**APPROVED**

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

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

**Wednesday, March 8, 2023 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services (Reliant) |  |
| Goff, Eric | Residential Consumer |  |
| Gross, Blake | AEP Service Corporation (AEPSC) |  |
| Haley, Ian | Luminant Generation (Luminant) | Via Teleconference |
| Henson, Martha | Oncor Electric Delivery (Oncor) |  |
| Kee, David | CPS Energy | Alt. Rep. for Diana Coleman |
| Mendoza, Albert | Occidental Chemical (Occidental) | Alt. Rep. for Melissa Trevino via Teleconference |
| Mindham, David | EDP Renewables | Via Teleconference |
| Rich, Katie | Golden Spread Electric Cooperative (GSEC) |  |
| Richmond, Tim | Chariot Energy | Via Teleconference |
| Turner, Lucas | South Texas Electric Cooperative (STEC) | Via Teleconference |
| Varnell, John | Tenaska Power Services (Tenaska) |  |
| Xie, Fei | Austin Energy |  |
|  |  |  |
| *Guests:* |  |  |
| Ainspan, Malcolm | NRG | Via Teleconference |
| Aldridge, Ryan | AB Power Advisors | Via Teleconference |
| Anderson, Connor | AB Power Advisors | Via Teleconference |
| Ashley, Kristy | Customized Energy Solutions | Via Teleconference |
| Barr, Bill | LCRA | Via Teleconference |
| Benson, Mariah | PUCT | Via Teleconference |
| Bivens, Carrie | Potomac Economics | Via Teleconference |
| Blakey, Eric | Pedernales Electric Cooperative (PEC) | Via Teleconference |
| Callender, Hudson | CPS Energy | Via Teleconference |
| Cochran, Seth | DC Energy | Via Teleconference |
| Conant, Portia | Yes Energy | Via Teleconference |
| Cotton, Ashley | GEUS | Via Teleconference |
| Coultas, Ann | Enel Green Power NA | Via Teleconference |
| Daigneault, Ralph | Potomac Economics | Via Teleconference |
| DeAngelis, Tom | East Point Energy | Via Teleconference |
| Detelich, David | CPS Energy | Via Teleconference |
| Donohoo, Ken | OwlERC, LLC | Via Teleconference |
| Dreyfus, Mark | City of Eastland | Via Teleconference |
| Duensing, Allison | Sarac Energy | Via Teleconference |
| Fink, Regan | PG Renewables | Via Teleconference |
| Foos, Richard | Citadel | Via Teleconference |
| Ganjoo, Shalesh | LCRA | Via Teleconference |
| Garces, Eloisse |  | Via Teleconference |
| Hall, Matthew | Invenergy | Via Teleconference |
| Hubbard, John Russ | TIEC | Via Teleconference |
| Huynh, Thuy | Potomac Economics | Via Teleconference |
| Jolly, Emily | LCRA | Via Teleconference |
| Kirby, Brandon | GEUS | Via Teleconference |
| Lacek, Mollie | Talen Energy | 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 |
| McMurray, Mark | BTU | Via Teleconference |
| Nguyen, Andy | Constellation | Via Teleconference |
| Noyes, Theresa | LCRA |  |
| Orr, Rob | Lone Star Transmission | Via Teleconference |
| Paxson, Robert |  | Via Teleconference |
| Pokharel, Nabaraj | OPUC | Via Teleconference |
| Pyka, Greg | Schneider Engineering | Via Teleconference |
| Ritch, John | NextEra Energy | Via Teleconference |
| Scott, Kathy | CNP |  |
| Showalter, Dana | Plus Power | Via Teleconference |
| Siddiqui, Shams | Crescent Power Consulting | Via Teleconference |
| Slocum, Brad | East Point Energy | Via Teleconference |
| Smith, Caitlin | Jupiter Power | Via Teleconference |
| Surendran, Resmi | SENA | Via Teleconference |
| Thomas, Wayne | BTU | Via Teleconference |
| True, Roy | ACES | Via Teleconference |
| Villasana, Kristi | NBU | Via Teleconference |
| Viswanathan, Jay |  | Via Teleconference |
| Wittmeyer, Bob | Broad Reach Power |  |
| Xie, Fei | Austin Energy | Via Teleconference |
| Zang, John | Austin Energy | Via Teleconference |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Troy |  |  |
| Bigbee, Nathan |  | Via Teleconference |
| Billo, Jeff |  | Via Teleconference |
| Boren, Ann |  |  |
| Castillo, Leo |  | Via Teleconference |
| Chambers, Jason |  | Via Teleconference |
| Christy, Steve |  | Via Teleconference |
| Clifton, Suzy |  |  |
| Cyphers, Darrell |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| Gaddy, Jerry |  | Via Teleconference |
| Garcia, Freddy |  | Via Teleconference |
| Gonzalez, Ino |  | Via Teleconference |
| Hailu, Ted |  | Via Teleconference |
| Hartmann, Jimmy |  | Via Teleconference |
| Heinrich, Holly |  | Via Teleconference |
| Herrera, Shane |  | Via Teleconference |
| Hobbs, Kristi |  | Via Teleconference |
| Holden, Curry |  | Via Teleconference |
| Fohn, Doug |  | Via Teleconference |
| King, Ryan |  |  |
| Lee, Alex |  | Via Teleconference |
| Lightner, Debbie |  | Via Teleconference |
| Magarinos, Marcelo |  | Via Teleconference |
| Maggio, Dave |  | Via Teleconference |
| Mago, Nitika |  | Via Teleconference |
| Mantena, Dan |  | Via Teleconference |
| Matlock, Robert |  | Via Teleconference |
| Mereness, Matt |  |  |
| Phillips, Cory |  |  |
| Roberts, Randy |  | Via Teleconference |
| Rosel, Austin |  | Via Teleconference |
| Shaw, Pamela |  | Via Teleconference |
| Solis, Stephen |  | Via Teleconference |
| Stice, Clayton |  | Via Teleconference |
| Sumruld, Lisa |  | Via Teleconference |
| Troublefield, Jordan |  |  |
| Wasik-Gutierrez, Erin |  |  |
|  |  |  |

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

Martha Henson called the March 8, 2023 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

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

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

*February 9, 2023*

Market Participants reviewed the February 9, 2023 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 reviewed the disposition of items considered at the February 20, 2023 TAC meeting.

2023 PRS Goals (see Key Documents)

Market Participants offered clarifications to the draft 2023 PRS Goals. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Project Update (see Key Documents)

Troy Anderson provided project highlights, summarized 2023 release targets, reviewed the additional project status information, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson encouraged Market Participants to attend the April 6, 2023 Technology Working Group (TWG) meeting.

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

*Nodal Protocol Revision Request (NPRR)* *1145, Use of State Estimator-Calculated ERCOT-Wide TLFs in Lieu of Seasonal Base Case ERCOT-Wide TLFs for Settlement*

Market Participants reviewed the 2/9/23 PRS Report, 7/27/23 Impact Analysis, and appropriate priority and rank for NPRR1145. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1155, Attestation Regarding Market Participant Citizenship, Ownership, or Headquarters*

Market Participants reviewed the 2/9/23 PRS Report and 11/22/22 Impact Analysis for NPRR1155. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1156, Priority Revision Request Process*

Market Participants noted the introduction of legislation which will likely provide a clearer path forward for communication between the Public Utility Commission of Texas (PUCT) and ERCOT and requested additional time to consider the issues pending the outcome of that legislation. Ms. Henson 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*

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

*NPRR1070, Planning Criteria for GTC Exit Solutions*

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

*NPRR1146, Credit Changes to Appropriately Reflect TAO Exposure*

*NPRR1150, Related to NOGRR230, WAN Participant Security*

PRS took no action on these items.

Review of Revision Request Language (see Key Documents)

*NPRR1161, Clarify AVR Notification Requirements for IRRs*

Stephen Solis summarized NPRR1161. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

Doug Fohn summarized NPRR1162. Jason Chambers discussed the technical limitations and noted the added language reflects ERCOT’s current practices and system capabilities. Some Market Participants expressed concerns with NPRR1162 precluding contractual relationships that might be commercially beneficial to Qualified Scheduling Entities (QSEs) and requested additional review by the Wholesale Market Subcommittee (WMS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1163, Related to LPGRR070, Discontinuation of Interval Data Recorder (IDR) Meter Weather Sensitivity Process*

Randy Roberts summarized NPRR1163. Some Market Participants commented that there are still a number of Interval Data Recorder (IDR) Meters that will remain due to technical limitations and emphasized the importance of Initial Settlement accuracy. Market Participants reviewed the 3/8/23 RMS comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1164, Black Start and Isochronous Control Capable Identification*

Mr. Solis summarized NPRR1164. Some Market Participants expressed concern for certifying as black start-capable untested Resources that are not offered in to provide Black Start Service (BSS); Mr. Solis noted that Operators informally look at the information contemplated in NPRR1164 as part of Black Start training. Market Participants requested review of the issues by the Black Start Working Group (BSWG) and noted that an open session of BSWG may be necessary. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

**Bill Barnes moved to approve the Combined Ballot as follows:**

* **To approve the February 9, 2023, PRS Meeting Minutes as presented**
* **To approve the 2023 PRS Goals as revised by PRS**
* **To endorse and forward to TAC the 2/9/23 PRS Report and 7/27/22 Impact Analysis for NPRR1145 with a recommended priority of 2024 and rank of 4010**
* **To endorse and forward to TAC the 2/9/23 PRS Report and 11/22/22 Impact Analysis for NPRR1155**
* **To table NPRR1156**
* **To recommend approval of NPRR1161 as submitted**
* **To table NPRR1162 and refer the issue to WMS**
* **To table NPRR1163 and refer the issue to RMS**
* **To table NPRR1164 and refer the issue to the Reliability and Operations Subcommittee (ROS)**

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

Other Business

*NPRR1067, Improvements to Firm Fuel Supply Service Based on Lessons Learned*

Dave Maggio noted that NPRR1067 would be considered at the April 13, 2023 PRS meeting and encouraged Market Participants to attend the March 17, 2023 Wholesale Market Working Group (WMWG) meeting to discuss the issues

Adjournment

Ms. Henson adjourned the March 8, 2023 PRS meeting at 10:53 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/03082023-PRS-Meeting> unless otherwise noted [↑](#footnote-ref-1)