**DRAFT**

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

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

**Wednesday, December 10, 2025** **– 9:30 a.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) | Via Teleconference |
| Bevill, Rob | Texas-New Mexico Power (TNMP) | Via Teleconference |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) |  |
| Coleman, Diana | CPS Energy |  |
| Darden, Austin | Just Energy | Via Teleconference |
| Dillard, Michael | Austin Energy | Alt. Rep. for Fei Xie Via  Teleconference |
| Garza, Beth | Residential Consumer |  |
| Hanson, Kevin | Invenergy Energy Management (Invenergy) |  |
| Lee, Jim | CenterPoint Energy (CNP) |  |
| Nguyen, Andy | Constellation Energy Generation (Constellation) | Via Teleconference |
| Pueblos, Jameel | Occidental Chemical (Occidental) | Alt. Rep. for Melissa Trevino |
| Thomas, Shane | Shell Energy North America (SENA) |  |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) | Via Teleconference |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Andrade, Heverton | Gridmonitor | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions (CES) | Via Teleconference |
| Basaran, Harika | PUCT | Via Teleconference |
| Benson, Mariah | Texas Public Power Association (TPPA) | Via Teleconference |
| Bonskowski, Ned | Vistra Operations Company | Via Teleconference |
| Brasel, Kade | CPS Energy | Via Teleconference |
| Cardiel, Jonathan | Public Utility Commission of Texas (PUCT) | Via Teleconference |
| Cockrell, Justin | DC Energy |  |
| Cotton, Ashley | Greenville Electric Utility System (GEUS) | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Duensing, Allison |  | Via Teleconference |
| Gauldin, Julie | PUCT | Via Teleconference |
| Gill, Dara |  | Via Teleconference |
| Goff, Eric | Goff Policy | Via Teleconference |
| Haley, Ian | Morgan Stanley |  |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Holt, Blake | LCRA |  |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) |  |
| Keefer, Andrew | DME | Via Teleconference |
| Kirby, Brandon |  | Via Teleconference |
| Kozlowski, Brian |  | Via Teleconference |
| McGraw, Daniel |  | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Montoya, Inigo |  | Via Teleconference |
| Mote, Mitch | Base Power Company | Via Teleconference |
| Orr, Robert |  | Via Teleconference |
| Pearson, Kelsey | Longhorn Power | Via Teleconference |
| Pepe, Diego |  | Via Teleconference |
| Pietrucha, Doug | Texas Advanced Energy Business Alliance (TAEBA) | Via Teleconference |
| Pokharel, Nabaraj | Office of Public Utility Council (OPUC) | Via Teleconference |
| Rasmussen, Erin | AEP Service Corporation |  |
| Reed, Cyrus | Sierra Club | Via Teleconference |
| Reedy, Nick | CIM View Consulting | Via Teleconference |
| Rich, Katie | Vistra Operations Company |  |
| Richmond, Michele | Texas Competitive Power Advocates (TCPA) |  |
| Ritch, John | Trafigura | Via Teleconference |
| Rochelle, Jenni | CES | Via Teleconference |
| Safko, Trevor | LCRA | Via Teleconference |
| Scott, Kathy | CNP |  |
| Shaikh, Walid | New Project Media | Via Teleconference |
| Siddiqi, Shams |  | Via Teleconference |
| Slaughter, Jeff |  | Via Teleconference |
| Smith, Caitlin | Jupiter Power | Via Teleconference |
| Stephens, Caleb | OCI Energy | Via Teleconference |
| Stephenson, Zach | Texas Electric Cooperatives (TEC) | Via Teleconference |
| Stice, Clayton |  | Via Teleconference |
| Thomas, Pinky |  | Via Teleconference |
| Townsend, Paul | TCPA | Via Teleconference |
| True, Roy | ACES |  |
| Uy, Manny | Hunt Energy | Via Teleconference |
| Van Winkle, Kim | PUCT | Via Teleconference |
| Velasquez, Ivan | Oncor | Via Teleconference |
| Wagner, Julia | PUCT | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Welch, Matt |  | Via Teleconference |
| White, Kate |  | Via Teleconference |
| Wilson, Joe Dan | GSEC | Via Teleconference |
| Wu, Vanessa Chan |  | Via Teleconference |
| Zang, Hailing | TC Energy | Via Teleconference |
| Zhang, Wanjing |  | Via Teleconference |
| *ERCOT Staff* |  |  |
| Abbott, Kristin |  | Via Teleconference |
| Albracht, Brittney |  | Via Teleconference |
| Anderson, Troy |  |  |
| Arth, Matthew |  | Via Teleconference |
| Azeredo, Chris |  | Via Teleconference |
| Bauld, Mandy |  |  |
| Bhatia, Nisha |  | Via Teleconference |
| Bonser, Drew |  | Via Teleconference |
| Boren, Ann |  | Via Teleconference |
| Callender, Wayne |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Devadhas Mohanadhas, Thinesh |  | Via Teleconference |
| El-Madhoun, Mohamed |  | Via Teleconference |
| Findley, Samantha |  | Via Teleconference |
| Finke, Sidne |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Drake, Gordon |  | Via Teleconference |
| Garcia, Freddy |  | Via Teleconference |
| Gonzales, Nathan |  |  |
| Gross, Katherine |  | Via Teleconference |
| Grovois, Patrick |  | Via Teleconference |
| Gwin, Diane |  | Via Teleconference |
| Hailu, Ted |  | Via Teleconference |
| Hulgeri, Anand |  | Via Teleconference |
| Insall, Jerry |  | Via Teleconference |
| Jessett, Nick |  |  |
| King, Ryan |  |  |
| Loera, Amy |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Mereness, Matt |  | Via Teleconference |
| Morales, Elizabeth |  |  |
| Opheim, Calvin |  |  |
| Patterson, Mark |  | Via Teleconference |
| Phillips, Cory |  |  |
| Rainwater, Kim |  | Via Teleconference |
| Ramthun, Eli |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Sills, Alex |  |  |
| Thatte, Anupam |  | Via Teleconference |
| Troublefield, Jordan |  |  |

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

Diana Coleman called the December 10, 2025 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)

*November 12, 2025*

Ms. Coleman noted there were no objections to including this item in the [Combined Ballot.](#Ballot)

Technical Advisory Committee (TAC) Update

Ms. Coleman reviewed the disposition of items considered at the November 19, 2025 TAC meeting.

Project Update (see Key Documents)

Troy Anderson highlighted the successful go-live of the Real-Time Co-optimization plus Batteries (RTC+B) project, expressed appreciation for the stakeholders who contributed to the multi-year effort, and noted that the project was delivered under budget and a full year ahead of schedule. Mr. Anderson summarized 2025 and 2026 release targets, highlighted topics discussed at the November 20, 2025 Technology Working Group (TWG) meeting, and encouraged participants to attend the December 18, 2025 TWG meeting.

Mr. Anderson shared the ERCOT Project Labor graph previously reviewed at the December 8, 2025 Technology and Security Committee meeting, compared historical labor hours to the increase in 2025 driven by the RTC+B project, and noted that ERCOT expects that resources will free up for other initiatives during the project’s stabilization phase.

Mr. Anderson reviewed the status of the aging Revision Request items and summarized 2026 project planning, including confirmed projects with go-live targets, potential 2026 implementations, and anticipated future go-lives. In response to concerns regarding the Large Load Curtailment project, Nitika Mago outlined ERCOT’s approach for obtaining stakeholder feedback on the design and draft Revision Request. Participants requested that ERCOT consider hosting a workshop prior to development so that stakeholders have an opportunity to respond and understand the pros and cons of various solutions being considered.

Urgency Vote (See Key Documents)

*Nodal Protocol Revision Request (NPRR) 1311, Correction to Real-Time Reliability Deployment Price Adders for Ancillary Services under Load Shed for RTC+B*

Dave Maggio reviewed the request for Urgent status and provided an overview of NPRR1311. Participants reviewed the 11/25/25 Impact Analysis for NPRR1311. Ms. Coleman noted there were no objections to including this item in the [Combined Ballot.](#Ballot)

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

*NPRR1214, Reliability Deployment Price Adder Fix to Provide*

*Locational Price Signals, Reduce Uplift and Risk*

*NPRR1275, Expansion of Qualifying Pipeline Definition for Firm Fuel Supply Service in Phase 3*

PRS took no action on these items.

*NPRR1304, Move OBD to Section 22 – Procedure for Identifying Resource Nodes*

*NPRR1305, Move OBD to Section 23 – Counter-Party Credit Application Form*

Participants reviewed the respective 10/28/25 Impact Analysis for NPRRs 1304 and 1305. Ms. Coleman noted there were no objections to including these items in the [Combined Ballot.](#Ballot)

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR1255, Introduction of Mitigation of ESRs*

*NPRR1272, Voltage Support at Private Use Networks*

*NPRR1278, Establishing Advanced Grid Support Service as an Ancillary Service*

*NPRR1284, Guaranteed Reliability Load Process*

*NPRR1286, Establish Multi-Value Criteria for Resiliency-Related Transmission Project Evaluation*

*NPRR1292, Granular Product Type for CRR TOU*

*NPRR1295, GTC Exit Solutions*

*NPRR1296, Residential Demand Response Program*

*NPRR1301, Align Protocols to Constraint Activation Procedure*

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

PRS took no action on these items.

*NPRR1264, Creation of a New Energy Attribute Certificate Program*

Calvin Opheim provided an update on NPRR1264 activities, including discussion at the December 9, 2025 ERCOT Board of Directors (ERCOT Board) meeting, extensive discussions with stakeholders modifying the initial design, and the request to stakeholders to review the draft changes to NPRR1264 and the draft Request for Proposal for potential administrators of the Energy Attribute Certification (EAC) Program. Mr. Opheim reviewed the timeline for a 2026 Q1 kick-off. Austin Rosel requested feedback from stakeholders by January 5, 2026 via email to [Austin.Rosel@ercot.com](mailto:Austin.Rosel@ercot.com). Participants took no action on this item.

*NPRR1302, Addition of a Market Participant Service Portal within the MIS Certified Area and Revision of Forms*

*NPRR1306, Removal of Digital Certificate References for Market Participants with ERCOT MIS Access*

Ms. Coleman noted the 12/9/25 comments to NPRR1302 and the 12/8/25 ERCOT comments to NPRR1306. Mandy Bauld reviewed the projects associated with these Revision Requests, stated that ERCOT needs additional time to consider revising aspects of delivery and market engagement plans to align the projects for a joint timeline, and encouraged participants to attend TWG meetings for more discussion of the issues. PRS took no action on this item.

Review of Revision Request Language (see Key Documents)

*NPRR1307, Revised Definition of Mitigation Plan*

Freddy Garcia provided an overview of NPRR1307. Katie Rich reviewed the 12/4/25 Vistra comments to NPRR1307. Participants requested NPRR1307 be tabled and referred to the Reliability and Operations Subcommittee (ROS) for further discussions and the related Nodal Operating Guide Revision Request (NOGRR) 281 by the Operations Working Group (OWG), and the Wholesale Market Subcommittee (WMS) for further discussion on the proposed adjustment to the Real-Time On-Line Reliability Deployment Price Adder (RTORDPA) and its impacts. Ms. Coleman noted there were no objections to including this item in the [Combined Ballot.](#Ballot)

*NPRR1308, Board Priority - Related to NOGRR282, Large Electronic Load Ride-Through Requirements – URGENT*

Patrick Grovois provided an overview of NPRR1308 and NOGRR282; highlighted their designations as Board Priority; and outlined the anticipated timeline and stakeholder engagement plan for discussions at TAC, ROS, including the Dynamics Working Group (DWG) and System Protection Working Group (SPWG), and the Large Load Working Group (LLWG). Participants requested review of the issues by ROS. Ms. Coleman noted there were no objections to including this item in the [Combined Ballot.](#Ballot)

*NPRR1309, Board Priority - Dispatchable Reliability Reserve Service Ancillary Service – URGENT*

*NPRR1310, Dispatchable Reliability Reserve Service Plus Energy Storage Resource Participation and Release Factor*

Ryan King provided an overview of NPRRs 1309 and 1310, noted prior stakeholder engagement through five workshops and discussions at TAC, WMS and the Wholesale Market Working Group (WMWG), and emphasized the distinguishing features of each Revision Request. Harika Basaran noted that the Public Utility Commission of Texas (PUCT) Staff anticipates developing a roadmap to include milestones and policy issues in Project No. 58777, *Triennial Reliability Assessment for the ERCOT Region under §25.508*, and encouraged participants to attend the December 18, 2025, PUCT Open Meeting to monitor how Dispatchable Reliability Reserve Service (DRRS) and the release factor may need to align with that standard.

Caitlin Smith offered to work with WMS leadership to facilitate TAC workshops to maintain an elevated status as these Revision Requests proceed through the stakeholder process and requested they be tabled at PRS and not referred. Michele Richmond reviewed the 12/3/25 TCPA comments to NPRR1310. Some participants expressed concern with granting NPRR1310 Urgent status due to the complexities of the concepts introduced. In response to participants concerns on Board Priority and Urgent status, Cory Phillips reviewed the Revision Request process for each designation. Matt Arth noted that the Board Priority designation for NPRR1309 was intended to be responsive to the legislative request as expeditiously as possible and out of acknowledgement that significant discussion with stakeholders of the design of DRRS as an Ancillary Service has previously taken place. Mr. Arth also noted that ERCOT Staff anticipated more stakeholder discussion on the release factor in NPRR1310 as it was only conceptual in nature.

**Ms. Rich moved to grant NPRR1310 Urgent status. Andy Ngyuen seconded the motion. The motion carried with five objections from the Consumer (3) (Occidental, Residential, City of Eastland), Independent Generator (Jupiter Power), and Independent Retail Electric Provider (IREP) (Just Energy) Market Segment.** *(Please see ballot posted with Key Documents.)*

Participants expressed support to table NPRRs 1309 and 1310. Ms. Coleman noted there were no objections to including these items in the [Combined Ballot.](#Ballot)

Notice of Withdrawal (See Key Documents)

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

Ms. Coleman noted the withdrawal of NPRR1235.

Other Business (See Key Documents)

*Incorporation of Other Binding Documents (OBDs) into Protocols/Guides*

Brittney Albracht shared an update on efforts to standardize the approval process for language in the Other Binding Document List and outlined recently approved Revision Requests along with the anticipated timeline for approval. Ms. Albracht noted that internal discussions on the permanence of OBD items, including those not approved through the NPRR process or deemed unsuitable, are ongoing.

Combined Ballot

**Kevin Hanson moved to approve the Combined Ballot as follows:**

* **To approve the November 12, 2025 PRS meeting minutes as presented**
* **To grant NPRR1311 Urgent status; to recommend approval of NPRR1311 as submitted; and to forward to TAC NPRR1311 and the 11/25/25 Impact Analysis**
* **To endorse and forward to TAC the 11/12/25 PRS Report and 10/28/25 Impact Analysis for NPRR1304**
* **To endorse and forward to TAC the 11/12/25 PRS Report and 10/28/25 Impact Analysis for NPRR1305**
* **To table NPRR1307 and refer the issue to ROS and WMS**
* **To table NPRR1308 and refer the issue to ROS**
* **To table NPRR1309**
* **To table NPRR1310**

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

Adjournment

Ms. Coleman adjourned the December 10, 2025 PRS meeting at 11:37 a.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)