**APPROVED**

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

**Webex Only**

**Thursday, June 10, 2021 – 9:30 a.m.**

Attendance

*Members:*

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Barnes, Bill | Reliant Energy Retail Services |  |
| Blakey, Eric | Just Energy |  |
| Claiborn-Pinto, Shawnee | OPUC |  |
| Coleman, Diana | CPS Energy |  |
| Day, Smith | Denton Municipal Electric |  |
| Greer, Clayton | Morgan Stanley |  |
| Gross, Blake | AEP Service Corporation |  |
| Haley, Ian | Luminant Generation |  |
| Henson, Martha | Oncor |  |
| Lange, Clif | South Texas Electric Cooperative | Alt. Rep. for Lucas Turner |
| Mindham, David | EDP Renewables |  |
| Rich, Katie | Golden Spread Electric Cooperative |  |
| Trevino, Melissa | Occidental Chemical |  |
| Varnell, John | Tenaska Power Services |  |
|  |  |  |
| *Guests:* |  |  |
| Abbott, Kristin | PUCT |  |
| Ainspan, Malcolm | NRG |  |
| Aldridge, Ryan | AB Power Advisors |  |
| Alford, Anthony | CenterPoint Energy |  |
| Anderson, Kevin | Customized Energy Solutions |  |
| Ashley, Kristy | Customized Energy Solutions |  |
| Benson, Mariah | PUCT |  |
| Berger, Joel | Customized Energy Solutions |  |
| Bivens, Carrie | Potomac Economics |  |
| Blackburn, Don | Hunt Energy Network Power Marketing |  |
| Bruce, Mark | Cratylus Advisors |  |
| Bunyan, Michael | Jupiter Power |  |
| Burke, Tom | Invenergy |  |
| Burnett, Ben | CenterPoint Energy |  |
| Chhajed, Pushkar | LCRA |  |
| Cochran, Seth | DC Energy |  |
| Coleman, Katie | TIEC |  |
| Cortez, Sarai | Hunt Utility |  |
| Cripe, Ramsey | Schneider Engineering |  |
| Daigneault, Ralph | Potomac Economics |  |
| Detelich, David | CPS Energy |  |
| DiCosimo, Vincent | Targa Resources |  |
| DiPastena, Philip | City of Denton |  |
| Downey, Marty | Jupiter Power |  |
| Dreyfus, Mark | MD Energy Consulting |  |
| Dumas, John | LCRA |  |
| Fazio, Danielle | ECTP |  |
| Goff, Eric |  |  |
| Harvey, Julia | Texas Electric Cooperatives |  |
| Heino, Shari | Brazos Electric Cooperative |  |
| Helton, Bob | ENGIE |  |
| Jewell, Michael | Jewell and Associates |  |
| Jolly, Emily | LCRA |  |
| Jones, Randy | Mountaineer Market Advisors |  |
| Kee, David | CPS Energy |  |
| Kilroy, Taylor | TPPA |  |
| Kozowski, Brian | Wolfraium Power |  |
| Lee, Jim | AEP TX |  |
| Mann, Jake | NBU |  |
| McClellan, Suzi | Good Company Associates |  |
| McKeever, Debbie | Oncor |  |
| McMurray, Mark | BTU |  |
| Miller, Alexandra | EDFR |  |
| Nguyen, Andy | LCRA |  |
| Powell, Christian | Pedernales Electric Cooperative |  |
| Price, Chris | 61 Commodities |  |
| Pyka, Greg | Schneider Engineering |  |
| Rainwater, Kim | LCRA |  |
| Reedy, Steve | CIM View Consulting |  |
| Reid, Walter | Advanced Power Alliance |  |
| Scott, Kathy | CenterPoint Energy |  |
| Shook, Mandie | CenterPoint Energy |  |
| Shumate, Walt |  |  |
| Siddiqi, Shams | Crescent Power Consulting |  |
| Simpson, Lori | Exelon |  |
| Singh Rastogi, Rama | PUCT |  |
| Sithuraj, Murali | Austin Energy |  |
| Slocum, Brad | East Point Energy |  |
| Smith, Christopher | Austin Energy |  |
| Striedel, James | GDS Associates |  |
| Surendran, Resmi | Shell  |  |
| Toomey, Megan | Talen Energy |  |
| Tran, Diane | TIEC |  |
| Trefny, Floyd | Texas Steel Mills |  |
| Troy, Roy | ACES Power |  |
| Velasquez, Ivan | Oncor |  |
| Villasana, Kristi | NBU |  |
| Welborn, Laura | Jupiter Power |  |
| Wall, Perrin | CenterPoint Energy |  |
| White, Lauri | AEP |  |
| Wittmeyer, Bob | Broad Reach Power |  |
| Yu, Joel | Enchanted Rock |  |
| Zermeno, Alaina | Husch Blackwell |  |
| Zerwas, Rebecca | PUCT |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Connor |  |  |
| Anderson, Troy |  |  |
| Ayson, Janice |  |  |
| Bernecker, John |  |  |
| Bigbee, Nathan |  |  |
| Billo, Jeff |  |  |
| Boren, Ann |  |  |
| Bracy, Phil  |   |  |
| Castillo, Leo |  |  |
| Clifton, Suzy |  |  |
| Comstock, Read |  |  |
| Findley, Samantha |  |  |
| Fleming, Lauren |  |  |
| Gonzalez, Ino |  |  |
| Hailu, Ted |  |  |
| Hobbs, Kristi |  |  |
| Holt, Blake |  |  |
| Huang, Fred |  |  |
| Jin, Julie |  |  |
| Jones, Dan |  |  |
| Kane, Erika |  |  |
| Kersulis, Jonas |  |  |
| Koepke, Joel |  |  |
| Lasher, Warren |  |  |
| Levine, Jonathan |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  |  |
| Mereness, Matt |  |  |
| Michelsen, Dave |  |  |
| Morehead, Juliana |  |  |
| Moreno, Alfredo |  |  |
| Ögelman, Kenan |  |  |
| Orr, Rob |  |  |
| Phillips, Cory |  |  |
| Ragsdale, Kenneth |  |  |
| Rosel, Austin |  |  |
| Ruane, Mark |  |  |
| Scott, Vicki |  |  |
| Sharma, Sandip |  |  |
| Shaw, Pamela |  |  |
| Singh, Vijay |  |  |
| Stice, Clayton |  |  |
| Teixeira, Jay |  |  |
| Troublefield, Jordan |  |  |
| Wattles, Paul |  |  |
| Wiley, Leslie |  |  |
| Young, Matthew |  |  |
| Zeplin, Rachel |  |  |

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

Martha Henson called the June 10, 2021 PRS meeting to order at 9:30 a.m.

Antitrust Admonition

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

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

*May 13, 2021*

Market Participants reviewed May 13, 2021 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 reviewed the disposition of items considered at the May 26, 2021 TAC meeting.

Project Update and Summary of Project Priority List (PPL) Activity to Date (see Key Documents)

Troy Anderson provided a project update and summary of PPL activity, reviewed the 2021 release targets, including the off-cycle release for the Enterprise Content Management System (ECMS) project, and stated that the Battery Energy Storage (BES) Combo Model implementation strategies target go-live dates are still in development, and that Distributed Generation Resource (DGR)/Distribution Energy Storage Resources (DESRs) implementation strategies target go-live dates are 2021-R6 (December 2021) or 2022-R1 (February 2022). Mr. Anderson discussed the enterprise Project and Portfolio Management (PPM) system project, changes to the Impact Analyses and PPL reporting. Mr. Anderson presented the priority and rank options for Revision Requests requiring projects.

Urgency Vote(s) (see Key Documents)

*Nodal Protocol Revision Request (NPRR), 1078, Clarification of Potential Uplift*

Bill Barnes summarized the request for Urgent status for NPRR1078. Market Participants expressed support to consider NPRR1078 for Urgent status. Mr. Barnes summarized NPRR1078 and previous discussions at the Credit Work Group (Credit WG) and the Market Credit Working Group (MCWG) meetings. Market Participants discussed the appropriate time period in calculating the Potential Uplift (PUL) and proposed clarifications to the proposed limit from “ten years’ worth” to “five years’ worth” of uplift charges. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1080, Ancillary Service Price Cap*

Sandip Sharma summarized the request for Urgent status for NPRR1080.

**Mr. Barnes moved to grant NPRR1080 Urgent status. Murali Sithuraj seconded the motion. The motion carried via roll call ballot with one objection from the Independent Generator (Exelon) Market Segment.** *(Please see ballot posted with Key Documents.)*

ERCOT Staff and Independent Market Monitor (IMM) Staff summarized NPRR1080. Market Participants discussed the mechanics of NPRR1080’s changes, reviewed the implementation timeline, and offered clarifications to the title of NPRR1080. Some Market Participants expressed concern for the unintended consequences in NPRR1080 and questioned the capping of Ancillary Service prices as an out-of-market action which may disincentivize Resources to provide Ancillary Services. The sponsors of NPRR1080 reiterated that this change is already contemplated in the ERCOT Board-approved Real-Time Co-Optimization (RTC) NPRRs, and NPRR1080 merely accelerates implementation of this component. Other Market Participants expressed support for NPRR1080 and opined implementing NPRR1080 sends the appropriate message to Texas consumers. PUCT Staff expressed support for advancing NPRR1080 to TAC and encouraged Market Participants to file comments in advance of the June 23, 2021 TAC meeting.

**Clayton Greer moved to recommend approval of NPRR1080 as revised by PRS; and to forward to TAC NPRR1080 and the Impact Analysis with a recommended effective date of upon ERCOT Board approval. Mr. Barnes seconded the motion. The motion carried via roll call ballot with four abstentions from the Consumer (Occidental Chemical), Cooperative (STEC), Independent Generator (Exelon), and Independent Power Marketer (IPM) (Tenaska) Market Segments.** *(Please see ballot posted with Key Documents.)*

*NPRR1081, Revisions to Real-Time Reliability Deployment Price Adder to Consider Firm Load Shed*

ERCOT Staff and IMM Staff summarized the request for Urgent status.

**Mr. Barnes moved to grant NPRR1081 Urgent status. Bob Helton seconded the motion.** **The motion carried unanimously via roll call vote.** *(Please see ballot posted with Key Documents.)*

Dave Maggio summarized NPRR1081, the Impact Analysis, implementation timeline and interim solution. Some Market Participants expressed concerns for the unintended consequences in NPRR1081, impacts to localized events, and the exact end-point of a Load shed event and the procedures for exiting EEA Level 3. The sponsors clarified that the proposed changes in NPRR1081 would only apply during system-wide Load shed, not for localized events and that concerns over the exact end-point of a Load shed event and the procedures for exiting Energy Emergency Alert (EEA) Level 3 should be addressed in a future NPRR. Other Market Participants expressed support for NPRR1081, opined that the concepts in NPRR1081 address some major pricing anomalies experienced during the February 2021 winter event and is a significant improvement over the current pricing mechanism.

**Mr. Greer moved to recommend approval of NPRR1081 as submitted; and to forward to TAC NPRR1081 and the Impact Analysis with a recommended priority of 2021 and rank of 3340 and a recommended effective date of upon ERCOT Board approval. Mr. Barnes seconded the motion. The motion carried via roll call ballot with three abstentions from the Consumer (Occidental Chemical), Cooperative (LCRA), and Independent Generator (Luminant) Market Segments.** *(Please see ballot posted with Key Documents.)*

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

*NPRR1005, Clarify Definition of Point of Interconnection (POI) and Add Definition Point of Interconnection Bus (POIB)*

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

*NPRR1063, Dynamic Rating Transparency*

Market Participants reviewed the 6/8/21 ERCOT comments and the Impact Analysis, and discussed the

appropriate priority and rank for NPRR1063. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*Resource Registration Glossary Revision Request (RGRR) 028, Transformer Impedance Clarifications*

Market Participants reviewed the Reliability and Operations Subcommittee (ROS) recommended priority of 2022 and rank of 3520 for RRGRR028. 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*

*NPRR981, Day-Ahead Market Price Correction Process*

*NPRR1056, Market Impact Generic Transmission Constraint (GTC) Notification*

*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*

*NPRR1072, Post Pre-Assigned Congestion Revenue Right (PCRR) Allocation Results to the ERCOT Website*

*NPRR1076, Deadlines for Alternative Dispute Resolution (ADR) Requests Related to Winter Storm Uri*

*System Change Request (SCR) 813, NMMS Jointly-Rated Equipment Coordination Confirmation*

PRS took no action on these items.

Review of Revision Request Language (see Key Documents)

*NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs*

Clayton Stice summarized NPRR1077 and the 6/10/21 ERCOT comments. Market Participants reviewed the 6/4/21 ROS comments and requested further review of the issues by ROS and the Wholesale Market Subcommittee (WMS) to understand the implications of requirements for all SOGs to provide telemetry at the distribution level. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1078, Clarification of Potential Uplift*

NPRR1078 was considered with Urgent status.

*NPRR1079, Day-Ahead Market RRS / ECRS 48-Hour Report Clarification*

Alfredo Moreno summarized NPRR1079. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Revision Requests Tabled at PRS due to Passport Impacts (see Key Documents)

*NPRR995, RTF-6 Create Definition and Terms for Settlement Only Energy Storage*

Mr. Sharma summarized NPRR995, discussions at previous PRS meetings, the 5/11/21 ERCOT comments and 5/26/21 ERCOT comments. Market Participants discussed the Impact Analysis and appropriate priority and rank for NPRR995, and given the relatively high cost of the Impact Analysis, the relatively low level of Settlement Only Energy Storage System (SOESS) MWs currently on the grid, and the expectation that NPRR995 would not be implemented until after the Real-Time Co-Optimization (RTC) project, strongly agreed with the 5/11/21 ERCOT comments that a cost-benefit analysis should be performed prior to initiating the project to implement NPRR995.

**Bob Wittmeyer moved to endorse and forward to TAC the 1/14/21 PRS Report as amended by the 5/26/21 ERCOT comments and the Impact Analysis for NPRR995 with a recommended priority of 2025 and rank of 4500. Marty Downey seconded the motion. The motion carried unanimously via roll call vote.** *(Please see ballot posted with Key Documents.)*

Combined Ballot

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

* **To approve the May 13, 2021 PRS Meeting Minutes as presented**
* **To grant NPRR1078 Urgent status; to recommend approval of NPRR1078 as revised by PRS; and to forward to TAC NPRR1078**
* **To endorse and forward to TAC the 5/13/21 PRS Report and Impact Analysis for NPRR1005**
* **To endorse and forward to TAC the 5/13/21 PRS Report and Impact Analysis for NPRR1063 with a recommended priority of 2021 and rank of 3330**
* **To endorse the ROS recommended priority of 2022 and rank of 3520 for RRGRR028**
* **To table NPRR1077 and refer the issue to ROS and WMS**
* **To recommend approval of NPRR1079 as submitted**

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

Other Business

There was no other business.

Adjournment

Ms. Henson adjourned the June 10, 2021 PRS meeting at 1:12 p.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2021/6/10/214154-PRS> unless otherwise noted [↑](#footnote-ref-1)