**DRAFT**

**Minutes of the Protocol Revision Subcommittee (PRS) Meeting – Webex Only**

**Friday, April 5, 2024 – 9:30 a.m.**

Attendance

*PRS Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Blakey, Eric  | Pedernales Electric Cooperative |  |
| Coleman, Diana | CPS Energy |  |
| Goff, Eric | Residential Consumer  |  |
| Hanson, Kevin | National Grid Renewables (NGR) |  |
| Lee, Jim | CenterPoint Energy (CNP) |  |
| Mindham, David | EDP Renewables  |  |
| Pfefferle, Ryan | Occidental Chemical (Occidental) |  |
| Pokharel, Nabaraj | Residential Consumer | Alt. Rep. for Eric Goff for NPRR1188 only  |
| Turner, Lucas | South Texas Electric Cooperative (STEC) |  |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Velasquez, Ivan | Oncor Electric Delivery  | Alt. Rep. for Martha Henson |
| Winn, Aaron | Chariot Energy |  |
| Xie, Fei | Austin Energy |  |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors |  |
| Amirazodi, Roozbeh | Got Rhythm |  |
| Anderson, Connor | AB Power Advisors |  |
| Anderson, Kevin | Customized Energy Solutions (CES) |  |
| Ashley, Kristy | CES |  |
| Balance, Lysette | CNP |  |
| Barati, Camron | Potomac Economics |  |
| Benson, Maria | Texas Public Power Association (TPPA) |  |
| Berry, DJ | LCRA |  |
| Bertin, Suzanne |  |  |
| Bivens, Carrie | NextEra  |  |
| Bonskowski, Ned | Luminant Generation |  |
| Breiten, David | CPS Energy |  |
| Bunch, Kevin | EDF Trading |  |
| Burke, Tom | RWE Renewables |  |
| Calderon, Ruth | GSEC |  |
| Callahan, Hunter | BOFA |  |
| Callender, Hudson | CPS Energy |  |
| Cochran, Seth | Vitol |  |
| Cook, Dave |  |  |
| Cortez, Sarai | Trailstone |  |
| Cotton, Ashley | GEUS |  |
| Daigneault, Ralph | Potomac Economics |  |
| Davis, Julie | Office of Public Utility Counsel (OPUC) |  |
| Dharme, Neeraja | EDFT |  |
| Dreyfus, Mark | City of Eastland |  |
| Duensing, Allison | Sarac Energy |  |
| Ewing, Lee | CPower Energy |  |
| Fleming, Jacqueline | Talen Energy |  |
| Gaytan, Jose | DME |  |
| Ghoshal, Orijit | esVolta  |  |
| Gillman, Portia | Yes Energy |  |
| Golder, Drew |  |  |
| Goff, Eric | Lancium LLC | NPRR1188 Only  |
| Grutter, Aaron | Calpine |  |
| Haley, Ian | Morgan Stanley |  |
| Headrick, Bridget | CES |  |
| Helton, Bob | ENGIE North America |  |
| Hjaltman, Courtney | Public Utility Commission of Texas (PUCT) |  |
| Hohenshilt, Jennifer | Talen Energy |  |
| Holt, Blake | Lower Colorado River Authority (LCRA) |  |
| Horstmyer, Reid | Altop Energy |  |
| Hubbard, John Russ | Texas Industrial Energy Consumers (TIEC) |  |
| Huynh, Thuy | Potomac Economics |  |
| Inal, Ozgur | DRW  |  |
| Ingraham, Deborah | Acciona |  |
| Inman, Grant | BP |  |
| Jha, Monica | Vistra |  |
| Johnson, John | EDF Trading |  |
| Keefer, Andrew | City of Denton |  |
| Keller, Jenna | Potomac Economics |  |
| Kirby, Brandon | GEUS |  |
| Kilroy, Taylor | TPPA |  |
| Kimbrough, Todd |  |  |
| Koz, Brian | Wolframium |  |
| Lin, Blake |  |  |
| Lotter, Eric | Grid Monitor |  |
| Macaraeg, Tad | Stem |  |
| Malone, Brad | Eolian Energy |  |
| McClellan, Suzi | Good Company Associates |  |
| McDaniel-Wyman, Constance | AEP  |  |
| McDonald, Jeff | Potomac Economics |  |
| McElreath, Alex | Calpine |  |
| Miller, Alexandra | EDF Renewables |  |
| Navarro, Jesus | Luminant |  |
| Nicholson, Tyler | PUCT |  |
| Pearson, Kelsey | Longhorn Power |  |
| Pietrucha, Doug | AEE |  |
| Poonawala, Adnan | ENGIE |  |
| Pyka, Greg | SENERGY  |  |
| Rich, Katie | Vistra |  |
| Richmond, Michele | Texas Competitive Power Advocates (TCPA) |  |
| Ritch, John |   |  |
| Sams, Bryan | Calpine Corporation |  |
| Schmitt, Jennifer | Rhythm Ops |  |
| Scott, Kathy | CNP |  |
| Sersen, Juliana | Baker Botts |  |
| Smith, Caitlin | Jupiter Power |  |
| Stice, Clayton |  |  |
| Townsend, Paul | TCPA |  |
| True, Roy | ACES |  |
| Velasquez, Ivan | Oncor |  |
| Vila, Mirin |  |  |
| Wagner, Julie | PUCT |  |
| Walker, Mark |  |  |
| Williams, Wes | Bryan Texas Utilities |  |
| Withrow, David | AEP |  |
| Wittmeyer, Bob | Longhorn Power  |  |
| Zang, Hailing | TC Energy |  |
| Zhang, Bryan | Potomac Economics |  |
| Zhang, Mandy | GEUS |  |
| *ERCOT Staff* |  |  |
| Abbott, Kristin |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Arth, Matt |  |  |
| Azeredo, Chris |  |  |
| Bigbee, Nathan |  |  |
| Billo, Jeff |  |  |
| Boren, Ann |  |  |
| Castillo, Leo |  |  |
| Clifton, Suzy |  |  |
| Devadhas Mohanadha, Thinesh |  |  |
| Dinopol, Ohlen |  |  |
| Drake, Gordon |  |  |
| El-Madhoun, Mohamed |  |  |
| Fohn, Doug |  |  |
| Garcia, Freddy |  |  |
| Gross, Katherine |  |  |
| Hanson, Pamela |  |  |
| Heinrich, Holly |  |  |
| Herrera, Shane |  |  |
| Holden, Curry |  |  |
| Huang, Fred |  |  |
| Lee, Alex |  |  |
| Levine, Jonathan |  |  |
| Hinojosa, Luis |  |  |
| King, Ryan |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  |  |
| Matlock, Robert |  |  |
| Miller, Megan |  |  |
| Moore, Ava |  |  |
| Moorty, Sai |  |  |
| Opheim, Calvin |  |  |
| Pedigo, Jake |  |  |
| Phillips, Cory |  |  |
| Rainwater, Kim |  |  |
| Roberts, Randy |  |  |
| Rosel, Austin |  |  |
| Sanchez, Daniel |  |  |
| Schmidt, Matthew |  |  |
| Shanks, Magie |  |  |
| Solis, Stephen |  |  |
| Springer, Agee |  |  |
| Warnken, Pete |  |  |
| Wasik-Gutierrez, Erin |  |  |
| Zhengguo, Chu |  |  |

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

Diana Coleman called the April 5, 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)

*March 20, 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 March 27, 2024 TAC meeting.

2024 PRS Goals (see Key Documents)

Market Participants reviewed the 2024 PRS Goals. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized 2024 release targets, noted major projects, and

reviewed the additional project status information items. Mr. Anderson highlighted topics discussed at the March 28, 2024 Technology Working Group (TWG) meeting.

*Review of Aging Projects*

This item was deferred to the May 9, 2024 PRS meeting.

Urgency Vote (Vote) (see Key Documents

*Nodal Protocol Revision Request (NPRR) 1224, ECRS Manual Deployment Triggers*

Nitika Mago reviewed the request for Urgent status to target a Summer 2024 implementation timeframe for NPRR1224.

**Bill Barnes moved to grant NPRR1224 Urgent status. Ivan Velasquez seconded the motion. The motion carried with two objections from the Cooperative (LCRA) and Independent Generator (Calpine) Market Segments and two abstentions from the Independent Power Marketer (IPM) (Tenaska, Morgan Stanley) Market Segment.** *(Please see ballot posted with Key Documents.)*

Ms. Mago provided an overview of NPRR1224 and discussion at the March 19, 2024 Ancillary Services Methodology - Review on the ERCOT Contingency Reserve Service (ECRS) Minimum Quantity Determination and Deployment Workshop. Eric Goff reviewed the 4/4/24 Joint Consumers comments. Market Participants discussed the issues and requested additional analysis from the Independent Market Monitor (IMM) and ERCOT Staff prior to moving NPRR1224 forward.

**Mr. Goff moved to table NPRR1224. Mr. Barnes seconded the motion. The motion carried with three abstentions from the Cooperative (PEC), Independent Generator (Jupiter Power), and Investor-Owned Utility (IOU) (Oncor) Market Segments.** *(Please see ballot posted with Key Documents.)*

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

*NPRR1212, Clarification of Distribution Service Provider’s Obligation to Provide an ESI ID*

Market Participants reviewed the 4/3/24 RMS comments and 11/22/23 Impact Analysis for NPRR1212.

**Mr. Goff moved to endorse and forward to TAC the 3/20/24 PRS Report and 11/22/23 Impact Analysis for NPRR1212. Mr. Velasquez seconded the motion. The motion carried with three abstentions from the Cooperative (STEC), Independent Generator (ENGIE), and IPM (Tenaska) Market Segments.** *(Please see ballot posted with Key Documents.)*

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1162, Single Agent Designation for a QSE and its Sub-QSEs for Voice Communications over the ERCOT WAN*

*NPRR1180, Inclusion of Forecasted Load in Planning Analyses*

*NPRR1190, High Dispatch Limit Override Provision for Increased NOIE Load Costs*

*NPRR1191, Registration, Interconnection, and Operation of Customers with Large Loads; Information Required of Customers with Loads 25 MW or Greater*

*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*

*NPRR1215, Clarifications to the Day-Ahead Market (DAM) Energy-Only Offer Calculation*

*NPRR1216, Implementation of Emergency Pricing Program*

*NPRR1217, Remove VDI Requirement for Deployment and Recall of Load Resources and ERS Resources*

*NPRR1219, Methodology Revisions and New Definitions for the Report on Capacity, Demand and Reserves in the ERCOT Region (CDR)*

*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.

*NPRR1188, Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources*

Dave Maggio reviewed the 4/4/24 ERCOT comments to NPRR1188. Mr. Goff, representing Lancium LLC, for NPRR1188, noted that broader concepts on netting and cost allocation included in the 4/4/24 ERCOT comments should be considered outside NPRR1188. Market Participants requested additional time to review the issues. PRS took no action on this item.

*NPRR1198, Congestion Mitigation Using Topology Reconfigurations*

Market Participants reviewed the 3/8/24 LCRA comments, 4/3/23 WMS comments and 4/4/24 ROS comments to NPRR1198.

**Mr. Goff moved to recommend approval of the NPRR1198 as amended by the 3/8/24 LCRA comments. Bob Helton seconded the motion. The motion carried with four abstentions from the Cooperative (STEC), Independent Generator (2) (Jupiter Power, Calpine), and IOU (CNP) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1218, REC Program Changes Per P.U.C. SUBST. R. 25.173, Renewable Energy Credit Program*

Mr. Barnes reviewed the 4/4/24 Reliant comments to NPRR1218. Calvin Opheim reviewed the Revision Request timeline, noted the desire to implement NPRR1218 before year end, and proposed a clarifying edit to paragraph (1) of Section 14.1, Overview, of the 4/4/24 Reliant comments. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

Review of Revision Request Language (see Key Documents)

*NPRR1220, Market Restart Approval Process Modifications*

Jonathan Levine provided an overview of NPRR1220. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

*NPRR1221, Related to NOGRR262, Provisions for Operator Controlled Manual Load Shed*

Fred Huang provided an overview of NPRR1221 and summarized discussion at the April 4, 2024 Reliability and Operations Subcommittee (ROS) meeting. Market Participants reviewed the 4/4/24 ROS comments to NPRR1221. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

*NPRR1222, Public Utility Commission of Texas Approval of the Methodology for Determining Ancillary Service Requirements*

Ms. Mago provided an overview of NPRR1222 and confirmed that under NPRR1222 the annual Ancillary Service methodology review process would commence earlier in the calendar year to accommodate the timeline for Public Utility Commission of Texas (PUCT) approval by year end. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

*NPRR1223, Addition of TA Contact Information Into TDSP Application Form*

Katherine Gross provided an overview of NPRR1223. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot](#Ballot).

Combined Ballot

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

* **To approve the March 20, 2024 PRS Meeting Minutes as presented**
* **To approve the 2024 PRS Goals as presented**
* **To recommend approval of NPRR1218 as amended by the 4/4/24 Reliant comments as revised by PRS**
* **To recommend approval of NPRR1220 as submitted**
* **To table NPRR1221 and refer the issue to ROS**
* **To recommend approval of NPRR1222 as submitted**
* **To recommend approval of NPRR1223 as submitted**

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

Other Business

*PRS Meeting Schedule*

Ms. Coleman noted that the May 9, 2024 meeting will be in-person/Webex.

Adjournment

Ms. Coleman adjourned the April 5, 2024 PRS meeting at 11:52 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/04052024-PRS-Meeting-_-Webex> unless otherwise noted [↑](#footnote-ref-2)