**APPROVED**

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

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

**Wednesday, June 11, 2025** **– 9:30 a.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) | Via Teleconference |
| Bevill, Rob | Texas-New Mexico Power (TNMP) |  |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) |  |
| Coleman, Diana | CPS Energy |  |
| Goff, Eric | Residential Consumer | Via Teleconference |
| Hanson, Kevin | Invenergy |  |
| Lee, Jim | CenterPoint Energy (CNP) |  |
| Thomas, Shane | Shell Energy North America (SENA) | Via Teleconference |
| Trevino, Melissa | Occidental Chemical (Occidental) | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Xie, Fei | Austin Energy | Via Teleconference |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Anderson, Kevin | Customized Energy Solutions (CES) | Via Teleconference |
| Ashley, Kristy | CES | Via Teleconference |
| Barkley, Benjamin |  | Via Teleconference |
| Batra-Shrader, Monica |  | Via Teleconference |
| Bennet, Stacie | LS Power | Via Teleconference |
| Berg, Justin | EQ | Via Teleconference |
| Bonskowski, Ned | Vistra Operations Company |  |
| Bracy, Phil | Texas Reliability (TRE), Inc. | Via Teleconference |
| Brasel, Kade | CPS Energy | Via Teleconference |
| Brown, Chris | Public Utility Commission of Texas (PUCT) |  |
| Bulzak, Jacob | PUCT | Via Teleconference |
| Cardiel, Jonathan | PUCT | Via Teleconference |
| Chan Wu, Vanessa | Total Energies | Via Teleconference |
| Cockrell, Justin | DC Energy | Via Teleconference |
| Cripe, Ramsey | SEnergy | Via Teleconference |
| Donohoo, Ken | OwlERC, LLC | Via Teleconference |
| Dreyfus, Mark | City of Eastland |  |
| Duensing, Allison |  | Via Teleconference |
| Gauldin, Julie | PUCT | Via Teleconference |
| Greer, Clayton | Cholla Petroleum | Via Teleconference |
| Haley, Ian | Morgan Stanley | Via Teleconference |
| Helton, Bob | Engie North America (Engie) | Via Teleconference |
| Henson, Martha | Oncor Electric Delivery (Oncor) | Via Teleconference |
| Holt, Blake | LCRA |  |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) |  |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Jewell, Michael | Jewell and Associates | Via Teleconference |
| Jones, Monica | CNP | Via Teleconference |
| Keefer, Andrew | DME | Via Teleconference |
| Lasher, Warren |  | Via Teleconference |
| Levine, Jon |  | Via Teleconference |
| Lotter, Eric | GridMonitor | Via Teleconference |
| Macaraeg, Tad | Stem | Via Teleconference |
| McAdams, Tiffany | SEnergy | Via Teleconference |
| McClellan, Suzi | Good Company Associates | Via Teleconference |
| McDonald, Jeff | Potomac Economics | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Miller, Alex | EDF Power Solutions | Via Teleconference |
| Montoya, Inigo |  | Via Teleconference |
| Neville, Zach | CES | Via Teleconference |
| Nicholson, Tyler | PUCT | Via Teleconference |
| Orr, Robert | Lone Star Transmission | Via Teleconference |
| Pilot, Henry | Energy Exemplar | Via Teleconference |
| Pokharel, Nabaraj | Office of Public Utility Counsel (OPUC) | Via Teleconference |
| Pueblos, Jameel | Oxy |  |
| Pyka, Greg | SEnergy | Via Teleconference |
| Rasmussen, Erin | AEP |  |
| Reed, Ronald | CNP | Via Teleconference |
| Reedy, Nick | CimView | Via Teleconference |
| Rich, Katie | Vistra Operations Company |  |
| Richmond, Michele | Texas Competitive Power Advocates (TCPA) |  |
| Rico, Guillermo | CPS Energy |  |
| Rochelle, Jenni | CES | Via Teleconference |
| Safko, Trevor | LCRA |  |
| Sams, Bryan | Calpine Corporation (Calpine) | Via Teleconference |
| Scott, Kathy | CNP |  |
| Siddiqi, Shams | Rainbow Energy Marketing Corporation | Via Teleconference |
| Smith, Eli | Just Energy | Via Teleconference |
| Stephenson, Zach | Texas Electric Cooperatives (TEC) | Via Teleconference |
| Snyder, Bill | AEP Texas | Via Teleconference |
| Teng, Shuye | Constellation | Via Teleconference |
| Thatte, Anupam |  | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Wagner, Julie | PUCT | Via Teleconference |
| Wallin, Shane | DME | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Wasik-Gutierrez, Erin | LCRA | Via Teleconference |
| Watson, Markham |  | Via Teleconference |
| Welch, Matt |  | Via Teleconference |
| Willard, Daniel | Austin Energy | Via Teleconference |
| Wilson, Joe Dan | GSEC | Via Teleconference |
| Withrow, David | AEPSC |  |
| Wittmeyer, Bob | Longhorn Power | Via Teleconference |
| Wittmeyer, Robert | Cholla Inc | Via Teleconference |
| Zang, Hailing | TC Energy | Via Teleconference |
| Zang, Bryan |  | Via Teleconference |
| *ERCOT Staff* |  |  |
| Abbott, Kristin |  | Via Teleconference |
| Albracht, Brittney |  | Via Teleconference |
| Anderson, Troy |  |  |
| Arth, Matt |  | Via Teleconference |
| Azeredo, Chris |  | Via Teleconference |
| Billo, Jeff |  | Via Teleconference |
| Boren, Ann |  |  |
| Callender, Wayne |  | Via Teleconference |
| Collins, Keith |  |  |
| Dashnyam, Sanchir |  | Via Teleconference |
| El-Madhoun, Mohamed |  | Via Teleconference |
| Findley, Samantha |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Garcia, Freddy |  | Via Teleconference |
| Gnanam, Prabhu |  | Via Teleconference |
| Golen, Robert |  | Via Teleconference |
| Gonzales, Nathan |  |  |
| Gonzalez, Ino |  | Via Teleconference |
| Gross, Katherine |  | Via Teleconference |
| Huang, Fred |  | Via Teleconference |
| King, Ryan |  | Via Teleconference |
| Magarinos, Marcelo |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Miller, Megan |  | Via Teleconference |
| Moreno, Alfredo |  | Via Teleconference |
| Petro, Nick |  | Via Teleconference |
| Phillips, Cory |  |  |
| Rosel, Austin |  | Via Teleconference |
| Schmidt, Matthew |  | Via Teleconference |
| Shanks, Magie |  | Via Teleconference |
| Sheets, Jarod |  | Via Teleconference |
| Sills, Alex |  | Via Teleconference |
| Springer, Agee |  | Via Teleconference |
| Troublefield, Jordan |  | Via Teleconference |
| Zhang, Chunliang |  | Via Teleconference |
| Zhengguo, Chu |  | Via Teleconference |

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

Diana Coleman called the June 11, 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

*May 14, 2025*

This item was deferred to the July 16, 2025 PRS meeting.

Technical Advisory Committee (TAC) Update

Ms. Coleman reviewed the disposition of items considered at the May 28, 2025 TAC meeting and noted that Nodal Protocol Revision Request (NPRR) 1238 and the related Nodal Operating Guide Revision Request (NOGRR) 265 would be considered at the June 12, 2025 Special TAC meeting.

Project Update (see Key Documents)[[1]](#footnote-2)

*Post* *Real-Time Co-optimization plus Batteries (RTC+B)Revision Request Review/Prioritization*

Troy Anderson provided project highlights, summarized 2025 release targets, reviewed the major projects

timeline, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson summarized topics discussed at the May 29, 2025 Technology Working Group (TWG) meeting and encouraged participants to attend the June 26, 2025 TWG meeting.

Mr. Anderson reminded participants of the discussion at the May 14, 2025 PRS meeting regarding the need to reprioritize pending Revision Requests projects after the RTC+B project is implemented and in consideration of legislative priorities. Mr. Anderson summarized the process for categorization of the Revision Requests projects, presented the itemized list, and potential timeline for review of the issues. Keith Collins noted the PRS coordination with TAC for an August 2025 Initiative Prioritization Workshop.

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.

*NPRR1277, Revisions to EAL Formula*

Participants reviewed the 3/18/25 Impact Analysis and Justification of Reason for Revision and Market Impacts and discussed an appropriate priority and rank for NPRR1277. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1281, Improvements to Alternate FFSS Resource Designation*

Participants reviewed the 6/3/25 Impact Analysis and discussed the appropriate priority and rank for NPRR1281. Cory Phillips presented desktop edits to align Section 8.1.1.2.1.6, Firm Fuel Supply Service Resource Qualification, Testing, Decertification, and Recertification, with Section 3.14.5, Firm Fuel Supply Service. 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*

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

*NPRR1255, Introduction of Mitigation of ESRs*

*NPRR1263, Remove Accuracy Testing Requirements for CCVTs*

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

*NPRR1265, Unregistered Distributed Generator*

*NPRR1266, Opt-Out Status Held by a Transmission-Voltage Customer Cannot be Transferred*

*NPRR1272, Voltage Support at Private Use Networks*

*NPRR1274, RPG Estimated Capital Cost Thresholds of Proposed Transmission Projects*

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

*NPRR1279, Reinstate Enhancements to the Exceptional Fuel Cost Process*

*NPRR1280, Establish Process for Permanent Bypass of Series Capacitor*

*NPRR1283, Modification of SSR Mitigation Timeline*

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

*SCR831, Short Circuit Model Integration*

PRS took no action on these items.

Review of Revision Request Language (see Key Documents)

*NPRR1284, Guaranteed Reliability Load Process*

Clayton Greer provided an overview of NPRR1284. Participants requested further review of the issues by the Reliability and Operations Subcommittee (ROS) and Wholesale Market Subcommittee (WMS). Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1285, Improve Self-Commitment within RUC Opt Out Window*

Michele Richmond provided an overview of NPRR1285. Participants and Jeff McDonald, Independent Market Monitor (IMM) Staff requested further review at WMS. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

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

Ping Yan provided an overview of NPRR1286. Participants discussed purposes of resiliency analysis design. Some participants cautioned against defining resiliency so precisely that it causes restriction. Participants requested further review of the issues by ROS. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1287, Revisions to Outage Coordination*

Fred Huang provided an overview of NPRR1287. Bill Barnes highlighted related discussion on the issues at the May 5, 2025 Wholesale Market Working Group (WMWG) meeting. Trevor Safko noted that LCRA did submit clarifications, which are currently pending, to expand ERCOT’s discretion to approve Planned Outages, in paragraph (8) of Section 3.1.6, Outages of Resources Other than Reliability Resources. Participants requested further review of the issues by ROS and WMS. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1288, Remove Multiple Month Transactions in CRR Auctions*

Samantha Findley provided an overview of NPRR1288. Participants acknowledged the extensive discussions on NPRR1288 at previous Congestion Management Working Group (CMWG) meetings. Mr. McDonald mentioned that the IMM supports the concepts in NPRR1288 to address an execution issue. Eric Goff recused himself from participating in the vote on NPRR1238 because he had represented a client at a previous CMWG meeting.

**Kevin Hanson moved to recommend approval of NPRR1288 as submitted. Mr. Barnes seconded the motion.** **The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

*NPRR1289, Option Price Report and Establish 1 MW Bid Minimum*

Ms. Findley provided an overview of NPRR1289. In response to participant questions and concerns, Matt Mereness highlighted the cost/benefit analysis, timeline and impacts of NPRR1289. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Notice of Withdrawal

*NPRR1202, Refundable Deposits for Large Load Interconnection Studies*

Ms. Coleman noted the withdrawal of NPRR1202.

Other Business

*Biennial TAC/TAC Subcommittee Structural and Procedural Review*

Ms. Coleman mentioned that TAC leadership has requested Subcommittee self-assessments be completed by July 2, 2025. Ms. Coleman stated that these assessments will be discussed during the August 2025 Biennial TAC/TAC Subcommittee Structural and Procedural Review and noted that PRS changes were not anticipated.

Nitika Mago reviewed concepts for an SCR that will enable ERCOT to undo a report implemented by SCR797, Provide Current Operating Plan (COP) to TSPs. Ms. Mago noted that ERCOT plans to request PRS consideration for this SCR at the July 16, 2025 PRS meeting, the report is rarely accessed by stakeholders, and ERCOT is requesting the report be discontinued before the RTC+B project go-live.

Combined Ballot

**John Varnell moved to approve the Combined Ballot as follows:**

* **To endorse and forward to TAC the 5/14/25 PRS Report and 3/18/25 Impact Analysis for NPRR1277 with a recommended priority of 2025 and rank of 4570**
* **To endorse and forward to TAC the 5/14/25 PRS Report as revised by PRS and 6/3/25 Impact Analysis for NPRR1281 with a recommended priority of 2026 and rank of 4780**
* **To table NPRR1284 and refer the issue to ROS and WMS**
* **To table NPRR1285 and refer the issue to WMS**
* **To table NPRR1286 and refer the issue to ROS**
* **To table NPRR1287 and refer the issue to ROS and WMS**
* **To recommend approval of NPRR1289 as submitted**

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

Adjournment

Ms. Coleman adjourned the June 11, 2025 PRS meeting at 11:04 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/06112025-PRS-Meeting> unless otherwise noted. [↑](#footnote-ref-2)