market Segment.** *NPRR746, Adjustments Due to Negative Load***Mr. Barnes moved to endorse and forward to TAC the 2/11/16 PRS Report and Impact Analysis for NPRR746 with a recommended priority of 2016 and rank of 1620. Mr. Helton seconded the motion.** Mr. Goff opined that NPRR746 exposes an issue that should be remembered when discussing metering requirements. **The motion carried unanimously.***NPRR748, Revisions associated with COM-002-4 and Other Clarifications Associated with Dispatch Instructions***Mr. R. Jones moved to endorse and forward to TAC the 2/11/16 PRS Report and the Impact Analysis for NPRR748. Smith Day seconded the motion. The motion carried unanimously.** |
| Review of Pending Project Priorities (see Key Documents)Mr. Anderson reviewed the list of projects planned for start in March, April, and August 2016; there were no objections to the list. |
| Revision Requests Tabled at PRS (see Key Documents)*NPRR562, Subsynchronous Resonance**NPRR638, Revisions to Certain Price Components of EAL**NPRR667, Ancillary Service Redesign**NPRR685, Change Criteria for Resource Opportunity Outages**NPRR696, Price Correction Process Following a SCED Failure**NPRR697, Disclosure of Protected Information for Research and Coordination Purposes**NPRR738, ERS Performance Calculations During TDSP Outages**NPRR747, Revision of Voltage Control Requirements**NPRR751, Clarifications for Distributed Generation Resources**NPRR753, Allow AMS Data Submittal Process for TDSP-Read Non-Modeled Generators**NPRR754, Revise Load Distribution Factors Report Posting Frequency**NPRR755, Agent-Only QSE Registration**SCR785, Update RTL calculation to include Real-Time Reserve Price Adder based components* Regarding NPRR667, ERCOT Staff presented additional runs of the Cost Benefit Analysis, and noted the posting of ERCOT comments to NPRR667, as well as responses to stakeholder comments. Market Participants requested that ERCOT Staff submit comment to NPRR756 and provide a comparison of NPRR667 and NPRR756. PRS took no action on these items.*NPRR709, Revisions to Alternative Dispute Resolution Procedure*Market Participants discussed the 2/10/16 TCPA comments to NPRR709 and offered additional revisions.**Mr. Barnes moved to recommend approval of NPRR709 as amended by the 2/10/16 TCPA comments and as revised by PRS. Jennifer Robertson seconded the motion.** ERCOT Staff reiterated its support of a Market Notice to solicit stakeholder comments on issues identified by ERCOT, but noted that other improvements to the process are proposed in NPRR709, even with elimination of the notice and comment period. Ms. Coleman expressed frustration that lack of a comment period before a decision would exclude consumers. Some Market Participants expressed concern for inadvertent disclosure of protected information; Ms. Frazier offered that the concluding process provides disclosure to Loads, and that interested parties will have insight as to how the decision was reached, and whether to pursue an appeal. **The motion carried with on objection from the Consumer Market Segment (Occidental), and two abstentions from the Independent Power Marketer (IPM) (Morgan Stanley) and Independent Retail Electric Provider (IREP) (Direct Energy) Market Segments.***NPRR752, Clarification of Revision Request Process***Mr. Greer moved to recommend approval of NPRR752 as amended by the 2/24/16 ERCOT comments. Mr. Barnes seconded the motion. The motion carried unanimously.** |
| Review of Revision Request Language (see Key Documents)*NPRR756, Enhanced Ancillary Services*Shams Siddiqi reviewed key points of NPRR756. Market Participants requested additional time to file comments to NPRR756, and to compare costs and benefits of NPRR667 and NPRR756, and debated whether to recommend approval of NPRR756 as submitted in order to develop an Impact Analysis.**Mr. Helton moved to table NPRR756. Melissa Trevino seconded the motion. The motion carried unanimously.***NPRR757, Distributed Generation Reporting Improvement***Mr. Barnes moved to recommend approval of NPRR757 as submitted. Mr. Greer seconded the motion.**Market Participants requested NPRR757 be tabled to allow for additional discussion regarding the proposed language, reporting formats, and alignment with a Public Utility Commission of Texas (PUCT) rule.**Patrick Peters moved to table NPRR757. Blake Gross seconded the motion. The motion carried unanimously.***SCR788, Addition of Integral ACE Feedback to GTBD Calculation***Mr. Greer moved to recommend approval of SCR788 as submitted. Ms. Robertson seconded the motion. The motion carried with one abstention from the Consumer Market Segment (Occidental).** |
| Other Business *Notification of Withdrawal – NPRR711, Increase the Interval Data Recorder Meter Mandatory Install Requirement from 700 kW/kVA to 1.5 MW/MVA*Ms. Frazier noted the withdrawal of NPRR711. |
| AdjournmentMs. Frazier adjourned the March 10, 2016 PRS meeting at 12:14 a.m. |

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at

<http://www.ercot.com/calendar/2016/3/10/76940-PRS> unless otherwise noted. [↑](#footnote-ref-1)