**APPROVED**

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

**ERCOT Austin – 8000 Metropolis Drive (Building E), Suite 100 – Austin, Texas 78744**

**Thursday, April 14, 2022 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services | Via Teleconference |
| Blakey, Eric | Just Energy |  |
| Coleman, Diana | CPS Energy |  |
| Day, Smith | Denton Municipal Electric |  |
| Goff, Eric | Residential Consumer |  |
| Greer, Clayton | Morgan Stanley |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation |  |
| Henson, Martha | Oncor |  |
| Mindham, David | EDP Renewables |  |
| Pokharel, Nabaraj | Residential Consumer  | Alt. Rep. for Eric Goff  |
|  |  | NPRR1100 only Via Teleconference |
| Rich, Katie | Golden Spread Electric Cooperative |  |
| Trevino, Melissa | Occidental Chemical | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative | Via Teleconference |
| Varnell, John | Tenaska Power Services |  |
|  |  |  |
| *Guests:* |  |  |
| Abbott, Kristin | Austin Energy | Via Teleconference |
| Ainspan, Malcolm | NRG | Via Teleconference |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Benson, Mariah | PUCT | Via Teleconference |
| Berahmand, Amir | Tesla | Via Teleconference |
| Blackburn, Don | Hunt Energy Network Power Marketing | Via Teleconference |
| Cochran, Seth | DC Energy |  |
| Coleman, Katie | TIEC | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Daigneault, Ralph | Potomac Economics | Via Teleconference |
| Dreyfus, Mark | City of Eastland |  |
| Friday, Ron | LCRA | Via Teleconference |
| Goff, Eric | Tesla | NPRR1100 only |
| Graham, Sophie | Adapt2 Solutions | Via Teleconference |
| Headrick, Bridget | Customized Energy Solutions |   |
| Helton, Bob | ENGIE |  |
| Hendrix, Chris | Demand Control 2 | Via Teleconference |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Jolly, Emily | LCRA | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Kilroy, Taylor | TPPA | Via Teleconference |
| Lasher, Warren | Lasher Energy Consulting | Via Teleconference |
| Lee, Jim | TEC |  |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| Lu, Bo | Broad Reach Power | Via Teleconference |
| McMurray, Creighton | PUCT | Via Teleconference |
| Mendoza, Albert | Occidental | Via Teleconference |
| Nguyen, Andy  | Lower Colorado River Authority |  |
| Petajasoja, Ida | inBalance | Via Teleconference |
| Pyka, Greg | Schneider Engineering | Via Teleconference |
| Ramaswamy, Ramya | PUCT | Via Teleconference |
| Reed, Carolyn | CenterPoint Energy | Via Teleconference |
| Reedy, Steve | CIM View Consulting | Via Teleconference |
| Scott, Kathy | CenterPoint Energy | Via Teleconference |
| Siddiqi, Shams | Crescent Power Consulting | Via Teleconference |
| Singhrastogi, Rama | PUCT | Via Teleconference |
| Smith, Caitlin  | Jupiter Power | Via Teleconference |
| Surendran, Resmi | Shell Energy | Via Teleconference |
| Townsend, Aaron | Potomac Economics | Via Teleconference |
| True, Roy | ACES Power |  |
| Uy, Manny | Hunt Energy | Via Teleconference |
| Villasana, Kristi | NBU | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Wall, Perrin | CenterPoint Energy |  |
| White, Lauri | AEP | Via Teleconference |
| Williams, Wes | Bryan Texas Utilities | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power  | Via Teleconference |
| Wu, Tiffany | PUCT | Via Teleconference |
| Zhang, Bryan | Potomac Economics | Via Teleconference |
| *ERCOT Staff* |  |  |
| Adadjo, Fred |  | Via Teleconference |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Bigbee, Nathan |  | Via Teleconference |
| Boren, Ann |  |  |
| Castillo, Leo |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Day, Betty |  | Via Teleconference |
| Dwyer, Davida |  | Via Teleconference |
| Fleming, Lauren |  | Via Teleconference |
| Garcia, Freddy |  | Via Teleconference |
| Hughes, Lindsey |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Moreno, Alfredo |  |  |
| Pedigo, Jake |  | Via Teleconference |
| Phillips, Cory |  |  |
| Roberts, Randy |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Ruane, Mark |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Stice, Clayton |  |  |
| Warnken, Pete |  | Via Teleconference |
| Wattles, Paul |  | Via Teleconference |
| Xiao, Hong |  | Via Teleconference |
| Zeplin, Rachel |  | Via Teleconference |
|  |  |  |
|  |  |  |

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

Martha Henson called the April 14, 2022 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

*March 9, 2022*

This item was deferred to the May 11, 2022 PRS meeting.

Technical Advisory Committee (TAC) Update

Ms. Henson reviewed the disposition of items considered at the March 30, 2022 and April 13, 2022 TAC meetings, noted that TAC granted the ERCOT Appeal of PRS action on Nodal Protocol Revision Request (NPRR) 1108, ERCOT Shall Approve or Deny All Resource Outage Requests, and stated that NPRR1108 would be considered at the April 18, 2022 Special TAC meeting.

Project Update (see Key Documents)[[1]](#footnote-1)

Troy Anderson provided project highlights, reviewed the 2022 release targets, summarized in-flight strategic projects, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson summarized the project priority discussion at the April 13, 2022 TAC meeting and requested PRS direction in consideration of an updated review of non-started projects impacted by ERCOT resource constraints and strategic projects. Market Participants requested ERCOT provide an updated list of non-started projects at the May 11, 2022 PRS meeting. Mr. Anderson noted the Technology Working Group (TWG) discussion topics and encouraged Market Participants to attend the May 12, 2022 TWG meeting.

Urgency Vote(s) – Waive Notice (See Key Documents)

*NPRR1129, Posting ESI IDs of Transmission-Voltage Customer Opt-Outs*

Ms. Henson noted that due to the filing date of NPRR1129 a successful motion to waive notice would be required for PRS to take action on it.

**Clayton Greer moved to waive notice for NPRR1129. Bob Helton seconded the motion. The motion carried unanimously via roll call ballot.** *(Please see ballot posted with Key Documents.)*

Randy Roberts reviewed the request for Urgent status. Market Participants expressed support to consider NPRR1129 for Urgent status. Mr. Roberts provided an overview of NPRR1129 and in response to Market Participants questions, confirmed the list of Electric Service Identifiers (ESI IDs) will be posted to the existing “Subchapter N Uplift Balance Securitization” page on the ERCOT website. Market Participants reviewed the Impact Analysis for NPRR1129. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

*NPRR1119, Removal of Extraneous Language Pertaining to the Calculation of Weekly Generation and Load Resource Capacity Forecasts*

Market Participants reviewed the Impact Analysis for NPRR1119. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1121, Add a Posting Requirement to the Exceptional Fuel Cost Submission Process*

In response to Market Participant concerns, Fred Adadjo confirmed that Qualified Scheduling Entity’s (QSE’s) submission of Exceptional Fuel Cost will generate in an automated report being posted to the ERCOT website one day after the submission’s Operating Day. Market Participants reviewed the Impact Analysis and appropriate priority and rank for NPRR1121. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*System Change Request (SCR) 820, Operator Real-Time Messaging During Emergency*

Market Participants reviewed the 3/28/22 ERCOT comments to SCR820. PRS took no action on SCR820.

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*

*NPRR1118, Clarifications to the OSA Process*

PRS took no action on these items.

*NPRR1100, Emergency Switching Solutions for Energy Storage Resources*

Martha Henson summarized the 4/12/22 Oncor comments to NPRR1100. Emily Jolly reviewed the 4/12/22 LCRA comments to NPRR1100. Nathan Bigbee summarized the 4/13/22 ERCOT comments to NPRR1100.

**Bob Wittmeyer moved to recommend approval of NPRR1100 as amended by the 4/13/22 ERCOT comments. Mr. Greer seconded the motion.** Some Market Participants requested additional time to review the issues. Eric Goff reiterated Tesla’s concerns for their pending project timeline. Cory Phillips reviewed the Revision Request timeline.

**Perrin Wall moved to grant NPRR1100 Urgent status; and to table NPRR1100. Mr. Greer seconded the motion. The motion carried via roll call ballot with one abstention from the Consumer (Residential Consumer) Market Segment.** *(Please see ballot posted with Key Documents.)*

*NPRR1110, Black Start Requirements Update*

Market Participants noted the 4/7/22 WMS and 4/8/22 ROS comments to NPRR110. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1126, Default Uplift Allocation Enhancement*

Seth Cochran summarized NPRR1126 and default uplift concepts discussed at the March 14, 2022 Credit Work Group (Credit WG) and Market Credit Working Group (MCWG) meeting. Market Participants requested additional time for discussion of NPRR1126 at credit groups. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1127, Clarification of ERCOT Hotline Uses*

Market Participants remarked upon the Reliability and Operations Subcommittee (ROS) decision to table and refer NOGRR241, Related to NPRR1127, Clarification of ERCOT Hotline Uses, to the Operating Working Group (OWG). Mr. Cochran summarized the 4/12/22 DC Energy comments. Market Participants requested review of the issues by ROS. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1128, Allow FFR Procurement up to FFR Limit Without Proration*

Shams Siddiqi summarized NPRR1128. Market Participants requested review of the issues by ROS and the Wholesale Market Subcommittee (WMS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*SCR821, Voltage Set Point Target Information for Distribution Generation Resource (DGR) or Distribution Energy Storage Resource (DESR)*

Blake Gross summarized SCR821. Market Participants noted varying metering accuracy for voltage across devices and requested additional review by ROS. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

**Ian Haley moved to approve the Combined Ballot as follows:**

* **To grant NPRR1129 Urgent status; to recommend approval of NPRR1129 as submitted; and to forward to TAC NPRR1129 and the Impact Analysis**
* **To endorse and forward to TAC the 3/9/22 PRS Report and Impact Analysis for NPRR1119**
* **To endorse and forward to TAC the 3/9/22 PRS Report and Impact Analysis for NPRR1121 with a recommended priority of 2022 and rank of 3590**
* **To recommend approval of NPRR1110 as amended by the 4/1/22 ERCOT comments**
* **To table NPRR1126 and refer the issue to WMS**
* **To table NPRR1127 and refer the issue to ROS**
* **To table NPRR1128 and refer the issue to ROS and WMS**
* **To table SCR821 and refer the issue to ROS**

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

Other Business

*May PRS Meeting*

Market Participants discussed Public Utility Commission of Texas (PUCT) Open meeting conflicts with the May 12, 2022 PRS meeting. Ms. Henson confirmed the rescheduling of the May 12, 2022 PRS meeting to Wednesday, May 11, 2022.

Adjournment

Ms. Henson adjourned the April 14, 2022 PRS meeting at 11:25 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/event?id=1620941326330> unless otherwise noted [↑](#footnote-ref-1)