**APPROVED**

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

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

**Wednesday, July 16, 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) |  |
| Darden, Austin | Just Energy | Via Teleconference |
| DeLeon, Amanda | Tenaska Power Services (Tenaska) | Alt. Rep. for John Varnell Via Teleconference |
| Goff, Eric | Residential Consumer  |  |
| Hanson, Kevin | Invenergy |  |
| Kee, David | CPS Energy | Alt. Rep. for Diana Coleman |
| Lee, Jim | CenterPoint Energy (CNP) |   |
| Nguyen, Andy | Constellation Energy Generation (Constellation) |  |
| 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 |
| Xie, Fei | Austin Energy | Via Teleconference |
|  |  |  |
| *Guests:* |  |  |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions (CES) | Via Teleconference |
| Barkley, Benjamin |  | Via Teleconference |
| Bennet, Stacie | LS Power | Via Teleconference |
| Bertin, Suzanne |  | Via Teleconference |
| Bojorquez, Bill |  | Via Teleconference |
| Bulzak, Jacob | Public Utility Commission of Texas (PUCT) | Via Teleconference |
| Chan Wu, Vanessa | Total Energies | Via Teleconference |
| Cockrell, Justin | DC Energy | Via Teleconference |
| Cotton, Ashley | Greenville Electric Utility System (GEUS)  | Via Teleconference |
| Cripe, Ramsey | SEnergy | Via Teleconference |
| Dollar, Zachary | PUCT | Via Teleconference |
| Donohoo, Ken | OwlERC, LLC | Via Teleconference |
| Garces, Eloisse |  | Via Teleconference |
| Goff, Eric | Representing Clients on NPRR1288; NPRR1264 Texas Energy Buyers Alliance (TEBA) |  |
| Haley, Ian | Morgan Stanley |  |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Holt, Blake | LCRA |  |
| Huang, Mandy | Grid Beyond | Via Teleconference |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) |  |
| Jones, Joymesha | CNP | Via Teleconference |
| Keefer, Andrew | DME | Via Teleconference |
| Kirby, Brandon |  |  |
| Kramek, Mike | BETM | Via Teleconference |
| Lotter, Eric | GridMonitor | Via Teleconference |
| Lu, Bo | Engie | Via Teleconference |
| Macaraeg, Tad | Stem | Via Teleconference |
| Macias, Jesse | AEP Texas | Via Teleconference |
| McDonald, Jeff | Potomac Economics  | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Montoya, Inigo |  | Via Teleconference |
| Morris, Sandy | CIM View Consulting | Via Teleconference |
| Parekh, Vaibhav | New Project Media | Via Teleconference |
| Pearson, Kelsey |  | Via Teleconference |
| Pepe, Diego |  | Via Teleconference |
| Pokharel, Nabaraj | Office of Public Utility Counsel (OPUC) | Via Teleconference |
| Reedy, Nick | CIM View Consulting | Via Teleconference |
| Reedy, Steve | CIM View Consulting | Via Teleconference |
| Safko, Trevor | LCRA |  |
| Sams, Bryan | Calpine Corporation (Calpine) | Via Teleconference |
| Scott, Kathy | CNP |  |
| Sersen, Juliana | Baker Botts | Via Teleconference |
| Siddiqi, Shams | Rainbow Energy Marketing Corporation | Via Teleconference |
| Smith, Caitlin  | Jupiter Power | Via Teleconference |
| Stice, Clayton |  | Via Teleconference |
| Snyder, Bill | AEP Texas | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Tse, Felix |  | Via Teleconference |
| Walker, Floyd | PUCT  | Via Teleconference |
| Wasik-Gutierrez, Erin | LCRA | Via Teleconference |
| Watson, Markham |  | Via Teleconference |
| Willman, Sarah |  | Via Teleconference |
| Wittmeyer, Bob | Longhorn Power | Via Teleconference |
| Zang, Bryan |  | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  | Via Teleconference |
| Anderson, Troy |  |   |
| Arth, Matt |  | Via Teleconference |
| Azeredo, Chris |  | Via Teleconference |
| Billo, Jeff |  | Via Teleconference |
| Blevins, Bill |  | Via Teleconference |
| Callender, Wayne |  | Via Teleconference |
| Chu, Zhengguo |  | Via Teleconference |
| Collins, Keith |  |  |
| Devadhas Mohanadhas, Thinesh |  | Via Teleconference |
| Drake, Gordon |  | Via Teleconference |
| Findley, Samantha |  | Via Teleconference |
| Finke, Sidne |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Gnanam, Prabhu |  | Via Teleconference |
| Gonzalez, Ino |  | Via Teleconference |
| Lee, Alex |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Mereness, Matt |  |  |
| Michelsen, David |  |  |
| Miller, Megan |  | Via Teleconference |
| Morales, Mia |  | Via Teleconference |
| Opheim, Calvin |  | Via Teleconference |
| Patterson, Mark |  | Via Teleconference |
| Phillips, Cory |  |   |
| Rainwater, Kim |  | Via Teleconference |
| Raish, Carl |  | Via Teleconference |
| Rosel, Austin |  |  |
| Schmidt, Matthew |  | Via Teleconference |
| Shanks, Magie |  | Via Teleconference |
| Sills, Alex |  | Via Teleconference |
| Thatte, Anupam |  | Via Teleconference |
| Troublefield, Jordan |  |  |

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

Andy Nguyen called the July 16, 2025 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

Mr. Nguyen directed attention to the Antitrust Admonition, which was displayed.

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

*May 14, 2025*

*June 11, 2025*

Mr. Nguyen noted these items could be considered for inclusion in the [Combined Ballot.](#Ballot)

Technical Advisory Committee (TAC) Update

Mr. Ngyen reviewed the disposition of items considered at the June 12, 2025 Special TAC meeting.

Project Update (see Key Documents)

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 June 26, 2025 Technology Working Group (TWG) meeting and encouraged participants to attend the July 31, 2025 TWG meeting.

Mr. Anderson reminded participants of the discussion at the May 14 and June 11, 2025 PRS meetings regarding the need to reprioritize pending Revision Requests projects after the Real-Time Co-optimization plus Batteries (RTC+B) project is implemented and in consideration of legislative priorities. Mr. Anderson summarized the process for categorization of the Revision Requests projects and presented the updated Aging Revision Request Project itemized list for stakeholder review in advance of the workshop.

*Initiative Ranking Workshop*

Keith Collins announced the August 12, 2025 Initiative Prioritization Workshop led by Amanda Frazier. Mr. Collins reviewed the objectives and requested stakeholders inform ERCOT of any pre-NPRR initiatives under discussion and provide a short description of the concept in writing to Troy Anderson (troy.anderson@ercot.com) by August 4, 2025. Mr. Collins stated ERCOT will complete an assessment of these items and pending Revision Requests prior to the workshop, reviewed the tier categorization process, and responded to participant questions and concerns.

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

*Nodal Protocol Revision Request (NPRR) 1214, 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.

*NPRR1288, Remove Multiple Month Transactions in CRR Auctions*

Eric Goff noted his representation of other clients on NPRR1288 as it proceeds through the Stakeholder process. Participants reviewed the 5/27/25 Impact Analysis and Justification of Reason for Revision and Market Impacts, and discussed an appropriate priority and rank for NPRR1288.

**Kevin Hanson moved to endorse and forward to TAC the 6/11/25 PRS Report and 5/27/25 Impact Analysis for NPRR1288 with a recommended priority of 2026 and rank of 4790. Blake Holt seconded the motion. The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

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

Participants reviewed the 5/27/25 Impact Analysis and Justification of Reason for Revision and Market Impacts, and discussed an appropriate priority and rank for NPRR1289. Mr. Nguyen 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*

*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*

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

*NPRR1284, Guaranteed Reliability Load Process*

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

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

*NPRR1287, Revisions to Outage Coordination*

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

*SCR831, Short Circuit Model Integration*

PRS took no action on these items.

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

Mr. Goff noted his representation of the Texas Energy Buyers Alliance (TEBA) and reviewed the 7/14/25 TEBA comments. Austin Rosel reviewed the 7/15/25 ERCOT comments and requested NPRR1264 remain tabled while ERCOT explored the alternative option for an Energy Attribute Certificate (EAC) Program. PRS took no action on this item.

*NPRR1265, Unregistered Distributed Generator*

Participants noted the Reliability and Operations (ROS) endorsement of the 5/29/25 ERCOT comments to NPRR1265. Ramsey Cripe reviewed the 7/24/25 Joint Commentor comments to NPRR1265. ERCOT Staff expressed general support for the Joint Commenters’ approach, but presented desktop edits in an attempt to reach a compromise, noting subsequent Revision Requests would likely address greater than one megawatt (MW) generators. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

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

Participants noted the Retail Market Subcommittee (RMS) endorsement of the 5/5/25 ERCOT comments to NPRR1266. Participants discussed whether the effective date should be extended to allow Market Participants time for development and testing, and determined to take up the issue at consideration of the Impact Analysis to NPRR1266. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

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

Participants noted that the Wholesale Market Subcommittee (WMS) endorsement included a sunset date of April 1, 2027, and discussed recommending the sunset date when the Impact Analysis for NPRR1279 is considered. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1283, Modification of SSR Mitigation Timeline*

Participants noted the ROS endorsement included a sunset date of January 1, 2026, and discussed recommending the sunset date when the Impact Analysis for NPRR1283 is considered. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1290, Gap Resolutions and Clarifications for the Implementation of RTC+B*

Dave Maggio provided an overview of NPRR1290 and expressed support for the phased approach proposed within the 7/2/25 HEN comments. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*NPRR1291, Modify Annual Demand Response Report Posting Date and Include Language to Address PUCT SUBST. R. 25.186*

Carl Raish provided an overview of NPRR1291 and the 6/11/25 ERCOT comments. Cory Phillips offered administrative clarifications to NPRR1291. Participants reviewed the RMS endorsement of the 6/11/25 ERCOT comments to NPRR1291. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

*SCR832, Discontinue Report that makes COPs available to TSPs*

Nitika Mago reminded participants of SCR832 concepts described at the June 11, 2025 PRS meeting and

provided an overview of SCR832. Mr. Nguyen noted this item could be considered for inclusion in the [Combined Ballot.](#Ballot)

Other Business

*Update: Biennial TAC/TAC Subcommittee Structural and Procedural Review*

Mr. Nguyen presented the PRS self-assessment requested by TAC leadership and encouraged participants to attend the August 12, 2025 Biennial TAC/TAC Subcommittee Structural and Procedural Review.

Combined Ballot

**David Kee moved to approve the Combined Ballot as follows:**

* **To approve the May 14, 2025 and June 11, 2025 PRS meeting minutes as presented**
* **To endorse and forward to TAC the 6/11/25 PRS Report and 5/27/25 Impact Analysis for NPRR1289 with a recommended priority of 2027 and rank of 4900**
* **To recommend approval of NPRR1265 as amended by the 7/14/25 Joint Commenters comments as revised by PRS**
* **To recommend approval of NPRR1266 as amended by the 5/5/25 ERCOT comments**
* **To recommend approval of NPRR1279 as submitted**
* **To recommend approval of NPRR1283 as submitted**
* **To recommend approval of NPRR1290 as amended by the 7/2/25 HEN comments**
* **To recommend approval of NPRR1291 as amended by the 6/11/25 ERCOT comments as revised by PRS**
* **To recommend approval of SCR832 as submitted**

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

Adjournment

Mr. Nguyen adjourned the July 17, 2025 PRS meeting at 10:47 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/07162025-PRS-Meeting> unless otherwise noted. [↑](#footnote-ref-2)