



Item 7: TAC Report

Clif Lange

2019 Technical Advisory Committee (TAC) Vice
Chair

Board of Directors Meeting

ERCOT Public

December 10, 2019

Summary of TAC Update

Revision Requests Recommended for Approval by TAC – Unopposed:

- NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource's POI
- NPRR902, ERCOT Critical Energy Infrastructure Information
- NPRR928, Cybersecurity Incident Notification
- NPRR937, Distribution Voltage Level Block Load Transfer (BLT) Deployment
- NPRR941, Create a Lower Rio Grande Valley Hub
- NPRR957, RTF-4 Definition of Energy Storage Resource and Related Registration and Telemetry Requirements
- NPRR965, GREDP Shutdown Exemption
- NPRR968, Revise EEA Level 3 Triggers from 1375 MW to 1430 MW to Align with New Most Severe Single Contingency Value
- NPRR969, Clean-up of Protocol 19.8, Retail Market Testing
- NPRR972, Enhancing Existing CRR Transaction Limit Process
- PGRR071, Update Interconnection Process Timetables to Align with NPRR926
- SCR800, Addition of DC Tie Ramp to GTBD Calculation
- SCR805, Provide Early Access to Certain 60-Day Reports to TSPs Upon Request
- VCMRR025, Related to NPRR957, RTF-4 Definition of Energy Storage Resource and Related Registration and Telemetry Requirements

Summary of TAC Update

October and November TAC Highlights

- Real-Time Co-optimization Task Force (RTCTF) Key Principles
- Battery Energy Storage Task Force (BESTF) Charter & Key Topics/Concepts
- 2020 Ancillary Services Methodology
- Methodology to Calculate Responsive Reserve (RRS) Service Limits
- Other Binding Documents List
- Summer Assessment Assignments

Guide Revisions Approved by TAC

- NOGRR197, Align Responsive Reserve (RRS) Manual Deployment Requirements with Current Practice
- RMGRR162, Revisions to Safety-Net Process

October/November TAC Highlights



October/November TAC Highlights

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

At its 10/23/19 and 11/20/19 meetings, TAC endorsed the following Key Principles for purposes of informing the ERCOT Board.

10/23/19

- KP 1.1 (5): Ancillary Service Demand Curves and Current Market Price Adders
- KP 1.3 (1), (2), (3), (4)(a) & (b), (5), (6), (7), (8), (10) and (11): Offering and Awarding Ancillary Services in Real-Time
- KP 5 (1) - (6): Day-Ahead Market

11/20/19

- KP 1.3 (8)(c), (9), (12) and (13): Offering and Awarding Ancillary Services in Real-Time
- KP 2 (1) - (6): Suite of Ancillary Service Products
- KP 5 (7): Day-Ahead Market

October/November TAC Highlights

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

At its 10/23/19 and 11/20/19 meetings, TAC approved the BESTF Charter and the following Key Topics/Concepts.

- KTC-3 ESR Dispatch and Pricing (item #1, #2 & #3)
- KTC-6 Allow ESRs to update their EOC closer to RT (item #1)
- KTC-10 ESR RUC and COP Submittals (item #3)
- KTC-4 ESR Technical Requirements
- KTC-2 ESR ORDC and PRC Reserve

2020 Ancillary Services Methodology.

At its 11/20/19 meeting, TAC endorsed the 2020 Ancillary Service Methodology as recommended by ERCOT.

October/November TAC Highlights

Methodology to Calculate Responsive Reserve (RRS) Service Limits & Other Binding Documents List.

At its 10/23/19 and 11/20/19 meetings, TAC approved the Methodology to Calculate RRS Service Limits as recommended by ROS and to add the document to the Other Binding Documents List as recommended by PRS.

Summer Assessment Assignments.

At its 11/20/19 meeting, TAC reviewed the Summer 2019 Lessons Learned and assigned discussion topics to its Subcommittees.

Notice of Guide Revisions Approved by TAC

RMGRR162, Revisions to Safety-Net Process. This Retail Market Guide Revision Request (RMGRR) clarifies the purpose and appropriate use of the safety-net move-in process, and revises the timing for submitting a safety-net Move-In Request. Revisions also clarify the appropriate usage of the market approved safety-net process for Competitive Retailers (CRs) and aligns the Retail Market Guide with RMGRR141, Clarifying Procedures for Market Participants During an Extended Unplanned System Outage.

NOGRR197, Align Responsive Reserve (RRS) Manual Deployment Requirements with Current Practice. This Nodal Operating Guide Revision Request (NOGRR) updates Section 4.8.1, Responsive Reserve Service Manual Deployment, to provide flexibility in the amount of RRS capacity that is released to SCED during scarcity conditions.