**APPROVED**

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

**Webex Only**

**Thursday, April 15, 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 |  |
| 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:* |  |  |
| Abebe, Jonathan | Pattern Energy |  |
| Ainspan, Malcolm | NRG |  |
| Alford, Anthony | CenterPoint Energy |  |
| Ashley, Kristy | Customized Energy Solutions |  |
| Benson, Mariah | PUCT |  |
| Bivens, Carrie | Potomac Economics |  |
| Blackburn, Don | Hunt Energy Network Power Marketing |  |
| Bruce, Mark | Cratylus Advisors |  |
| Burke, Tom | Invenergy |  |
| Cochran, Seth | DC Energy |  |
| Cook, Tim | CTT |  |
| Cortez, Sarai | Hunt Utility |  |
| Coultas, Ann | Enel Green Power NA |  |
| Cripe, Ramsey | Schneider Engineering |  |
| Daigneault, Ralph | Potomac Economics |  |
| Donohoo, Kenneth | EPE Consulting |  |
| Downey, Marty | Jupiter Power |  |
| Fazio, Danielle | ECTP |  |
| Heino, Shari | Brazos Electric Cooperative |  |
| Huynh, Thuy | Potomac Economics |  |
| Johnson, Anthony | CenterPoint Energy |  |
| Jolly, Emily | LCRA |  |
| Jones, Liz | Oncor |  |
| Kee, David | CPS Energy |  |
| Kilroy, Taylor | TPPA |  |
| Knies, Heather | LM Power  |  |
| Kuo, Jimmy | CPS Energy |  |
| Lamp, Jeff | Peak Energy Cap |  |
| Lee, Jim | AEP TX |  |
| McClellan, Suzi | Good Company Associates |  |
| McKeever, Debbie | Oncor |  |
| Mercado, David | CenterPoint Energy |  |
| Musher, Danny | Key Capture Energy |  |
| Nguyen, Andy | LCRA |  |
| Pahwa, Ankit | Pattern Energy |  |
| Powell, Christian | Pedernales Electric Cooperative |  |
| Price, Chris | 61 Commodities |  |
| Rainwater, Kim | LCRA |  |
| Reid, Walter | Advanced Power Alliance |  |
| Sams, Bryan | Calpine Corporation |  |
| Scott, Kathy | CenterPoint Energy |  |
| Shumate, Walt |  |  |
| Siddiqi, Shams | Crescent Power Consulting |  |
| Simpson, Lori | Exelon |  |
| Sithuraj, Murali | Austin Energy |  |
| Smith, Christopher | Austin Energy |  |
| Smith, Mark | Nucor |  |
| Striedel, James | GDS Associates  |  |
| Surendran, Resmi | Shell  |  |
| Tibbetts, Maeve | Pierce Atwood |  |
| Tran, Diane | TIEC |  |
| Troy, Roy | ACES Power |  |
| Turner, Brett | Yes Energy |  |
| Velasquez, Ivan | Oncor |  |
| Villasana, Kristi | NBU |  |
| Wall, Perrin | CenterPoint Energy |  |
| Wang, Nick | CCI |  |
| Wittmeyer, Bob | Longhorn Power |  |
| Zerwas, Rebecca | PUCT |  |
| *ERCOT Staff* |  |  |
| Albracht, Brittney |  |  |
| Anderson, Connor |  |  |
| Anderson, Troy |  |  |
| Bernecker, John |  |  |
| Blevins, Bill |  |  |
| Boren, Ann |  |  |
| Bracy, Phil  |   |  |
| Cheng, Yong |  |  |
| Clifton, Suzy |  |  |
| Comstock, Read |  |  |
| De la Garza, Mario |  |  |
| Fleming, Lauren |  |  |
| Garcia, Freddy |  |  |
| Gnanam, Prabhu |  |  |
| Gonzalez, Ino |  |  |
| House, Donald |  |  |
| Hull, Gibson |  |  |
| Kane, Erika |  |  |
| Kersulis, Jonas |  |  |
| Koepke, Joel |  |  |
| Lasher, Warren |  |  |
| Maggio, Dave |  |  |
| Mago, Nitika |  |  |
| Maul, Donald |  |  |
| Mereness, Matt |  |  |
| Miller, Alexandra |  |  |
| Miller, Megan |  |  |
| Morehead, Juliana |  |  |
| Moreno, Alfredo |  |  |
| Murff, Leah |  |  |
| Phillips, Cory |  |  |
| Roberts, Randy |  |  |
| Raish, Carl |  |  |
| Rosel, Austin |  |  |
| Ruane, Mark |  |  |
| Sharma, Sandip |  |  |
| Shaw, Pamela |  |  |
| Solis, Stephen |  |  |
| Stice, Clayton |  |  |
| Teixeira, Jay |  |  |
| Troublefield, Jordan |  |  |
| Tucker, Don |  |  |
| Williams, Leslie |  |  |
| Xiao, Hong |  |  |
| Zeplin, Rachel |  |  |
| Zhou, Yuan |  |  |

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

Martha Henson called the April 15, 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)

*March 11, 2021*

Market Participants reviewed March 11, 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 March 24, 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, and stated that Battery Energy Storage (BES) and Distributed Generation Resource (DGR) Pre-Passport projects, Combo Model and DGR/Distribution Energy Storage Resources (DESRs) implementation strategies target go-live dates are still in development, with consideration of multiple go-lives.

Urgency Vote(s)

*Nodal Protocol Revision Request (NPRR) 1073, Market Participant Application Changes*

*NPRR1074, "mp" Definition Revision*

Clayton Greer summarized the request for Urgent status for NPRRs 1073 and 1074 in consideration of the default allocation related to Winter Storm Uri. Market Participants expressed support to consider NPRR1073 and NPRR1074 for Urgent status. Mr. Greer summarized NPRR1073. Seth Cochran reviewed the 4/14/21 DC Energy comments to NPRR1073. Juliana Morehead noted ERCOT’s intent to submit additional clarifications to NPRR1073 to account for possible outcomes related to Market Participants with a terminated Standard Form Market Participant Agreement that are not currently contemplated in the NPRR. Market Participants reviewed NPRR1074. Ms. Morehead noted ERCOT would also provide additional clarifications to the Settlement variable definition in NPRR1074. 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)

*NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols*

*NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report*

Market Participants reviewed the Impact Analyses for NPRRs 979 and 1062. Ms. Henson noted these items 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*

*NPRR1063, Dynamic Rating Transparency*

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

PRS took no action on these items.

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

Don Tucker summarized NPRR1005. David Mercado summarized the 3/30/21 CenterPoint Energy comments. Bob Wittmeyer reviewed the 4/7/21 Longhorn Power comments. Market Participants requested additional time to review the issue. PRS took no action on this item.

*NPRR1064, Identification of Chronic Congestion*

Market Participants reviewed NPRR1064 and the 3/24/21 ERCOT comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

Review of Revision Request Language

*NPRR1070, Planning Criteria for GTC Exit Solutions*

Alexandra Miller summarized NPRR1070. Some Market Participants expressed concern for the evaluation of net societal benefits, estimation and modeling of the impact of future transmission outages on Generic Transmission Constraints (GTCs), and proposed deration of GTCs/ Interconnection Reliability Operating Limits (IROL) and requested further review of the issues by the Reliability and Operations Subcommittee (ROS) and Wholesale Market Subcommittee (WMS). Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

*NPRR1071, Minor Revisions to the Reporting of Demand Response by Retail Electric Providers and Non-Opt-In Entities*

Carl Raish summarized NPRR1071 and the 4/14/21 RMS comments. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

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

Brett Turner summarized NPRR1072. Market Participants and ERCOT Staff discussed potential changes to the Congestion Revenue Right (CRR) calendar and additional clarifications to NPRR1072, and requested additional time to review the issues. Ms. Henson noted this item could be considered for inclusion in the [Combined Ballot](#Combined_Ballot).

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

Joel Koepke summarized SCR813. Market Participants requested additional review of the issues by ROS. 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*

PRS took no action on this item.

Combined Ballot

**Marty Downey moved to approve the Combined Ballot as follows:**

* **To approve the March 11, 2021 PRS Meeting Minutes as presented**
* **To endorse and forward to TAC the 3/11/21 PRS Report and Impact Analysis for NPRR979**
* **To endorse and forward to TAC the 3/11/21 PRS Report and Impact Analysis for NPRR1062**
* **To recommend approval of NPRR1064 as amended by the 3/24/21 ERCOT comments**
* **To grant NPRR1073 Urgent status; to recommend approval of NPRR1073 as amended by the 4/14/21 DC Energy comments; and to forward to TAC NPRR1073**
* **To grant NPRR1074 Urgent status; to recommend approval of NPRR1074 as submitted; and to forward to TAC NPRR1074**
* **To table NPRR1070 and refer the issue to ROS and WMS**
* **To recommend approval of NPRR1071 as submitted**
* **To table NPRR1072**
* **To table SCR813 and refer the issue to ROS**

**Bill Barnes 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 April 15, 2021 PRS meeting at 11:22 a.m.

1. Key Documents referenced in these minutes may be accessed on the ERCOT website at <http://www.ercot.com/calendar/2021/4/15/214146-PRS> unless otherwise noted [↑](#footnote-ref-1)