**APPROVED**

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

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

 **Wednesday, September 13, 2023 – 9:30 a.m.**

Attendance

*PRS Seated Representatives:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Coleman, Diana | CPS Energy |  |
| Gross, Blake | AEP Service Corporation (AEPSC) |  |
| Hanson, Kevin | National Grid Renewables (NG Renewables) | Via Teleconference |
| Mindham, David | EDP Renewables  | Via Teleconference |
| Nguyen, Andy | Constellation Energy Generation (Constellation)  |  |
| Pokharel, Nabaraj | Residential Consumer | Alt. Rep. for Eric Goff |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) | Via Teleconference |
| Sathibabu, Chakka | Austin Energy | Alt. Rep. for Fei Xie Via Teleconference |
| Trevino, Melissa | Occidental Chemical (Occidental) | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Velasquez, Ivan | Oncor Electric Delivery (Oncor) |  |
|  |  |  |
| *Guests:* |  |  |
| Abbott, Kristin | Austin Energy | Via Teleconference |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Anson, Thomas | Clark Hill | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions | Via Teleconference |
| Barati, Camron | Potomac Economics | Via Teleconference |
| Batra-Shrader, Monica | Enchanted Rock | Via Teleconference |
| Benson, Mariah | PUCT | Via Teleconference |
| Berry, D | LCRA | Via Teleconference |
| Bertin, Suzanne |  | Via Teleconference |
| Bezwada, Neelima | Potomac Economics | Via Teleconference |
| Bivens, Carrie | Potomac Economics | Via Teleconference |
| Boggs, Callie | Eric Winters Goff LLC | Via Teleconference |
| Blackburn, Don | Hunt Energy Network Power Marketing | Via Teleconference |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) | Via Teleconference |
| Bonskowski, Ned  | Luminant  |  |
| Brown, Chris | PUCT | Via Teleconference |
| Bunyan, Mike | Engie | Via Teleconference |
| Campo, Curtis | Garland Power & Light | Via Teleconference |
| Callender, Hudson | CPS | Via Teleconference |
| Cochran, Seth | DC Energy | Via Teleconference |
| Coffee, Jennifer | Texas Pipeline Association | Via Teleconference |
| Cook, Kristin | Southern Power | Via Teleconference |
| Cooksey, Matthew | OPUC | Via Teleconference |
| Conant, Portia | Yes Energy | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Cox, Jason | EQ Energy Advisors | Via Teleconference |
| Cripe, Ramsey | Schneider Engineering | Via Teleconference |
| DeLeon, Seth | DME | Via Teleconference |
| Detelich, David | CPS Energy | Via Teleconference |
| Gaytan, Jose | Denton Municipal Electric | Via Teleconference |
| Ghoshal, Orijit | esVolta | Via Teleconference |
| Grey, Bruce | Samsung | Via Teleconference |
| Grimsley, Shawn | Engie | Via Teleconference |
| Hall, Matthew | Invenergy | Via Teleconference |
| Harvey, Julia | Texas-Electric Cooperatives | Via Teleconference |
| Heino, Shari | Brazos Electric Cooperative |  |
| Helton, Bob | Engie North America (Engie) |  |
| Hendrix, Chris | Demand Control 2 | Via Teleconference |
| Hinkson, David | CPS Energy | Via Teleconference |
| Hubbard, John Russ | TIEC |  |
| Ingraham, Deborah | Acciona | Via Teleconference |
| Jacob, Sini |  | Via Teleconference |
| Jewell, Michael | Jewell and Associates | Via Teleconference |
| Jolly, Emily | LCRA | Via Teleconference |
| Jones, Randy | Mountaineer Market Advisors | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Keefer, Andrew | Denton Municipal Electric | Via Teleconference |
| Kilroy, Taylor | TPPA | Via Teleconference |
| King, Robert | Good Company Associates | Via Teleconference |
| Kirby, Brandon | GEUS | Via Teleconference |
| Koz, Brian | Wolframium Power | Via Teleconference |
| Lacek, Mollie | Talen Energy | Via Teleconference |
| Lange, Cliff | STEC | Via Teleconference |
| Lee, Jim | CenterPoint Energy (CNP) |  |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| Lu, Bo | Broad Reach Power | Via Teleconference |
| Macaraeg, Tad | Stem | Via Teleconference |
| McClellan, Suzi | Good Company Associates | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Miller, Alexandra | EDFR | Via Teleconference |
| Mindham, David | EDP Renewables | Via Teleconference |
| Musher, Danny | Key Capture Energy | Via Teleconference |
| Nicholson, Tyler | PUCT | Via Teleconference |
| Noyes, Theresa | LCRA |  |
| Okenfuss, James | SENA | Via Teleconference |
| Paxson, Robert | AOL | Via Teleconference |
| Petajasoja, Ida | Stem | Via Teleconference |
| Ramaswamy, Ramya | PUCT | Via Teleconference |
| Ravulapati, Bharath | LCRA | Via Teleconference |
| Reedy, Steve | CIM View Consulting | Via Teleconference |
| Reed, Ronald | Centerpointe Energy | Via Teleconference |
| Richmond, Michele | TCPA | Via Teleconference |
| Ritch, John | NextEra  | Via Teleconference |
| Ross, Richard | AEPSC | Via Teleconference |
| Sams, Bryan | Calpine |  |
| Scott, Kathy | CNP |  |
| Sersen, Juliana | Baker Botts | Via Teleconference |
| Seymour, Cesar | Suez Energy |   |
| Smith, Caitlin | Jupiter Power | Via Teleconference |
| Smith, Mark | Mark Smith Law, LLC | Via Teleconference |
| Stephenson, Zach | Texas Electric Cooperatives | Via Teleconference |
| Thomas, Wayne | BTU | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Watson, Mark | SP Global | Via Teleconference |
| Weaver, Eileen | Oncor | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power  |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |   |
| Anderson, Troy |  |  |
| Arth, Matt |  | Via Teleconference |
| Azeredo, Chris |  | Via Teleconference |
| Bigbee, Nathan |  | Via Teleconference |
| Benavides, Marcos |  | Via Teleconference |
| Boren, Ann |  |  |
| Chambers, Janson |  | Via Teleconference |
| Chen, Jian |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Dashnyam, Sanchir |  | Via Teleconference |
| Dwyer, Davida |  | Via Teleconference |
| Fohn, Doug |  |  |
| Gonzalez, Ino |  | Via Teleconference |
| Gross, Katherine |  |  |
|  |  |  |
| Hailu, Ted |  | Via Teleconference |
| King, Ryan |  | Via Teleconference |
| Lee, Alex |  | Via Teleconference |
| Magarinos, Marcelo |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Mereness, Matt |  | Via Teleconference |
| Opheim, Calvin |  | Via Teleconference |
| Pedigo, Jake |  | Via Teleconference |
| Phillips, Cory |  |  |
| Rainwater, Kim |  | Via Teleconference |
| Roberts, Randy |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Rowe, Evan |  |  |
| Shanks, Maggie |  | Via Teleconference |
| Shaw, Pamela |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Stevens, Jim |  | Via Teleconference |
| Teixeira, Jay |  | Via Teleconference |
| Troublefield, Jordan |  |  |
| Wasik-Gutierrez, Erin |  | Via Teleconference |
| You, Haibo |  | Via Teleconference |
|  |  |  |

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

Diana Coleman called the September 13, 2023 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)

*July 13, 2023*

*August 10, 2023*

Market Participants reviewed the July 13, 2023 and August 10, 203 Meeting Minutes. Ms. Coleman noted these items could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Technical Advisory Committee (TAC) Update

Ms. Coleman reviewed the disposition of items considered at the August 22, 2023 TAC meeting.

Project Update (see Key Documents)

Troy Anderson provided project highlights, presented the new roadmap of 2023 through 2026 major projects ERCOT teams are working around on the 2023 release targets page, and summarized 2023 and 2024 release targets. Mr. Anderson reviewed additional project status information, responded to Market Participant questions and concerns, and presented the priority and rank options for Revision Requests requiring a project. Mr. Anderson highlighted items discussed at the August 24, 2023 Technology Working Group (TWG) meeting.

Urgency Vote(s) (See Key Documents)

*Nodal Protocol Revision Request (NPRR) 1197, Energy Storage Resource (ESR) Non-Charging Load(s) Optional Exclusion from EPS Netting Arrangement*

Shawn Grimsley summarized the request for Urgent status for NPRR1197. Market Participants discussed criteria for Urgent status.

**Bob Helton moved to grant NPRR1197 Urgent status. John Varnell seconded the motion.** **The motion failed with five objections from the Consumer (Occidental), Cooperative (2) (LCRA, STEC), Independent Generator (2) (Calpine, Constellation) Market Segments and ten abstentions from the Consumer (Residential), Cooperative (2) (GSEC, Brazos), Independent Retail Electric Provider (IREP) (Reliant), Inventor Owned Utility (3) (Oncor, CNP, AEPSC) and Municipal (3) (CPS Energy, GEUS, Austin Energy) Market Segments.** *(Please see ballot posted with Key Documents).*

Market Participants discussed the Revision Request timeline and additional stakeholder opportunities for NPRR1197 discussion before the October 12, 2023 PRS meeting.

*NPRR1199, Implementation of Lone Star Infrastructure Protection Act (LSIPA) Requirements*

Doug Fohn summarized the request for Urgent status for NPRR1199. Market Participants discussed the criteria for Urgent status, legislative requirements established in Senate Bill (SB) 2013, and the appropriate forum for discussion of the issues. PRS took no action on this item.

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

*NPRR1156, Priority Revision Request Process*

Market Participants noted recent legislation and Public Utility Commission of Texas (PUCT) memo modifying the process for communicating requests for formal action to ERCOT and that any future modification to the stakeholder process timeline would be taken up in a future NPRR. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1184, Update to Procedures for Managing Interest on Cash Collateral*

Market Participants reviewed the 7/13/23 RMS Report, 9/6/23 Impact Analysis, 9/11/23 ERCOT comments, and appropriate priority and rank for NPRR1184. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*System Change Request (SCR) 824, Increase File Size and Quantity Limits for RIOO Attachments*

ERCOT Staff presented the 9/5/23 Impact Analysis to SCR824 and noted internal performance testing allowed for increasing the limits on file quantities to 35 and file sizes to 100 MB with minor configuration changes. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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*

*NPRR1170, Capturing Natural Gas Delivery Information for Natural Gas Generation Resources*

*NPRR1179, Fuel Purchase Requirements for Resources Submitting RUC Fuel Costs*

*NPRR1180, Inclusion of Forecasted Load in Planning Analyses*

*NPRR1181, Submission of Seasonal Coal and Lignite Inventory Declaration*

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

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

PRS took no action on these items.

*NPRR1172, Fuel Adder Definition, Mitigated Offer Caps, and RUC Clawback*

Market Participants reviewed the 9/7/23 WMS comments to NPRR1172. David Detelich summarized the 9/11/23 CPS Energy comments to NPRR1172. Carrie Bivens noted the Independent Market Monitor (IMM) support for NPRR1172 as amended by the 9/11/23 CPS Energy comments. Some Market Participants opposed to NPRR1172 as amended by the 9/11/23 CPS energy comments expressed concern for 100% clawback for Reliability Unit Commitment (RUC).

**Melissa Trevino moved to recommend approval of NPRR1172 as amended by the 9/11/23 CPS Energy comments. Nabaraj Pokharel seconded the motion. The motion carried with five objections from the Cooperative (2) (GSEC, STEC), Independent Generator (2) (Calpine, Constellation), and Municipal (GEUS) Market Segments and nine abstentions from the Cooperative (2) (Brazos, LCRA), Independent Generator (5) (EDP Renewables, Broad Reach Power, Key Capture Energy, ENGIE, Jupiter Power) and Independent Power Marketer (IPM) (2) (Tenaska, NG Renewables) Market Segments.** *(Please see ballot posted with Key Documents).*

Review of Revision Request Language (see Key Documents)

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

Evan Rowe provided an overview of NPRR1191, summarized discussion at the September 6, 2023 Large Flexible Load Task Force (LFLTF) meeting and August 16, 2023 NPRR1191 and Related Revision Requests workshop, and encouraged Market Participants to attend the September 25, 2023 LFLTF meeting to further discuss the issues. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1192, Move OBD to Section 22 – Requirements for Aggregate Load Resource Participation in the ERCOT Markets*

Market Participants reviewed NPRR1192 and offered administrative clarifications. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1193, Related to SMOGRR027, Move OBD to Settlement Metering Operating Guide – EPS Metering Design Proposal*

Market Participants reviewed NPRR1192. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1194, Wholesale Storage Load Auxiliary Netting*

Lucas Turner provided an overview of NPRR1194 and the 9/12/23 STEC comments. Mr. Fohn summarized the 9/7/23 ERCOT comments. Market Participants debated the historical consistency of ERCOT’s stance regarding relevant policy and requested review of the issues at the Wholesale Market Subcommittee (WMS). Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1195, Resource Entity Metering Facilities Maintenance*

Mr. Turner provided an overview of NPRR1195 and, in response to Market Participant questions, clarified that NPRR1195 does not propose that Resource Entities be uniformly responsible for maintenance and repair requirements, but only if not under the control or authority of a Transmission and/or Distribution Service Provider (TDSP). Market Participants requested further review of the issues at WMS. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1196, Correction of NCLR Ancillary Service Failed Quantity Calculations under NPRR1149*

Ryan King provided an overview of NPRR1196. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*SCR825, ERCOT Voice Communications Aggregation*

Mr. Varnell provided an overview of SCR815. Market Participants requested additional review of SCR825 by WMS along with NPRR1162. Ms. Coleman noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

**Bob Wittmeyer moved to approve the Combined Ballot as follows:**

* **To approve the July 13, 2023, PRS Meeting Minutes as presented**
* **To approve the August 10, 2023 PRS Meeting Minutes as presented**
* **To reject NPRR1156**
* **To endorse and forward to TAC the 7/13/23 PRS Report as amended by the 9/11/23 ERCOT comments and 9/6/23 Impact Analysis for NPRR1184 with a recommended priority of 2024 and rank of 4060 for Phase 2**
* **To endorse and forward to TAC the 8/10/23 PRS Report and 9/5/23 Impact Analysis for SCR824**
* **To table NPRR1191**
* **To recommend approval of NPRR1192 as revised by PRS**
* **To recommend approval of NPRR1193 as submitted**
* **To table NPRR1194 and refer the issue to WMS**
* **To table NPRR1195 and refer the issue to WMS**
* **To recommend approval of NPRR1196 as submitted**
* **To table SCR825 and refer the issue to WMS**

**Ivan Velasquez seconded the motion. The motion carried unanimously.** **The IREP Market Segment was not present for the vote.** *(Please see ballot posted with Key Documents.)*

Other Business (see Key Documents)

*October 12, 2023 PRS Meeting*

Market Participants discussed conflicts with the October 12, 2023 PUCT open meeting. Ms. Coleman noted that the October 12, 2023 PRS meeting would begin at 1:00 P.M.

Adjournment

Ms. Coleman adjourned the September 12, 2023 PRS meeting at 11:28 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/09132023-PRS-Meeting> unless otherwise noted [↑](#footnote-ref-2)