**APPROVED**

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

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

**Thursday, September 15, 2022 – 1:30 p.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Bonskowski, Ned | Luminant Generation (Luminant) | Alt. Rep. for Ian Haley Via Teleconference |
| Coleman, Diana | CPS Energy |  |
| Day, Smith | Denton Municipal Electric (DME) |  |
| Goff, Eric | Residential Consumer |  |
| Gross, Blake | AEP Service Corporation (AEPSC) |  |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Mindham, David | EDP Renewables | Via Teleconference |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) | Via Teleconference |
| Richmond, Tim | Chariot Energy | Via Teleconference |
| Surendran, Resmi | Shell Energy North America (SENA) | Via Teleconference |
| Trevino, Melissa | Occidental Chemical (Occidental) |  |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
|  |  |  |
| *Guests:* |  |  |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions | Via Teleconference |
| Basaran, Harika | PUCT | Via Teleconference |
| Bivens, Carrie | Potomac Economics | Via Teleconference |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) | Via Teleconference |
| Boggs, Callie | Eric Winters Goff, LLC |  |
| Boisseau, Heather | LCRA | Via Teleconference |
| Cochran, Seth | DC Energy | Via Teleconference |
| Collard, Brad | PEC | Via Teleconference |
| Cortez, Sarai | Trailstone | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| DiPastena, Phil | DME | Via Teleconference |
| Dollar, Zachary | PUCT | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Hubbard, John | TIEC | Via Teleconference |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Jewell, Michael | Enel North America | Via Teleconference |
| Kee, David | CPS Energy | Via Teleconference |
| Lacek, Mollie | Talen Energy | Via Teleconference |
| Lee, Jim | CNP |  |
| Lotter, Eric | Grid Monitor | Via Teleconference |
| McKeever, Debbie | Oncor | Via Teleconference |
| Morris, Sandy | WETT | Via Teleconference |
| Musher, Danny | Key Capture Energy | Via Teleconference |
| Nguyen, Andy | LCRA | Via Teleconference |
| Orr, Rob | Lone Star Transmission | Via Teleconference |
| Pokharel, Nabaraj | OPUC | Via Teleconference |
| Ramaswamy, Ramya | PUCT | Via Teleconference |
| Reid, Walter | APA | Via Teleconference |
| Ritch, John | NextEra | Via Teleconference |
| Schatz, John | Vistra | Via Teleconference |
| Scott, Kathy | CNP |  |
| Siddiqi, Shams | Rainbow Energy Marketing Corporation | Via Teleconference |
| Sithuraj, Murali | Austin Energy | Via Teleconference |
| Snyder, Bill | AEPSC | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Velasquez, Ivan | Oncor | Via Teleconference |
| Walker, Floyd | PUCT | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power |  |
| White, Lauri | AEPSC | Via Teleconference |
| Zhang, Wen | SENA | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Ayson, Janice |  | Via Teleconference |
| Bigbee, Nathan |  |  |
| Boren, Ann |  |  |
| Castillo, Leo |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Gonzalez, Ino |  | Via Teleconference |
| Hailu, Ted |  | Via Teleconference |
| Holden, Curry |  | Via Teleconference |
| Holt, Blake |  | Via Teleconference |
| Huang, Fred |  | Via Teleconference |
| Jenkins, Darrell |  | Via Teleconference |
| Kang, Sun Wook |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| McKinney, Colten |  | Via Teleconference |
| Mereness, Matt |  |  |
| Moreno, Alfredo |  | Via Teleconference |
| Phillips, Cory |  |  |
| Roberts, Randy |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Ruane, Mark |  |  |
| Solis, Stephen |  | Via Teleconference |
| Stice, Clayton |  | Via Teleconference |
| Tucker, Don |  | Via Teleconference |
| Wasik-Gutierrez, Erin |  |  |
| Zeplin, Rachel |  | Via Teleconference |
|  |  |  |

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

Martha Henson called the September 15, 2022 PRS meeting to order at 1:30 p.m.

Antitrust Admonition

Ms. Henson directed attention to the Antitrust Admonition, which was displayed.

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

*August 11, 2022*

Market Participants reviewed the August 11, 2022 PRS Meeting Minutes. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Technical Advisory Committee (TAC) Update

Ms. Henson summarized discussion at the September 12, 2022 TAC and TAC Subcommittee Structural and Procedural Review, including PRS meeting efficiencies, and stated her intent to proceed with submittal of the Revision Request to eliminate the Protocol requirement for PRS to meet at least monthly. There were no objections.

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized the 2022 release targets, reviewed the additional project status information, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson reviewed discussion items for the Technology Working Group (TWG) meeting and stated that the next meeting is anticipated for late September 2022. Mr. Anderson presented the Revision Request Projects Review on Impact Analysis accuracy, and highlighted variances in project costs and duration from 2019 through September 2022. Fred Huang summarized recent discussion on the Outage Scheduler enhancement project, reviewed the potential change items, and requested Stakeholder feedback on the issues be sent to [OCSupv@ercot.com](mailto:OCSupv@ercot.com) by October 14, 2022.

Matt Mereness summarized in-flight strategic projects, reminded Market Participants that in preparation for the October 13, 2022 production implementation of Fast-Frequency Response Advancement (FFRA) and Firm Fuel Supply Service (FFSS) the Market Operations Test Environment (MOTE) environment is available for Market Participants testing through October 7, 2022, stated that ERCOT is forwarding weekly Market Readiness notices to the TAC listserv, and encouraged Market Participants to attend the weekly Market Readiness meetings on Tuesdays from 10:00 a.m. to 10:30 a.m.

Urgency Vote (see Key Documents)

*System Change Request (SCR) 823, ERCOT Mass System “County Name” File Updates for Texas SET V5.0 Implementation (Waive Notice*

**Bill Barnes moved to waive notice to consider SCR823. Jim Lee seconded the motion. The motion carried unanimously.** *(Please see ballot posted with Key Documents.)*

Kathy Scott summarized SCR823 and the request for Urgent Status. In response to Market Participants concerns for alternate solutions and potential cost impacts, Ms. Scott explained scenarios where the county information cannot be derived from existing service addresses. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

*Nodal Protocol Revision Request (NPRR) 1084, Improvements to Reporting of Resource Outages, Derates, and Startup Loading Failures*

Market Participants reviewed the 8/11/22 PRS Report and 9/13/22 Revised Impact Analysis for NPRR1084. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1118, Clarifications to the OSA Process*

Market Participants reviewed the 8/11/22 PRS Report and 1/25/22 Impact Analysis for NPRR1118. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1128, Allow FFR Procurement up to FFR Limit Without Proration*

Market Participants noted the 9/8/22 ERCOT comments requesting PRS table NPRR1128 to allow additional time to develop the Impact Analysis. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1139, Adjustments to Capacity Shortfall Ratio Share for IRRs*

Market Participants reviewed the 8/11/22 PRS Report, 8/23/22 Revised Impact Analysis and recommended priority and rank for NPRR1139. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1140, Recovering Fuel Costs for Generation Above LSL During RUC-Committed Hours*

Market Participants reviewed the 8/11/22 PRS Report, 6/7/22 Impact Analysis and recommended priority and rank for NPRR1140. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*SCR820, Operator Real-Time Messaging During Emergency*

Mr. Anderson presented the proposed phased budget and implementation approach for SCR820, and reviewed potential alternate solutions to maximize implementation efficiencies. Market Participants reviewed the 2/9/22 PRS Report, 9/13/22 Impact Analysis, Business case, and appropriate priority and rank for SCR820. Some Market Participants expressed concern for costs and requested more specificity before proceeding with the project.

**Blake Gross moved to endorse and forward to TAC the 2/9/22 PRS Report and 9/13/22 Impact Analysis for SCR820 with a recommended priority of 2023 and rank of 3730. Mr. Lee seconded the motion. The motion carried with one abstention from the Independent Power Marketer (IPM) (Tenaska) Market Segment.** *(Please see ballot posted with Key Documents.)*

*SCR821, Voltage Set Point Target Information for Distribution Generation Resource (DGR) or Distribution Energy Storage Resource (DESR)*

Market Participants noted the 9/13/22 ERCOT comments requesting PRS table SCR821 to allow additional time to develop the Impact Analysis. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Revision Requests Tabled at PRS (see Key Documents)

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1089, Requiring Highest-Ranking Representative, Official, or Officer of a Resource Entity to Execute Weatherization and Natural Gas Declarations*

*NPRR1132, Communicate Operating Limitations during Cold and Hot Weather Conditions*

*NPRR1138, Communication of Capability and Status of Online IRRs at 0 MW Output*

*NPRR1143, Provide ERCOT Flexibility to Determine When ESRs May Charge During an EEA Level 3*

*NPRR1144, Station Service Backup Power Metering*

*NPRR1145, Use of State Estimator-Calculated ERCOT-Wide TLFs in Lieu of Seasonal Base Case ERCOT-Wide TLFs for Settlement*

PRS took no action on these items.

*NPRR956, Designation of Providers of Transmission Additions*

Nathan Bigbee summarized NPRR956 and the ongoing litigation issues. In response to Market Participants request to codify the issues for current context, Mr. Bigbee offered to provide additional clarifications to NPRR956. PRs took no action on this item.

*NPRR1067, Market Entry Qualifications, Continued Participation Requirements, and Credit Risk Assessment*

Mark Ruane summarized the timeline for NPRR1067, noted that related concepts in NPRR1073, Market Entry/Participation by Principals of Counter-Parties with Financial Obligations, and NPRR1112, Elimination of Unsecured Credit Limits, and securitization items were higher priority items, stated that ERCOT anticipates additional clarifications to NPRR1067, and encouraged Market Participants to attend the September 21, 2022 Credit Work Group (Credit WG) and Market Credit Working Group (MCWG) meeting to discuss the issues. PRS took no action on this item.

*NPRR1126, Default Uplift Allocation Enhancement*

Market Participants reviewed the 6/30/22 DC Energy comments and the 9/14/22 WMS comments to NPRR1126.

**Eric Goff moved to reject NPRR1126. Melissa Trevino seconded the motion. The motion carried with seven abstentions from the Cooperative (LCRA), Independent Generator (Broad Reach Power), IPM (2) (Tenaska, SENA), Independent Retail Electric Provider (IREP) (Chariot Energy), and Investor Owned Utility (IOU) (2) (CNP, AEPSC) Market Segments.** *(Please see ballot posted with Key Documents.)*

Review of Revision Request Language (see Key Documents)

*NPRR1146, Credit Changes to Appropriately Reflect TAO Exposure*

Shams Siddiqi summarized NPRR1146 and applicable scenarios, noted discussion of the concepts at the August 17, 2022 Credit WG and MCWG, and requested review of the issues by the Wholesale Market Subcommittee (WMS). Some Market Participants expressed concern for the issues, and opined that the concepts in NPRR1146 would support some of the scenarios Mr. Siddiqi described, but not all, and inquired if ERCOT had the tools to determine when applicable. Mr. Ruane noted that ERCOT anticipates further clarifications to NPRR1146. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1147, Update and Improve Notification and Evaluation Processes Associated with Reliability Must-Run (RMR)*

Sun Wook Kang summarized NPRR1147. Market Participants requested review of the issues by the Reliability and Operations Subcommittee (ROS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

NPRR1148, Language Cleanup Related to ERCOT Contingency Reserve Service (ECRS)

Blake Holt summarized NPRR1148 and noted that the related Other Binding Document Revision Request

(OBDRR) 043 would be considered at the September 29, 2022 TAC meeting. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

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

* **To approve the August 11, 2022 meeting minutes as presented**
* **To grant SCR823 Urgent status; to recommend approval of SCR823 as submitted; and to forward to TAC SCR823**
* **To endorse and forward to TAC the 8/11/22 PRS Report and 9/13/22 Revised Impact Analysis for NPRR1084**
* **To endorse and forward to TAC the 8/11/22 PRS Report and 1/25/22 Impact Analysis for NPRR1118**
* **To table NPRR1128**
* **To endorse and forward to TAC the** **8/11/22 PRS Report and 8/23/22 Revised Impact Analysis for NPRR1139 with a recommended priority of 2023 and rank of 3740**
* **To endorse and forward to TAC the 8/11/22 PRS Report and 6/7/22 Impact Analysis for NPRR1140 with a recommended priority of 2023 and rank of 3750**
* **To table SCR821**
* **To table NPRR1146 and refer the issue to WMS**
* **To table NPRR1147 and refer the issue to ROS**
* **To recommend approval of NPRR1148 as submitted**

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

Notice of Withdrawal

*NPRR981, Day-Ahead Market Price Correction Process*

Ms. Henson noted the withdrawal of NPRR981.

Other Business

There was no Other Business.

Adjournment

Ms. Henson adjourned the September 15, 2022 PRS meeting at 3:21 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/event?id=1620941457433> unless otherwise noted [↑](#footnote-ref-1)