**APPROVED**

**Minutes of the Protocol Revision Subcommittee (PRS) Meeting – Webex Only**

**Thursday, July 18,** **2024 – 9:30 a.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Blakey, Eric  | Pedernales Electric Cooperative |  |
| Coleman, Diana | CPS Energy |  |
| Goff, Eric | Residential Consumer  |  |
| Henson, Martha | Oncor Electric Delivery (Oncor)  |  |
| Hubbard, John Russ | Occidental Chemical (Occidental) | Alt. Rep. for Melissa Trevino |
| Lee, Jim | CenterPoint Energy (CNP) |  |
| Mindham, David | EDP Renewables North America |  |
| Nguyen, Andy | Constellation Energy Generation (Constellation) |  |
| Turner, Lucas | South Texas Electric Cooperative (STEC) |  |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Xie, Fei | Austin Energy |  |
|  |  |  |
| *Guests:* |  |  |
| Ainspan, Malcolm | NRG |  |
| Aldridge, Ryan | AB Power Advisors |  |
| Amirazodi, Roozbeh | Got Rhythm |  |
| Anderson, Connor | AB Power Advisors |  |
| Anderson, Kevin | Customized Energy Solutions (CES) |  |
| Ashley, Kristy | CES |  |
| Benson, Mariah | Texas Public Power Association (TPPA) |  |
| Berg, Justin | Equilibrium Energy |  |
| Berry, DJ | LCRA |  |
| Bertin, Suzanne |  |  |
| Bevill, Rob | Texas-New Mexico Power (TNMP)  |  |
| Blackburn, Don | Hunt Energy Network Marketing |  |
| Breiten, David | CPS Energy |  |
| Brown, Chris | Public Utility Commission of Texas (PUCT) |  |
| Bulzak, Jack | PUCT |  |
| Cardoza, Matheus |  |  |
| Cheng, Yong | LCRA |  |
| Clark, Jack | Spearmint Energy |  |
| Cortez, Sarai | Trailstone |  |
| Cotton, Ashley | GEUS |  |
| Cripe, Ramsey | SEnergy |  |
| Detelich, David  | CPS Energy |  |
| Dharme, Neeraja | EDFT |  |
| Dreyfus, Mark | City of Eastland |  |
| Frederick, Jennifer | AEP |  |
| Fink, Regan | PG Renewables |  |
| Gant, Jim | Priority Power |  |
| Gelston, Andrew | Grid Status |  |
| Goff, Eric | For NPRR1188 – Lancium / NPRR1238 only  |  |
| Gauldin, Julie | PUCT |  |
| Haley, Ian | Morgan Stanley |  |
| Headrick, Bridget | CES |  |
| Heith, Mattie | Calpine |  |
| Helton, Bob | ENGIE |  |
| Holt, Blake | Lower Colorado River Authority (LCRA) |  |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) |  |
| Huynh, Thuy | Potomac Economics |  |
| Ingraham, Debora | Acciona |  |
| Jewell, Michael | Jewell and Associates |  |
| Jones, Liz | Oncor |  |
| Jha, Monica | Vistra |  |
| Keefer, Andrew | City of Denton |  |
| Keller, Jenna | Potomac Economics |  |
| Kilroy, Taylor | TPPA |  |
| Kinser, Glenn | TGP Trading |  |
| Koz, Brian | Wolframium Power |  |
| Loving, Alicia | Austin Energy |  |
| Lotter, Eric | Grid Monitor |  |
| Lu, Bo | ENGIE |  |
| Matt, Kevin | NRG |  |
| McClellan, Suzi | Good Company Associates |  |
| McDaniel Wyman, Constance | Wyman Ideas, LLC |  |
| McKeever, Debbie | Oncor |  |
| Neville, Zach | CES |  |
| Nicholson, Tyler | PUCT |  |
| Pearson, Arthur | Blueprint Power  |  |
| Pokharel, Nabaraj | OPUC |  |
| Pyka, Greg | SEnergy |  |
| Reedy, Steve | CIM View Consulting |  |
| Rich, Katie | Luminant Generation (Luminant)  |  |
| Rochelle, Jenni | CES |  |
| Safko, Trevor | LCRA |  |
| Sams, Bryan | Calpine |  |
| Scott, Kathy | CNP |  |
| Sersen, Juliana | Baker Botts  |  |
| Siddiqi, Shams | Crescent Power Consulting  |  |
| Snyder, Bill | AEP Texas |  |
| Stice, Clayton |  |  |
| Teng, Shuye | Constellation |  |
| Thomas, Shane | Shell Energy North America (SENA)  |  |
| Thomas, Wayne | Bryan Texas Utilities (BTU) |  |
| Trefny, Floyd | ERCOT Steel Mills  |  |
| True, Roy | ACES |  |
| Uy, Manny | Hunt Energy |  |
| Van Winkle, Kim | PUCT |  |
| Watson, Markham |  |  |
| Williams, Wes | BTU |  |
| Wilson, Joe Dan | Golden Spread Electric Cooperative (GSEC) |  |
| Withrow, David | AEP |  |
| Wittmeyer, Bob | Longhorn Power |  |
| Zang, Hailing | TC Energy |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Arth, Matt |  |  |
| Bigbee, Nathan |  |  |
| Billo, Jeff |  |  |
| Blevins, Bill |  |  |
| Boren, Ann |  |  |
| Day, Betty |  |  |
| Dwyer, Davida |  |  |
| Frosch, Colleen |  |  |
| Gross, Katherine |  |  |
| Hailu, Ted |  |  |
| Hanson, Pamela |  |  |
| Herrera, Shane |  |  |
| Huang, Fred |  |  |
| Kezell, David |  |  |
| Khodabakhsh, Fred |  |  |
| King, Ryan |  |  |
| Lee, Alex |  |  |
| Madam, Vamsi |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  |  |
| Matlock, Robert |  |  |
| Mereness, Matt |  |  |
| Michelsen, Dave |  |  |
| Moorty, Sai |  |  |
| Morris, Sam |  |  |
| Opheim, Calvin |  |  |
| Patterson, Mark |  |  |
| Phillips, Cory |  |  |
| Ragsdale, Kenneth |  |  |
| Rainwater, Kim |  |  |
| Ramthun, Eli |  |  |
| Rosel, Austin |  |  |
| Shanks, Magie |  |  |
| Springer, Agee |  |  |
| Troublefield, Jordan |  |  |
| Warnken, Pete |  |  |
| Wasik-Gutierrez, Erin |  |  |
| Zhang, Bryan |  |  |

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

Diana Coleman called the July 18, 2024 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

Ms. Coleman directed attention to the Antitrust Admonition, which was displayed.

Approval of Minutes (see Key Documents)[[1]](#footnote-2)

*June 13, 2024*

Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Technical Advisory Committee (TAC) Update

Ms. Coleman reviewed the disposition of items considered at the June 24, 2024 TAC meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized 2024 release targets, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson reviewed the June 26, 2024 Technology Working Group (TWG) meeting agenda and encouraged participants to attend the July 25, 2024 TWG meeting.

*Review of Aging Projects*

Mr. Anderson highlighted aging projects discussion and presented the revised analysis and ERCOT recommendations for approved Revision Request projects that have not yet been implemented in ERCOT systems and have the potential to be implemented prior to the Real-Time Co-optimization plus Batteries (RTC+B) project and those considered for post-RTC+B implementation. In response to participant questions and concerns on post-RTC+B implementation items, Mr. Anderson reported that ERCOT was unable to fit the following Revision Requests into the workplan before RTC+B implementation:

* NPRR1006, Update RT On-Line Reliability Deployment Price Adder Inputs to Match Actual Data
* NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs
* NPRR1091, Changes to Address Market Impacts of Additional Non-Spin Procurement

Mr. Anderson reviewed the implementation challenges, resource constraints, and potential impacts to the RTC+B project.

Mr. Anderson stated that ERCOT Staff would continue to review for additional efficiencies and provide an update at a future PRS meeting.

Urgent Vote(s) (see Key Documents)

*NPRR1238, Voluntary Registration of Loads with Curtailable Load Capabilities*

Joe Dan Wilson confirmed that there was no longer a need for urgent status for NPRR1238.

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

*NPRR1217, Remove VDI Requirement for Deployment and Recall of Load Resources and ERS Resources*

Market Participants reviewed the 6/13/24 PRS Report, 5/4/24 Revised Impact Analysis, and discussed the appropriate priority and rank for NPRR1217. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1227, Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies*

Market Participants reviewed the 6/13/24 PRS Report and 4/30/24 Impact Analysis for NPRR1227. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1231, FFSS Program Communication Improvements and Additional Clarifications*

Market Participants reviewed the 6/13/24 PRS Report and 5/7/24 Impact Analysis for NPRR1231. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1233, Modification of Weatherization Inspection Fees on the ERCOT Fee Schedule*

Market Participants reviewed the 6/13/24 PRS Report and 5/28/24 Impact Analysis for NPRR1233. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1180, Inclusion of Forecasted Load in Planning Analyses*

*NPRR1200, Utilization of Calculated Values for Non-WSL for ESRs*

*NPRR1202, Refundable Deposits for Large Load Interconnection Studies*

*NPRR1214, Reliability Deployment Price Adder Fix to Provide Locational Price Signals, Reduce Uplift and Risk*

*NPRR1226, Demand Response Monitor*

*NPRR1229, Real-Time Constraint Management Plan Energy Payment*

*NPRR1232, Standing Deployment of ECRS in the Operating Hour for a Portion of ECRS that is Provided from SCED-Dispatchable Resources*

*NPRR1234, Interconnection Requirements for Large Loads and Modeling Standards for Loads 25 MW or Greater*

*NPRR1235, Dispatchable Reliability Reserve Service as a Stand-Alone Ancillary Service*

*System Change Request (SCR) 826, ERCOT.com Enhancements*

*SCR827, Grid Conditions Graph Addition for Operating Reserve Demand Curve (ORDC) Level*

PRS took no action on these items.

*NPRR1188, Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources*

Ms. Henson reviewed the 7/15/24 Oncor comments to NPRR1188. Market Participants discussed NPRR1188, the 10/5/24 Lancium comments and the 7/15/24 Oncor comments and requested additional time to consider the issues. PRS took no action on this item.

*NPRR1219, Methodology Revisions and New Definitions for the Report on Capacity, Demand and Reserves in the ERCOT Region (CDR)*

Pete Warnken reviewed the 7/9/24 ERCOT comments to NPRR1219. Participants noted discussions at the Supply Analysis Working Group (SAWG), expressed a preference to have revisions implemented before December 2024, and debated Urgent status for NPRR121. Cory Phillips reviewed the Revision Request timeline.

**Bill Barnes moved to grant NPRR1219 Urgent Status. Blake Holt seconded the motion. The motion carried with five objections from the Consumer (Occidental), Independent Generator (ENGIE), and Investor Owned Utilities (IOUs) (3) (Oncor, TNMP, CNP) Market Segments, and five abstentions from the Consumer (Residential), Independent Power Marketer (IPM) (Tenaska), and Municipals (3) (CPS Energy, GEUS, Austin Energy) Market Segments.** *(Please see ballot posted with Key Documents.)*

Market Participants reviewed the 3/5/24 Impact Analysis and discussed the appropriate priority and rank for NPRR1219.

**Mr. Barnes moved to recommend approval of NPRR1219 as amended by the 7/9/24 ERCOT comments and to forward to TAC NPRR1219 and the 3/5/24 Impact Analysis with a recommended priority of 2024 and rank of 4110. Mr. Holt seconded the motion. The motion carried with one objection from the Consumer (Occidental) Market Segment, and five abstentions from the Consumer (Residential), Independent Generators (2) (ENGIE, EDP Renewables), IPM (Tenaska), and Municipal (GEUS) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1221, Related to NOGRR262, Provisions for Operator Controlled Manual Load Shed*

Market Participants reviewed the 7/11/24 ROS comments to NPRR1221. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1236, RTC+B Modifications to RUC Capacity Short Calculations*

ERCOT Staff provided an overview of NPRR1236 and proposed desktop edits to clarify the definition of a Settlement variable and correct a typographical error. Market Participants expressed support for the proposed desktop edits. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1237, Retail Market Qualification Testing Requirements*

Kathy Scott provided and overview of NPRR1237. Market Participants requested additional review by the Retail Market Subcommittee (RMS). Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1238, Voluntary Registration of Loads with Curtailable Load Capabilities*

Mr. Wilson provided an overview of NPRR1238. Market Participants noted the 7/11/24 ROS comments and requested that NPRR1238 be tabled and referred to the Reliability and Operations Subcommittee (ROS) and Wholesale Market Subcommittee (WMS) for further review by the Operations Working Group (OWG) and Wholesale Market Working Group (WMWG).

**Mr. Wilson moved to table NPRR1238 and refer the issue to ROS and WMS. Martha Henson seconded the motion. The motion carried unanimously.**  *(Please see ballot posted with Key Documents.)*

*NPRR1239, Access to Market Information*

*NPRR1240, Access to Transmission Planning Information*

Kim Rainwater provided an overview of NPRR1239 and NPRR1240. Market Participants requested additional time to review the issues. Ms. Coleman noted these items could be considered for inclusion in the [Combined Ballot.](#Ballot)

Combined Ballot

**Bob Helton moved to approve the Combined Ballot as follows:**

* **To approve the June 13, 2024 PRS Meeting Minute as presented**
* **To endorse and forward to TAC the 6/13/24 PRS Report and 5/14/24 Revised Impact Analysis for NPRR1217 with a recommended priority of 2024 and rank of 4100**
* **To endorse and forward to TAC the 6/13/24 PRS Report and 4/30/24 Impact Analysis for NPRR1227**
* **To endorse and forward to TAC the 6/13/24 PRS Report and 5/7/24 Impact Analysis for NPRR1231**
* **To endorse and forward to TAC the 6/13/24 PRS Report and 5/28/24 Impact Analysis for NPRR1233**
* **To recommend approval of NPRR1221 as submitted**
* **To recommend approval of NPRR1236 as revised by PRS**
* **To table NPRR1237 and refer the issue to RMS**
* **To table NPRR1239**
* **To table NPRR1240**

**Jim Lee seconded the motion.** **The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

Other Business

*2025 Meeting Schedule*

Market Participants reviewed the draft 2025 Block Calendar and expressed support for proposed meeting efficiencies, including moving PRS meetings to Wednesdays in consideration of potential Public Utility Commission of Texas (PUCT) Open meeting conflicts.

Adjournment

Ms. Coleman adjourned the July 18, 2024 PRS meeting at 12:03 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/07182024-PRS-Meeting-_-Webex> unless otherwise noted [↑](#footnote-ref-2)