



## **Item 10: TAC Report**

*Bob Helton*

2020 Technical Advisory Committee (TAC) Chair

Board of Directors Meeting

ERCOT Public

February 11, 2020

# Summary of TAC Update

## Revision Requests Recommended for Approval by TAC – Unopposed:

- NPRR826, Mitigated Offer Caps for RMR Resources
- NPRR838, Updated O&M Cost for RMR Resources
- NPRR955, Define Limited Impact Remedial Action Scheme (RAS)
- NPRR963, Base Point Deviation Settlement and Deployment Performance Metrics for Energy Storage Resources (Combo Model)
- NPRR964, Improvement of RMR Process and Removal of Synchronous Condenser Unit and Agreement
- NPRR967, Remove the 10 MW Limit from the Definition of Limited Duration Resource (LDR)
- NPRR970, Reliability Unit Commitment (RUC) Fuel Dispute Process Clarification
- NPRR971, Replacing the Real-Time Average Incremental Energy Cost
- NPRR974, Capacity Insufficiency Operating Condition Notice (OCN) Transparency
- NPRR977, Create MIS Posting for RUC Cancellations
- NPRR978, Alignment with Amendments to PUCT Substantive Rule 25.505
- NPRR980, Accounting for NSO Forced Outages and GINR Inactive Projects in the Report on the Capacity, Demand and Reserves in the ERCOT Region
- NPRR982, Alignment of Block Load Transfer (BLT) Requirements Between Protocols and Nodal Operating Guide
- NPRR985, Modify Forward Adjustment Factors to Include Pricing for the Current Operating Day
- NPRR986, BESTF-2 Energy Storage Resource Energy Offer Curves, Pricing, Dispatch, and Mitigation - URGENT
- NPRR988, Correction to Conditions for DAM Award Eligibility for PTP Obligations with Links to an Option – URGENT
- NOGRR183, Remedial Action Scheme (RAS) Submittal and Review Requirements
- SCR806, Adding QSE and DME Information to Disclosure Reports
- VCMRR026, Related to NPRR970, Reliability Unit Commitment (RUC) Fuel Dispute Process Clarification



# Summary of TAC Update

## January TAC Highlights

- Confirmation of 2020 Subcommittee Leadership
- Real-Time Co-optimization Task Force (RTCTF) Key Principles
- Battery Energy Storage Task Force (BESTF) Key Topics/Concepts
- Southern Cross Transmission Directive #7, Determination as to How to Manage Congestion Caused by DC Tie

# January TAC Highlights

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## **Confirmation of 2020 TAC Subcommittee Leadership.**

At its 1/29/20 meeting, TAC confirmed the following subcommittee leadership for 2020.

### **Protocol Revision Subcommittee (PRS)**

Chair: Martha Henson, Oncor Electric Delivery

Vice Chair: Melissa Trevino, Occidental Chemical

### **Retail Market Subcommittee (RMS)**

Chair: Eric Blakey, Just Energy

Vice Chair: Jim Lee, AEP Service Corporation

### **Reliability and Operations Subcommittee (ROS)**

Chair: Kevin Bunch, EDF Trading North America

Vice Chair: Jennifer Ayers-Brasher, RWE Renewables Americas

### **Wholesale Market Subcommittee (WMS)**

Chair: David Kee, CPS Energy

Vice Chair: Resmi Surendran, Shell Energy



# January TAC Highlights

## **Real-Time Co-optimization Task Force (RTCTF) Key Principles.**

At its 1/29/20 meeting, TAC endorsed the following Key Principles for purposes of informing the ERCOT Board.

- KP1.1 subsections (2), (6), (7), and (8) Ancillary Service Demand Curves and Current Market Price Adders
- KP1.2 subsection (3) System-Wide Offer Cap and Power Balance Penalty Price
- KP1.3 subsections (11) and (14) Offering and Awarding Ancillary Services in Real-Time
- KP1.4 subsections (3) and (4) Systems/Applications that Provide Input into the Real-Time Optimization Engine
- KP1.5 subsections (14)-(16) Process for Deploying Ancillary Services
- KP1.6 subsection (5) Ancillary Service Imbalance Settlement
- KP3 subsections (13)-(20) Reliability Unit Commitment
- KP5 subsections (2)(a), (7)(b), and (7)(j) Day-Ahead Market
- KP6 Market-Facing Reports
- KP7 Performance Monitoring

# January TAC Highlights

## **Battery Energy Storage Task Force (BESTF) Charter and Key Topics/Concepts.**

At its 1/29/20 meeting, TAC approved the following Key Topics/Concepts.

- KTC-1 Definitions and Registration for Energy Storage Resources
- KTC-3 ESR Dispatch, Pricing and Mitigation
- KTC-5 Performance
- KTC-6 ESR Options to Maintain Desired Level of State of Charge
- KTC-7 Settlement
- KTC-8 Wholesale Storage Load Treatment
- KTC-10 ESR - Study & Capacity Assumptions

## **Southern Cross Transmission Directive #7.**

At its 1/29/20 meeting, TAC endorsed Southern Cross Transmission Directive #7, Determination as to How to Manage Congestion Caused by DC Tie, as presented by ERCOT.