**APPROVED**

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

**Webex Only**

**Wednesday, March 9, 2022 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | |
| Coleman, Diana | CPS Energy |  | |
| Day, Smith | Denton Municipal Electric |  | |
| Goff, Eric | Residential Consumer |  | |
| Greer, Clayton | Morgan Stanley |  | |
| Gross, Blake | AEP Service Corporation |  | |
| Haley, Ian | Luminant Generation |  | |
| Henson, Martha | Oncor |  | |
| Matt, Kevin | Reliant Energy Retail Services | Alt. Rep. for Bill Barnes | |
| Mindham, David | EDP Renewables |  | |
| Rich, Katie | Golden Spread Electric Cooperative |  | |
| Trevino, Melissa | Occidental Chemical |  | |
| Turner, Lucas | South Texas Electric Cooperative |  | |
| Varnell, John | Tenaska Power Services |  | |
|  |  |  | |
| *Guests:* |  |  | |
| Ainspan, Malcolm | NRG |  | |
| Aldridge, Ryan | AB Power Advisors |  | |
| Alford, Anthony | CenterPoint Energy |  | |
| Ashley, Kristy | Customized Energy Solutions |  | |
| Benson, Mariah | PUCT |  | |
| Blackburn, Don | Hunt Energy Network Power Marketing |  | |
| Brown, Jack | Garland Power & Light |  | |
| Bunyan, Michael | Jupiter Power |  | |
| Campo, Curtis | Garland Power and Light |  | |
| Cochran, Seth | DC Energy |  | |
| Collard, Brad | PEC |  | |
| Cook, Tim | CTT |  | |
| Cotton, Ashley | GEUS |  | |
| Coultas, Ann | Enel Green Power |  | |
| Detelich, David | CPS Energy |  | |
| DiPastena, Phil | DME |  | |
| Downey, Marty |  |  | |
| Dreyfus, Mark | City of Eastland |  | |
| Duensing, Allison | Sarac Energy |  | |
| Foos, Richard | Citadel |  | |
| Graham, Sophie | Adapt2 Solutions |  | |
| Heino, Shari | Brazos Electric |  | |
| Hendrix, Chris | Demand Control 2 |  | |
| Herrera, Shane | CenterPoint Energy |  | |
| Huynh, Thuy | Potomac Economics |  | |
| Jackson, Dan | Dual Drive Technologies |  | |
| Johnson, Anthony | CenterPoint Energy |  | |
| Lasher, Warren | Lasher Energy Consulting |  | |
| Lee, Jim | TEC |  | |
| Lotter, Eric | Grid Monitor |  | |
| Loyferman, Larisa | CenterPoint Energy |  | |
| Lu, Bo | Broad Reach Power |  | |
| Macaluso, Joel | Grand Oak Capital |  | |
| Macias, Jesse | AEP |  | |
| Maher, Mollie | Talen Energy |  | |
| Matt, Kevin | NRG |  | |
| McKeever, Debbie | Oncor |  | |
| Nguyen, Andy | Lower Colorado River Authority |  | |
| Petajasoja, Ida | inBalance |  | |
| Pokharel, Nabaraj | OPUC |  | |
| Pyka, Greg | Schneider Engineering |  | |
| Rainwater, Kim | Lower Colorado River Authority |  | |
| Ramaswamy, Ramya | PUCT |  | |
| Reed, Carolyn | CenterPoint Energy |  | |
| Reedy, Steve | CIM View Consulting |  | |
| Scott, Kathy | CenterPoint Energy |  | |
| Shumate, Walt |  |  | |
| Siddiqi, Shams | Crescent Power Consulting |  | |
| Sithuraj, Murali | Austin Energy |  | |
| Smith, Mark | Nucor |  | |
| Striedel, James | GDS Associates |  | |
| True, Roy | ACES Power |  | |
| Turner, Chance | Dual Drive Technologies |  | |
| Velasquez, Ivan | Oncor |  | |
| Villasana, Kristi | NBU |  | |
| Walcavich, Colin | National Grid Renewables |  | |
| Walker, Floyd | PUCT |  | |
| Wittmeyer, Bob | Broad Reach Power |  | |
| Wyman, Constance |  |  | |
| Xie, Fei | Austin Energy |  | |
| *ERCOT Staff* |  |  | |
| Albracht, Brittney |  |  | |
| Anderson, Troy |  |  | |
| Bernecker, John |  |  | |
| Bigbee, Nathan |  |  | |
| Boren, Ann |  |  | |
| Castillo, Leo |  |  | |
| Clifton, Suzy |  |  | |
| Fleming, Lauren |  |  | |
| Gonzalez, Ino |  |  | |
| House, Donald |  |  | |
| Huang, Fred |  |  | |
| Kane, Erika |  |  |
| Kang, Sun Wook |  |  |
| Koepke, Joel |  |  |
| Maggio, Dave |  |  | |
| Mago, Nitika |  |  | |
| McGuire, Josh |  | Via Teleconference | |
| Mereness, Matt |  |  | |
| Mohanadha, Thinesh |  |  | |
| Moreno, Alfredo |  |  | |
| Patterson, Mark |  |  | |
| Pedigo, Jake |  |  | |
| Phillips, Cory |  |  | |
| Rosel, Austin |  |  | |
| Ruane, Mark |  |  | |
| Sanchez, Diana |  |  | |
| Sharma, Sandip |  |  | |
| Shaw, Pamela |  |  | |
| Stice, Clayton |  |  | |
| Tirupati, Venkata |  |  | |
| Tucker, Don |  |  | |
| Warnken, Pete |  |  | |
| Woodfin, Dan |  |  | |
| Xiao, Hong |  |  | |
| Zapanta, Zaldy |  |  | |
| Zeplin, Rachel |  |  | |
|  |  |  | |
|  |  |  | |

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

Martha Henson called the March 9, 2022 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, 2022*

*February 16, 2022*

Market Participants reviewed the February 9, 2022 and February 16, 2022 PRS Meeting Minutes. Ms. Henson noted these items 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 23, 2022 TAC meeting, including NPRR1092, Reduce RUC Offer Floor and Remove RUC Opt-Out Provision, and encouraged Market Participants to attend the March 10, 2022 NPRR1092 Workshop.

Project Update (see Key Documents)

Troy Anderson provided project highlights, reviewed the 2022 release targets, summarized in-flight strategic projects, and presented the priority and rank options for Revision Requests requiring projects. Mr. Anderson noted the Technology Working Group (TWG) discussion topics and encouraged Market Participants to attend the March 31, 2022 TWG meeting. Mark Ruane presented the Securitization update.

Urgency Vote (See Key Documents)

*Nodal Protocol Revision Request (NPRR) 1122, Clarifications for Securitization Default Charges*

*NPRR1123, Clarifications for Securitization Uplift Charges*

Mr. Ruane reviewed the request for Urgent status for NPRR1122 and NPRR1123. Market Participants expressed support to consider NPRR1122 and NPRR1123 for Urgent status. Market Participants offered clarifications to NPRR1122 and NPRR1123 to align the titles with the related Public Utility Regulatory Act (PURA) Subchapter and reviewed the respective Impact Analyses. Ms. Henson noted these items could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

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

*NPRR1096, Require Sustained Two-Hour Capability for ECRS and Four-Hour Capability for Non-Spin*

Market Participants reviewed the Revised Impact Analysis and appropriate priority and rank for NPRR1096.

**Eric Goff moved to endorse and forward to TAC the 2/9/22 PRS Report and Revised Impact Analysis for NPRR1096 with a recommended priority of 2022 and rank of 2650. Melissa Trevino seconded the motion. The motion carried via roll call ballot with one objection from the Independent Power Marketer (IPM) (Morgan Stanley) Market Segment and eight abstentions from the Consumer (Nucor), Independent Generator (4) (Luminant, Broad Reach Power, Enel Green Power, EDP Renewables), IPM (Tenaska), IREP (Reliant), and Municipal (GEUS) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1116, Remove Obsolete Reference to Market Information System (MIS)*

*NPRR1117, Related to SMOGRR025, Modifications to Line Loss Compensation Requirement for EPS Metering*

Market Participants reviewed the Impact Analyses for NPRR1116 and NPRR1117. Ms. Henson noted these items could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*System Change Request (SCR) 818, Changes to Incorporate GIC Modeling Data into Existing Modeling Applications*

Market Participants reviewed the revised Impact Analysis for SCR818. Joel Koepke summarized the 3/8/22 ERCOT comments. Ms. Henson summarized the 3/7/22 Joint TSPs comments. Some Market Participants repeated concerns that the benefits in SCR818 would not justify the costs. Other Market Participants reiterated support for SCR818, citing concerns for ongoing model maintenance according to North American Electric Reliability Corporation (NERC) Standards, and for security risks associated with email transmittal.

**Bob Wittmeyer moved to endorse and forward to TAC the 2/9/22 PRS Report and Revised Impact Analysis for SCR818 with a recommended priority of 2023 and rank of 3710. Anthony Johnson seconded the motion. The motion carried via roll call ballot with one objections from the Consumer (Residential) Market Segment, and one abstention from the Consumer (Dual Drive Technologies) Market Segment.** *(Please see ballot posted with Key Documents.)*

*SCR820, Operator Real-Time Messaging During Emergency*

Ms. Henson noted the ERCOT request for additional time to complete the Impact Analysis for SCR820. PRS took no action on this item.

Revision Requests Tabled at PRS (see Key Documents)

*NPRR956, Designation of Providers of Transmission Additions*

*NPRR981, Day-Ahead Market Price Correction Process*

*NPRR1058, Resource Offer Modernization for Real-Time Co-Optimization*

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

*NPRR1070, Planning Criteria for GTC Exit Solutions*

*NPRR1084, Improvements to Reporting of Resource Outages and Derates*

*NPRR1085, Ensuring Continuous Validity of Physical Responsive Capability (PRC) and Dispatch through Timely Changes to Resource Telemetry and Current Operating Plans (COPs)*

*NPRR1088, Applying Forward Adjustment Factors to Forward Market Positions and Un-applying Forward Adjustment Factors to Prior Market Positions*

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

*NPRR1100, Emergency Switching Solutions for Energy Storage Resources*

*NPRR1110, Black Start Requirements Update*

*NPRR1118, Clarifications to the OSA Process*

PRS took no action on these items.

*NPRR1108, ERCOT Shall Approve or Deny All Resource Outage Requests – URGENT*

Ms. Henson reminded Market Participants that NPRR1108 was granted Urgent status and that it is being discussed at the Wholesale Market Working Group (WMWG), however at the March 7, 2022 ERCOT Board meeting Public Utility Commission of Texas (PUCT) Chairman Peter Lake requested that NPRR1108 be presented for consideration at the April 28, 2022 ERCOT Board meeting. Fred Huang summarized NPRR1108 discussions at WMWG and the 2/22/22 ERCOT comments. Ms. Henson encouraged interested parties to file comments to NPRR1108 and stated that NPRR1108 will be considered at the April 6, 2022 Special PRS meeting. PRS took no action on this item.

*NPRR1112, Elimination of Unsecured Credit Limits*

Market Participants reviewed NPRR1112, the 2/16/22 Credit WG comments, and 3/7/22 WMS comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Review of Revision Request Language (see Key Documents)

*NPRR1119, Removal of Extraneous Language Pertaining to the Calculation of Weekly Generation and Load Resource Capacity Forecasts*

Pete Warnken summarized NPRR1119. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

*NPRR1121, Add a Posting Requirement to the Exceptional Fuel Cost Submission Process*

Dave Maggio summarized NPRR1121. Some Market Participants questioned whether the automated report justified the anticipated cost of implementing NPRR1121. Mr. Maggio expressed hope costs savings might be realized by associating the project with others for new reporting requirements. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot.](#Combined_Ballot)

Combined Ballot

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

* **To approve the February 9, 2022, and February 16, 2022, PRS Meeting Minutes as presented**
* **To grant NPRR1122 Urgent status; to recommend approval of NPRR1122 as revised by PRS; and to forward to TAC NPRR1122 and the Impact Analysis**
* **To grant NPRR1123 Urgent status; to recommend approval of NPRR1123 as revised by PRS; and to forward to TAC NPRR1123 and the Impact Analysis**
* **To endorse and forward to TAC the 2/9/22 PRS Report and Impact Analysis for NPRR1116**
* **To endorse and forward to TAC the 2/9/22 PRS Report and Impact Analysis for NPRR1117**
* **To recommend approval of NPRR1112 as amended by the 2/16/22 Credit WG comments**
* **To recommend approval of NPRR1119 as submitted**
* **To recommend approval of NPRR1121 as submitted**

**Clayton Greer seconded the motion. The motion carried unanimously via roll call vote.** *(Please see ballot posted with Key Documents.)*

Other Business

*Draft NPRR, Recovering Actual Fuel Costs through Reliability Unit Commitment (RUC) Guarantee*

Ino Gonzalez summarized concepts for the ERCOT-sponsored draft NPRR that will ensure a cost recovery mechanism for Generation Resources to recover their actual fuel costs when instructed to start due to a RUC, noted the draft NPRR will be submitted March 9, 2022, reviewed the Revision Request timeline, and stated that ERCOT will request Urgent status for consideration at the April 28 ERCOT Board meeting. Ms. Henson stated that the Revision Request will be considered at the April 6, 2022 Special PRS meeting.

*Update on Hybrid Stakeholder Meetings (In-Person/WebEx)*

Cory Phillips noted that the March 7 and March 8, 2022 ERCOT Board meetings were in person at the new ERCOT MET facility, and that all stakeholder groups would have the option of hybrid meetings beginning with the March 30, 2022 TAC meeting. Mr. Phillips summarized the hybrid meeting criteria codified in the TAC Procedures.

Adjournment

Ms. Henson adjourned the March 9, 2022 PRS meeting at 11:09 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <https://www.ercot.com/calendar/event?id=1640794919521> unless otherwise noted [↑](#footnote-ref-1)