**APPROVED**

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

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

**Thursday, December 12** **,** **2024 – 1:00 p.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Coleman, Diana | CPS Energy |  |
| Henson, Martha | Oncor Electric Delivery (Oncor)  |   |
| Lee, Jim | CenterPoint Energy (CNP) |   |
| Mindham, David | EDP Renewables North America (EDP Renewables) | Via Teleconference |
| Nguyen, Andy | Constellation Energy Generation (Constellation) |   |
| Trevino, Melissa | Occidental Chemical (Occidental) | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) | Via Teleconference |
| Xie, Fei | Austin Energy | Via Teleconference |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions (CES) | Via Teleconference |
| Beckman, Kara | NextEra Energy | Via Teleconference |
| Bevill, Rob | Texas-New Mexico Power (TNMP)  |  |
| Bulzak, Jacob | Public Utility Commission of Texas (PUCT) | Via Teleconference |
| Chan, Vanessa | ENEL | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Duensing, Allison | Sarac Energy | Via Teleconference |
| Garrett, Bob | Key Capture Energy | Via Teleconference |
| Goff, Eric | Lancium | Via Teleconference |
| Greer, Clayton | Cholla Petroleum | Via Teleconference |
| Haley, Ian | Morgan Stanley |  |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) | Via Teleconference |
| Jewell, Michael | Jewell and Associates | Via Teleconference |
| Jones, Monica | CNP | Via Teleconference |
| Kilroy, Taylor | Texas Public Power Association (TPPA) | Via Teleconference |
| King, Blake | Galaxy | Via Teleconference |
| Loew, Beverly | Goff Policy | Via Teleconference |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| Lu, Bo | ENGIE | Via Teleconference |
| Macaraeg, Tad | Stem | Via Teleconference |
| McClellan, Suzi | Good Company Associates | Via Teleconference |
| McFadin, Gage | OCI Energy | Via Teleconference |
| Miller, Alex | EDF Renewables | Via Teleconference |
| Morris, Sandy | WETT | Via Teleconference |
| Moser, Jesse | NextEra Energy | Via Teleconference |
| Neel, Evan | Lancium | Via Teleconference |
| Orr, Robert | Lone Star Transmission | Via Teleconference |
| Pietrucha, Doug | Texas Advanced Energy Business Alliance (TAEBA) | Via Teleconference |
| Price, Mark | DC Energy | Via Teleconference |
| Rasmussen, Erin | AEP | Via Teleconference |
| Reich, Zach | NextEra Energy | Via Teleconference |
| Rich, Katie | Luminant Generation (Luminant)  | Via Teleconference |
| Scott, Kathy | CNP |  |
| Smith, Caitlin | Jupiter Power | Via Teleconference |
| Smith, Mark | CMC Steel | Via Teleconference |
| Teng, Shuye | Constellation | Via Teleconference |
| Thomas, Pinky | Austin Energy | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Whigham, Dawud | BP | Via Teleconference |
| Withrow, David | AEPSC |  |
| Wittmeyer, Bob | Longhorn Power | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |   |
| Arth, Matt |  |  |
| Azeredo, Chris |  | Via Teleconference |
| Benavides, Marcos |  |  |
| Bigbee, Nathan |  | Via Teleconference |
| Boren, Ann |  |   |
| Castillo, Leo |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Drake, Gordon |  |  |
| Findley, Samantha |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Gonzalez, Ino |  | Via Teleconference |
| Gross, Katherine |  | Via Teleconference |
| Hailu, Ted |  | Via Teleconference |
| King, Ryan |  | Via Teleconference |
| Krishna, Ashwini |  | Via Teleconference |
| Lofton, Amy |  |  |
| Magarinos, Marcelo |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Meier, Eric |  | Via Teleconference |
| Mereness, Matt |  | Via Teleconference |
| Michelsen, Dave |  | Via Teleconference |
| Moreno, Alfredo  |  |  |
| Morris, Sam |  | Via Teleconference |
| Opheim, Calvin |  | Via Teleconference |
| Patterson, Mark |  | Via Teleconference |
| Phillips, Cory |  |   |
| Rainwater, Kim |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Sanchez, Daniel |  | Via Teleconference |
| Sills, Alex |  | Via Teleconference |
| Troublefield, Jordan |  |  |
| Wasik-Gutierrez, Erin |  |  |

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

Diana Coleman called the December 12, 2024 PRS meeting to order at 1:00 p.m.

Antitrust Admonition

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

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

*November 14, 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 November 20, 2024 TAC meeting and noted the PRS accomplishments highlighted by Caitlin Smith in the TAC and Subcommittee report presented to the ERCOT Board of Directors (Board) at its December 9, 2024 meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized 2024 and 2025 release targets, and reviewed major projects. Mr. Anderson reviewed the November 21, 2024 Technology Working Group (TWG) meeting agenda items and encouraged participants to attend the December 19, 2024 TWG meeting.

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

*Nodal Protocol Revision Request (NPRR) 1243, Revision to Requirements for Notice and Release of Protected Information or ECEII to Certain Governmental Authorities*

*NPRR1250, RPS Mandatory Program Termination*

*NPRR1252, Pre-notice for Sharing of Some Information, Addition of Research and Innovation Partner, Clarifying Notice Requirements*

*NPRR1258, TSP Performance Monitoring Update*

Participants reviewed the 7/24/24 Impact Analysis for NPRR1243, 8/27/24 Impact Analysis for NPRR1250, 8/28/24 Impact Analysis for NPRR1252, and 10/29/24 Impact Analysis for NPRR1258. Ms. Coleman noted these items could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1253, Incorporate ESR Charging Load Information into ICCP*

Mr. Anderson reviewed the 12/3/24 ERCOT comments to NPRR1253. 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*

*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*

*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*

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

*NPRR1241, Firm Fuel Supply Service (FFSS) Availability and Hourly Standby Fee*

*NPRR1255, Introduction of Mitigation of ESRs*

*NPRR1256, Settlement of MRA of ESRs*

*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.

*NPRR1251, Updated FFSS Fuel Replacement Costs Recovery Process*

Participants reviewed the 12/5/24 WMS comments to NPRR1251 and discussed the options available to Firm Fuel Supply Service Resources (FFSSRs) for restocking fuel with existing fuel reserves versus new fuel purchases.

**Andy Nguyen moved to recommend approval of NPRR1251 as amended by the 12/5/24 WMS comments. Bill Barnes seconded the motion. The motion carried with one abstention from the Consumer (Occidental) Market Segment.** *(Please see ballot posted with Key Documents.)*

*NPRR1257, Limit on Amount of RRS a Resource can Provide Using Primary Frequency Response*

Participants noted the ROS endorsement of NPRR1257 as submitted. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1259, Update Section 15 Level Response Language*

Participants reviewed the 12/10/24 RMS comments to NPRR1259. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1260, Corrections for CLR Requirements Inadvertently Removed*

Cory Phillips provided an overview of NPRR1260. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1261, Operational Flexibility for CRR Auction Transaction Limits*

Samantha Findley provided an overview of NPRR1261. Mark Price reviewed the 12/6/24 DC Energy comments to NPRR1261. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1262, Ancillary Service Opt Out Clarification*

Clayton Greer provided an overview of NPRR1262 and the 11/27/24 Cholla comments. Matt Arth

reviewed the 12/6/24 ERCOT comments to NPRR1262. Evan Neel reviewed the 12/10/24 Lancium comments to NPRR1262. ERCOT Staff and participants requested additional time to understand impacts of the proposed language. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*SCR828, Increase the Number of Resource Certificates Permitted for an Email Domain in RIOO*

Kara Beckman provided an overview of SCR828. Participants discussed the need to increase the limit above 50 certificates per email domain. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Notice of Withdrawal

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

*NPRR1242, Related to VCMRR042, SO2 and NOx Emission Index Prices Used in Verifiable Cost Calculations*

Ms. Coleman noted the withdrawal of NPRR1200 and NPRR1242.

Other Business

*ERCOT Dashboard Roadmap*

Amy Lofton presented the ERCOT Dashboard Roadmap, including defining the process for new dashboards and for changes to existing dashboards and communication options for submitting feedback. Ms. Lofton stated that the roadmap is anticipated to be implemented in 2025. Some participants expressed concern for increased volume of changes and lack of stakeholder involvement, and discussed alternate solutions through the stakeholder process. In response to participants questions and concerns, Ms. Lofton stated that the appropriate forum for discussion on potential dashboard changes or enhancements will be TWG, noting that these are not required postings. Ms. Lofton offered to provide additional updates on the process/timeline at future PRS meetings.

*PRS Meeting Efficiencies*

Participants discussed PRS efficiencies for Revision Requests tabled at PRS. Mr. Nguyen noted that PRS leadership anticipated conducting a deeper dive on PRS meeting efficiencies in Q1 2025.

Combined Ballot

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

* **To approve the November 14, 2024 PRS Meeting Minutes as presented**
* **To endorse and forward to TAC the 11/14/24 PRS Report and 7/24/24 Impact Analysis for NPRR1243**
* **To endorse and forward to TAC the 11/14/24 PRS Report and 8/27/24 Impact Analysis for NPRR1250**
* **To endorse and forward to TAC the 11/14/24 PRS Report and 8/28/24 Impact Analysis for NPRR1252**
* **To table NPRR1253**
* **To endorse and forward to TAC the 11/14/24 PRS Report and 10/29/24 Impact Analysis for NPRR1258**
* **To recommend approval of NPRR1257 as submitted**
* **To recommend approval of NPRR1259 as amended by the 12/10/24 RMS comments**
* **To recommend approval of NPRR1260 as submitted**
* **To recommend approval of NPRR1261 as submitted**
* **To table NPRR1262**
* **To recommend approval of SCR828 as submitted**

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

Adjournment

Ms. Coleman adjourned the December 12, 2024 PRS meeting at 2:55 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/12102025-PRS-Meeting> unless otherwise noted. [↑](#footnote-ref-2)