**DRAFT**

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

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

**Thursday, November 14** **,** **2024 – 9:30 a.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) | Via Teleconference |
| Blakey, Eric  | Pedernales Electric Cooperative (PEC)  |   |
| Coleman, Diana | CPS Energy |  |
| 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 (EDP Renewables) | Via Teleconference |
| Nguyen, Andy | Constellation Energy Generation (Constellation) |   |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) | Via Teleconference |
| Winn, Aaron | Chariot Energy | Via Teleconference |
| Xie, Fei | Austin Energy | Via Teleconference |
|  |  |  |
| *Guests:* |  |  |
| Ainspan, Malcolm | NRG | Via Teleconference |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Ashley, Kristy | CES | Via Teleconference |
| Beard, Mason | Hunt Energy | Via Teleconference |
| Beckman, Kara | NextEra Energy | Via Teleconference |
| Benson, Mariah | Texas Public Power Association (TPPA) | Via Teleconference |
| Bevill, Rob | Texas-New Mexico Power (TNMP)  | Via Teleconference |
| Bivens, Carrie | NextEra Energy | Via Teleconference |
| Chan, Vanessa | ENEL | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Dawud, Whigham | BP | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Fink, Regan | PG Renewables | Via Teleconference |
| Hall, Matthew | Invenergy | Via Teleconference |
| Headrick, Bridget | CES | Via Teleconference |
| Holt, Blake | Lower Colorado River Authority (LCRA) | Via Teleconference |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Jha, Monica | Vistra | Via Teleconference |
| Jones, Monica | CNP | Via Teleconference |
| Keefer, Andrew | DME | Via Teleconference |
| Kilroy, Taylor | TPPA | Via Teleconference |
| Leverett, Travis | WETT | Via Teleconference |
| Loew, Beverly | Goff Policy | Via Teleconference |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| Lu, Bo | ENGIE | Via Teleconference |
| McDaniel Wyman, Constance | Wyman Ideas, LLC | Via Teleconference |
| Miller, Alex | EDF Renewables | Via Teleconference |
| Neville, Zach | CES | Via Teleconference |
| Pietrucha, Doug | Texas Advanced Energy Business Alliance (TAEBA) | Via Teleconference |
| Pokharel, Nabaraj | Office of Public Utility Counsel (OPUC) | Via Teleconference |
| Preas, Dylan | LCRA TSC | Via Teleconference |
| Price, Mark | DC Energy | Via Teleconference |
| Reedy, Steve | CIM View Consulting |   |
| Reimers, Andrew | Potomac Economics | Via Teleconference |
| Rich, Katie | Luminant Generation (Luminant)  | Via Teleconference |
| Rochelle, Jennifer | CES | Via Teleconference |
| Sablosky, Maximillian | Qcells | Via Teleconference |
| Safko, Trevor | LCRA | Via Teleconference |
| Scott, Kathy | CNP |  |
| Siddiqi, Shams | Crescent Power | Via Teleconference |
| Smith, Caitlin | Jupiter Power | Via Teleconference |
| Teng, Shuye | Constellation | Via Teleconference |
| Thomas, Shane | SENA | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Van Winkle, Kim | PUCT | Via Teleconference |
| Velasquez, Ivan | Oncor | Via Teleconference |
| Wagner, Julie | PUCT | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Wilson, Joe Dan | Golden Spread Electric Cooperative (GSEC) | Via Teleconference |
| Withrow, David | AEP | Via Teleconference |
| Wittmeyer, Bob | Longhorn Power |  |
| Zang, Hailing | TC Energy | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |   |
| Arth, Matt |  |  |
| Azeredo, Chris |  | Via Teleconference |
| Benavides, Marcos |  |  |
| Billo, Jeff |  | Via Teleconference |
| Boren, Ann |  |   |
| Cheng, Yong |  | Via Teleconference |
| Clifton, Suzy |  | Via Teleconference |
| El-Madhoun, Mohamed |  | Via Teleconference |
| Finke, Sidney |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Gnanam, Prabhu |  |  |
| Golen, Robert |  | Via Teleconference |
| Gonzalez, Ino |  | Via Teleconference |
| Gross, Katherine |  |   |
| Hailu, Ted |  | Via Teleconference |
| King, Ryan |  | Via Teleconference |
| Magarinos, Marcelo |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Meier, Eric |  | Via Teleconference |
| Meier, Kennedy |  | Via Teleconference |
| Mereness, Matt |  | Via Teleconference |
| Michelsen, Dave |  | Via Teleconference |
| Opheim, Calvin |  | Via Teleconference |
| Phillips, Cory |  |   |
| Rainwater, Kim |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Sills, Alex |  | Via Teleconference |
| Troublefield, Jordan |  | Via Teleconference |
| Wasik-Gutierrez, Erin |  |  |
| Yan, Ping |  | Via Teleconference |
| Zhang, Bryan |  | Via Teleconference |

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

Diana Coleman called the November 14, 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)

*October 17, 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 October 30, 2024 TAC meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, including the November 10, 2024 go-live of the Texas Standard Electronic Transaction (SET) V5.0 project, summarized 2024 and 2025 release targets, reviewed the major projects, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson reviewed the October 24, 2024 Technology Working Group (TWG) meeting agenda items and encouraged participants to attend the November 21, 2024 TWG meeting.

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

*Nodal Protocol Revision Request (NPRR) 1239, Access to Market Information*

*NPRR1240, Access to Transmission Planning Information*

Mr. Anderson presented efficiencies in the respective 10/29/24 Revised Impact Analyses for NPRR1239 and NPRR1240, reviewed the priority and rank for each, and noted that the implementation timeline is dependent on the Real-Time Co-optimization Plus Batteries (RTC+B) project impacts. Ms. Coleman noted these items could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era*

Market Participants reviewed the 7/31/24 Impact Analysis for NPRR1246. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1254, Modeling Deadline for Initial Submission of Resource Registration Data*

Market Participants reviewed the 10/2/24 Impact Analysis for NPRR1254. 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*

*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*

*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*

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

*NPRR1251, Updated FFSS Fuel Replacement Costs Recovery Process*

*NPRR1255, Introduction of Mitigation 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.

*NPRR1243, Revision to Requirements for Notice and Release of Protected Information or ECEII to Certain Governmental Authorities*

Marth Henson reminded Market Participants of her review of the 10/14/24 Oncor comments to NPRR1243 at the October 17, 2024 PRS meeting. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1247, Incorporation of Congestion Cost Savings Test in Economic Evaluation of Transmission Projects*

Market Participants recounted recent Planning Working Group (PLWG) and Reliability and Operations Subcommittee (ROS) discussions on NPRR1247. Matt Arth reviewed the 11/11/24 ERCOT comments to NPRR1247 and requested Urgency to qualify for consideration at the December 3, 2024 ERCOT Board (Board) meeting and reiterated the preference to exclude white paper references from the Protocols, citing their separate approval process. Some stakeholders expressed concern regarding incomplete details and possible suboptimal outcomes that might arise from the expedited stakeholder process. Mr. Arth confirmed a forthcoming Planning Guide Revision Request (PGRR) to provide additional detail.

**Martha Henson moved to grant NPRR1247 Urgent status; to recommend approval of NPRR1247 as amended by the 11/11/24 ERCOT comments; and to forward to TAC NPRR1247 and the 8/9/24 Impact Analysis. Eric Blakey seconded the motion. The motion carried with two objections from the Cooperative (STEC) and Independent Generator (Luminant) Market Segments, and four abstentions from the Independent Generator (Constellation), Independent Power Marketer (IPM) (Tenaska), and Independent Retail Electric Provider (IREP) (2) (Reliant, Chariot Energy) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1250, RPS Mandatory Program Termination*

Market Participants discussed timing logistics under proposed language in Protocols, Sections 2.1, Definitions, and 14.3.2, Attributes of Renewable Energy Credits and Compliance Premiums, regarding a Compliance Premium termination date. ERCOT Staff confirmed that termination date reflects House Bill 1500 and implemented NPRR1218, REC Program Changes Per P.U.C. SUBST. R. 25.173, Renewable Energy Credit Program, language. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

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

Katherine Gross reviewed the 11/8/24 ERCOT comments to NPRR1252. Doug Fohn noted ERCOT anticipates filing an additional Revision Request for clarifications on the Standard Form Market Participant Agreement. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1253, Incorporate ESR Charging Load Information into ICCP*

Market Participants reviewed the 10/20/24 ERCOT comments to NPRR1253. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1256, Settlement of MRA of ESRs*

ERCOT Staff provided an overview of NPRR1256. Market Participants requested further review of the issues by the Wholesale Market Subcommittee (WMS). Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

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

Nitika Mago provided an overview of NPRR1257. Market Participants reviewed the 11/8/24 ROS comments to NPRR1257 and requested PRS table NPRR1257 and refer the issue to ROS. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1258, TSP Performance Monitoring Update*

Eric Meier provided an overview of NPRR1258. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1259, Update Section 15 Level Response Language*

Market Participants reviewed NPRR1259 and requested review of the issue by the Retail Market Subcommittee (RMS). Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Other Business

*December PRS Meeting*

Ms. Coleman reviewed potential meeting efficiencies for the December 12, 2024 PRS meeting in consideration of PUCT Open meeting conflicts, including a potential reschedule or 1:00 p.m. start.

Combined Ballot

**Blake Holt moved to approve the Combined Ballot as follows:**

* **To approve the October 17, 2024 PRS Meeting Minutes as presented**
* **To endorse and forward to TAC the 10/17/24 PRS Report and 10/29/24 Revised Impact for NPRR1239 with a recommended priority of 2025 and rank of 4540**
* **To endorse and forward to TAC the 10/17/24 PRS Report and 10/29/24 Revised Impact for NPRR1240 with a recommended priority of 2025 and rank of 4540**
* **To endorse and forward to TAC the 10/17/24 PRS Report and 7/31/24 Impact Analysis for NPRR1246**
* **To endorse and forward to TAC the 10/17/24 PRS Report and 10/2/24 Impact Analysis for NPRR1254**
* **To recommend approval of NPRR1243 as amended by the** **10/14/24 Oncor comments**
* **To recommend approval of NPRR1250 as submitted**
* **To recommend approval of NPRR1252 as amended by the 11/8/24 ERCOT comments**
* **To recommend approval of NPRR1253 as amended by the 10/10/24 ERCOT comments**
* **To table NPRR1256 and refer the issue to WMS**
* **To table NPRR1257 and refer the issue to ROS**
* **To recommend approval of NPRR1258 as submitted**
* **To table NPRR1259 and refer the issue to RMS**

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

Adjournment

Ms. Coleman adjourned the November 14, 2024 PRS meeting at 2:27 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/11142024-PRS-Meeting> unless otherwise noted. [↑](#footnote-ref-2)