**DRAFT**

**Minutes of the Protocol Revision Subcommittee (PRS) Meeting**

**Webex Only**

**Thursday, October 14, 2021 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Blakey, Eric | Just Energy |  |
| Claiborn-Pinto, Shawnee | OPUC |  |
| Coleman, Diana | CPS Energy |  |
| Day, Smith | Denton Municipal Electric |  |
| Greer, Clayton | Morgan Stanley |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation |  |
| Henson, Martha | Oncor |  |
| Levine, Norm | Reliant Energy Retail Services | Alt. Rep. for Bill Barnes |
| Mindham, David | EDP Renewables |  |
| Rich, Katie | Golden Spread Electric Cooperative |  |
| Trevino, Melissa | Occidental Chemical |  |
| Turner, Lucas | South Texas Electric Cooperative |  |
| Varnell, John | Tenaska Power Services |  |
|  |  |  |
| *Guests:* |  |  |
| Abbott, Kristin | Austin Energy |  |
| Ainspan, Malcolm | NRG |  |
| Aldridge, Ryan | AB Power Advisors |  |
| Alford, Anthony | CenterPoint Energy |  |
| Ashley, Kristy | Customized Energy Solutions |  |
| Benson, Mariah | PUCT |  |
| Blackburn, Don | Hunt Energy Network Power Marketing |  |
| Bruce, Mark | Cratylus Advisors |  |
| Bunch, Kevin | EDF Trading |  |
| Bunyan, Michael | Jupiter Power |  |
| Cochran, Seth | DC Energy |  |
| Cook, Tim | LS Power |  |
| Coultas, Ann | Enel Green Power |  |
| Detelich, David | CPS Energy |  |
| Downey, Marty |  |  |
| Goff, Eric | Tesla |  |
| Graham, Sophie | Adapt 2 Solutions |  |
| Heino, Shari | Brazos Electric Cooperative |  |
| Johnson, Anthony | CenterPoint Energy |  |
| Khayat, Maribel | CenterPoint Energy |  |
| Lee, Jim | AEP TX |  |
| Lopez, Annie | East Point Energy |  |
| Lotter, Eric | Grid Monitor |  |
| Lu, Bo | Broad Reach Power |  |
| Martin, Collin | Oncor |  |
| McClellan, Suzi | Good Company Associates |  |
| McKeever, Debbie | Oncor |  |
| McMichael, Richard | National Grid Renewables |  |
| Musher, Danny | Key Capture Energy |  |
| Pak, Sam | Oncor |  |
| Patrick, Kyle | Reliant Energy Retail Services |  |
| Powell, Christian | Pedernales Electric Cooperative |  |
| Rainwater, Kim | LCRA |  |
| Ramaswamy, Ramya | PUCT |  |
| Reed, Carolyn | CenterPoint Energy |  |
| Reedy, Steve | CIM View Consulting |  |
| Rehfeldt, Diana | TNMP |  |
| Richmond, Michele | TCPA |  |
| Rowley, Chris | Oncor |  |
| Scott, Kathy | CenterPoint Energy |  |
| Sharma Frank, Arushi | Tesla |  |
| Shumate, Walt |  |  |
| Siddiqi, Shams | Crescent Power Consulting |  |
| Sithuraj, Murali | Austin Energy |  |
| Smith, Caitlin | Jupiter Power |  |
| Troy, Roy | ACES Power |  |
| Villasana, Kristi | NBU |  |
| Wiegand, Sheri | TXU |  |
| Williams, Lori | BTU |  |
| Wittmeyer, Bob | Broad Reach Power |  |
| Xie, Fei | Austin Energy |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Ayson, Janice |  |  |
| Bernecker, John |  |  |
| Bigbee, Nathan |  |  |
| Blevins, Bill |  |  |
| Boren, Ann |  |  |
| Bracy, Phil |  |  |
| Chen, Yong |  |  |
| Clifton, Suzy |  |  |
| Fleming, Lauren |  |  |
| Gonzalez, Ino |  |  |
| Hartmann, Jimmy |  |  |
| House, Donald |  |  |
| Huang, Fred |  |  |
| Jasper, Madeline |  |  |
| Mago, Nitika |  |  |
| Matlock, Robert |  |  |
| Mereness, Matt |  |  |
| Michelsen, David |  |  |
| Phillips, Cory |  |  |
| Reich, Zach |  |  |
| Roberts, Randy |  |  |
| Rosel, Austin |  |  |
| Ruane, Mark |  |  |
| Scott, Vicki |  |  |
| Sharma, Sandip |  |  |
| Solis, Stephen |  |  |
| Stice, Clayton |  |  |
| Teixeira, Jay |  |  |
| Thurman, Kathryn |  |  |
| Woodfin, Dan |  |  |
| Troublefield, Jordan |  |  |
| Zeplin, Rachel |  |  |

*Unless otherwise indicated, all Market Segments participated in the votes.*

Martha Henson called the October 14, 2021 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

Ms. Henson attention to the Antitrust Admonition, which was displayed.

Approval of Minutes (see Key Documents)[[1]](#footnote-1)

*September 16, 2021*

Market Participants reviewed September 16, 2021 PRS Meeting Minutes. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Technical Advisory Committee (TAC) Update

Ms. Henson reviewed the disposition of items considered at the September 29, 2021 TAC meeting, including the Annual TAC/TAC Subcommittee Structural and Procedural Review.

Project Update (see Key Documents)

Troy Anderson presented project highlights and reviewed the 2021 and 2022 release targets. Mr. Anderson highlighted in-flight Strategic projects, including Fast-Frequency Response (FFR) Advancement and Distributed Generation Resource (DGR)/Distribution Energy Storage Resources (DESRs), and noted that the Battery Energy Storage (BES) Combo Model implementation strategies target go-live date is still in development as the project is on hold until resources are available and there is potential for multiple go-lives. Mark Ruane provided an update on securitization issues, including the Debt Obligation Order (DOO) issued in PUC Docket No. 52321, Application of Electric Reliability Council of Texas, Inc. for a Debt Obligation Order Pursuant to Chapter 39, Subchapter M, of the Public Utility Regulatory Act (PURA) and stated that ERCOT is drafting two Revision Requests and anticipates presenting the additional details, implementation timeline and Next Steps at the October 27, 2021 TAC meeting.

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

*Nodal Protocol Revision Request (NPRR) 1094, Allow Under Frequency Relay Load to be Manually Shed*

*During EEA3*

Market Participants reviewed the Impact Analysis for NPRR1094. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR981, Day-Ahead Market Price Correction Process*

*NPRR1058, Resource Offer Modernization for Real-Time Co-Optimization*

*NPRR1067, Market Entry Qualifications, Continued Participation Requirements, and Credit Risk Assessment*

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1084, Improvements to Reporting of Resource Outages and Derates*

*NPRR1085, Ensuring Continuous Validity of Physical Responsive Capability (PRC) and Dispatch through Timely Changes to Resource Telemetry and Current Operating Plans (COPs)*

*NPRR1088, Applying Forward Adjustment Factors to Forward Market Positions and Un-applying Forward Adjustment Factors to Prior Market Positions*

*NPRR1089, Requiring Highest-Ranking Representative, Official, or Officer of a Resource Entity to Execute Weatherization and Natural Gas Declarations*

*NPRR1091, Changes to Address Market Impacts of Additional Non-Spin Procurement*

*NPRR1092, Remove RUC Offer Floor*

PRS took no action on these items.

*NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs*

Market Participants reviewed NPRR1077 and the 8/16/21 ERCOT comments.

**Blake Gross moved to recommend approval of NPRR1077 as amended by the 8/16/21 ERCOT comments. Anthony Johnson seconded the motion. The motion carried via roll call ballot with two abstentions from the Independent Generator (Broad Reach Power) and Independent Power Marketer (IPM) (Morgan Stanley) Market Segments.** *(Please see ballot posted with Key Documents.)*

*System Change Request (SCR) 816, CRR Auction Bid Credit Enhancement*

Market Participants reviewed SCR816 and the 10/12/21 WMS comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Review of Revision Request Language (see Key Documents)

*NPRR1095, Texas SET V5.0 Changes*

*SCR817, Related to NPRR1095, MarkeTrak Validation Revisions Aligning with Texas SET V5.0*

Kyle Patrick summarized NPRR1095, the 10/5/21 RMS comments, and 10/13/21 Joint TDSPs comments were summarized by Chris Rowley. Sheri Weigand summarized SCR817. Eric Goff summarized the 10/6/21 Tesla comments. Jim Lee summarized NPRR1095, SCR817 and Retail Market Guide Revision Request (RMGRR) 169, Texas SET V5.0 Changes discussion at the October 5, 2021 Retail Market Subcommittee (RMS) meeting. Kathy Scott and other Retail Market Participants discussed the potential delays that NPRR1095 and SCR817 might incur if amended by the 10/6/21 Tesla comments, and suggested the possibility of addressing Tesla’s proposals via MarkeTrak in the short term and incorporating them into a future Texas SET V5.1 release as a longer term solution. Ms. Henson noted these items could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1096, Require Sustained Six Hour Capability for ECRS and Non-Spin*

Nitika Mago summarized NPRR1096 and noted its inclusion on the agenda for the October 19, 2021 Non-Spinning Reserve (Non-Spin) Service Workshop. Market Participants requested additional review of the issues by the Reliability and Operations Subcommittee (ROS) and Wholesale Market Subcommittee (WMS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1097, Create Resource Forced Outage Report*

Dan Woodfin summarized NPRR1097. Some Market Participants expressed concern with the disclosure of certain information (e.g., substation name) and requested tabling of NPRR1097 to await clarifications modifying the proposed reports. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1098, Direct Current Tie (DC Tie) Reactive Power Capability Requirements*

John Bernecker summarized NPRR1098. Market Participants discussed potential impacts to the review and approval timeline should NPRR1098 be tabled, and that Nodal Operating Guide Revision Request (NOGRR) 234, Related to NPRR1098, Direct Current Tie (DC Tie) Reactive Power Capability Requirements and Planning Guide Revision Request (PGRR) 097, Related to NPRR1098, Direct Current Tie (DC Tie) Reactive Power Capability Requirements are being discussed at ROS working groups ahead of the comment period for ROS. Market Participants noted that Urgent status might be requested for the NOGRR234 and PGRR097 so that the three items may be considered together by the ERCOT Board.

**Ian Haley moved to recommend approval of NPRR1098 as submitted. Clayton Greer seconded the motion. The motion carried via roll call ballot with three abstentions from the Consumer (Occidental) and Independent Retail Electric Provider (IREP) (2) (Reliant, Just Energy) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1099, Managing Network Operations Model Resource Nodes*

Sandip Sharma summarized NPRR1099. Market Participants expressed concern for moving Point of Interconnections (POIs) with open Congestion Revenue Rights (CRRs), and impacts to hedging, and requested further discussion at ROS and WMS. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Combined Ballot

**Mr. Haley moved to approve the Combined Ballot as follows:**

* **To approve the September 16, 2021 PRS Meeting Minutes as presented**
* **To endorse and forward to TAC the 9/16/21 PRS Report and Impact Analysis for NPRR1094**
* **To recommend approval of SCR816 as submitted**
* **To recommend approval of NPRR1095 as submitted**
* **To recommend approval of SCR817 as submitted**
* **To table NPRR1096 and refer the issue to ROS and WMS**
* **To table NPRR1097**
* **To table NPRR1099 and refer the issue to ROS and WMS**

**Mr. Greer seconded the motion. The motion carried unanimously via roll call vote.** *(Please see ballot posted with Key Documents.)*

Other Business

*2022 Membership/Segment Elections*

Suzy Clifton reminded Market Participants that the membership date of record is Friday, November 12, 2021, noted a Market Notice was sent on October 1, 2021, and stated that 2022 Segment Representative Elections for TAC and Subcommittees would begin on Monday, November 15, 2021.

*Workshops*

Arushi Sharma Frank requested to host a workshop to discuss NPRR1100, Emergency Switching Solutions for Energy Storage Resources issues ahead of the November 10, 2021 PRS meeting, potentially on October 26, 2021. ERCOT Staff offered to review the stakeholder meeting schedule to confirm.

Clayton Stice encouraged Market Participants to attend the October 14, 2021 DGR Workshop XII at 2:00 p.m.

Adjournment

Ms. Henson adjourned the October 14, 2021 PRS meeting at 12:16 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2021/10/14/214170-PRS> unless otherwise noted [↑](#footnote-ref-1)