



## **Item 7: TAC Report**

*Bob Helton*

2020 Technical Advisory Committee (TAC) Chair

Urgent Board of Directors Meeting

ERCOT Public

December 8, 2020

# Summary of TAC Update

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

- NPRR1001, Clarification of Definitions of Operating Condition Notice, Advisory, Watch, Emergency Notice, and Related Clarifications
- NPRR1007, RTC – NP 3: Management Activities for the ERCOT System – URGENT
- NPRR1008, RTC – NP 4: Day-Ahead Operations – URGENT
- NPRR1009, RTC – NP 5: Transmission Security Analysis and Reliability Unit Commitment – URGENT
- NPRR1010, RTC – NP 6: Adjustment Period and Real-Time Operations – URGENT
- NPRR1011, RTC – NP 8: Performance Monitoring – URGENT
- NPRR1012, RTC – NP 9: Settlement and Billing – URGENT
- NPRR1013, RTC – NP 1, 2, 16, and 25: Overview, Definitions and Acronyms, Registration and Qualification of Market Participants, and Market Suspension and Restart – URGENT
- NPRR1014, BESTF-4 Energy Storage Resource Single Model – URGENT
- NPRR1026, BESTF-7 Self-Limiting Facilities
- NPRR1028, RUC Process Alignment with Resource Limitations Not Modeled in the RUC Software
- NPRR1029, BESTF-6 DC-Coupled Resources – URGENT
- NPRR1031, Notices for Curtailment of Load
- NPRR1032, Consideration of Physical Limits of DC Ties in RUC Optimization and Settlements
- NPRR1039, Replace the Term MIS Public Area with ERCOT Website
- NPRR1041, Adjust Expiration of Protected Information Status for Wholesale Storage Load (WSL) Data
- NPRR1042, Planned Capacity Adjustment in the Report on Capacity, Demand and Reserves in the ERCOT Region
- NPRR1043, Clarification of NPRR986 Language Related to Wholesale Storage Load
- NPRR1046, Additional Revisions to Remove Dynamically Scheduled Resource (DSR) from the Protocols
- NPRR1047, Consolidate Greybox re NPRR973 and NPRR1016



# Summary of TAC Update

## Revision Requests Recommended for Approval by TAC – Unopposed (continued):

- COPMGR048, Related to NPRR1039, Replace the Term MIS Public Area with ERCOT Website
- NOGRR207, Related to NPRR1001, Clarification of Definitions of Operating Condition Notice, Advisory, Watch, Emergency Notice, and Related Clarifications
- NOGRR211, RTC Nodal Operating Guides 2 and 9 – System Operations and Control Requirements and Monitoring Programs – URGENT
- NOGRR217, Related to NPRR1039, Replace the Term MIS Public Area with ERCOT Website
- OBDRR020, RTC – Methodology for Setting Maximum Shadow Prices for Network and Power Balance Constraints – URGENT
- PGRR081, Related to NPRR1026, BESTF-7 Self-Limiting Facilities
- PGRR082, Revise Section 5 and Establish Small Generation Interconnection Process
- PGRR083, Add RPG Project Number and TPIT Revisions
- PGRR084, Related to NPRR1039, Replace the Term MIS Public Area with ERCOT Website
- RRGRR023, Related to NPRR1002, BESTF-5 Energy Storage Resource Single Model Registration and Charging Restrictions in Emergency Conditions
- SCR812, Create Intermittent Renewable Generation Integration Report
- VCMRR030, Related to NPRR1039, Replace the Term MIS Public Area with ERCOT Website

## Revision Requests Recommended for Approval by TAC – Non-Unanimous

- NPRR945, Net Metering Requirements; and
- NPRR1055, Market Notice and ERCOT Discretion re Late-Filed NOIE Eligibility Attestations for PTP Obligations with Links to an Option Bid Awards – URGENT

# Summary of TAC Update

## October/November TAC Highlights

- 2021 Ancillary Service Methodology
- Southern Cross Directive #3 Ramp Rate Restrictions Whitepaper

## Guide Revisions Approved by TAC

- SMOGRR023, Update to Nameplate Information Requirements
- NOGRR220, Greybox Baseline Updates re NOGRR212



# October/November TAC Highlights

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## **2021 Ancillary Services Methodology**

At its 11/18/20 meeting, TAC endorsed the 2021 Ancillary Service Methodology as recommended by ERCOT.

## **Southern Cross Directive #3 Ramp Rate Restrictions Whitepaper**

At its 11/18/20 meeting, TAC unanimously voted to endorse Southern Cross Directive #3 as revised by TAC.

# Revision Requests with Opposing Votes (Vote)

# NPRR945, Net Metering Requirements

<b>Purpose</b> (TIEC)	<p>This NPRR removes a subjective and ambiguous term, “associated Load,” that has been interpreted in certain instances to restrict private service arrangements that are otherwise authorized under the PURA and PUCT precedent. Removing this term will provide regulatory certainty for both existing and planned sites by deferring to PURA and PUCT precedent, avoiding potentially inconsistent interpretations of the Protocols. The NPRR also adds language to explicitly state that private service arrangements must comply with PURA and PUCT precedent, in addition to meeting the technical metering requirements in the Protocols. Finally, the NPRR creates a new reporting requirement that will identify all Generation Resources and SOGs that are registered as part of a Private Use Network to improve transparency to the market.</p>
<b>TAC Vote</b>	<p>On 10/28/20, TAC voted via roll call to recommend approval of NPRR945 as recommended by PRS in the 10/15/20 PRS Report. There were five opposing votes from the Cooperative (3) (STEC, Brazos, GSEC), Independent Generator (Luminant), and IPM (Morgan Stanley) Market Segments, and two abstentions from the Independent Generator (Calpine) and IPM (EDF Trading) Market Segments.</p>
<b>ERCOT Opinion</b>	<p>ERCOT supports approval of NPRR945.</p>
<b>Effective Date/Priority</b>	<p>Upon system implementation - Priority 2021; Rank 3270 for paragraph (7) of Section 10.3.2.3; January 1, 2021 for all remaining language</p>
<b>ERCOT Impact</b>	<p>Between \$10k - \$20k; impacts to Resource Integration and External Public; ERCOT business processes will be updated.</p>
<b>Business Case Highlights</b>	<p>This NPRR provides regulatory certainty for existing and planned sites by removing ambiguous language in the Protocols that has been interpreted to preclude arrangements that are otherwise lawful.</p>





## NPRR1055, Market Notice and ERCOT Discretion re Late-Filed NOIE Eligibility Attestations for PTP Obligations with Links to an Option Bid Awards – URGENT

<b>Purpose (ERCOT)</b>	This NPRR gives ERCOT the discretion to accept for good cause attestations from Non-Opt-In Entities (NOIEs) under paragraph (3) of Section 4.4.6.3, PTP Obligations with Links to an Option DAM Award Eligibility, after the October 1, 2020 annual deadline, and removes the same on January 1, 2021. Further, the NPRR requires ERCOT to post a Market Notice by September 1 of each year reminding NOIEs of the annual deadline.
<b>TAC Vote</b>	On 11/18/20, TAC voted via roll call to recommend approval of NPRR1055 as recommended by PRS in the 11/11/20 PRS Report with a recommended effective date of upon ERCOT Board approval. There were six opposing votes from the Independent Generator (Luminant), IPM (3) (EDF Trading, Tenaska, Morgan Stanley), and Independent Retail Electric Provider (IREP) (2) (Direct Energy, Demand Control 2) Market Segments; and four abstentions from the Independent Generator (2) (ENGIE, Calpine), IPM (Shell), and IREP (Just Energy) Market Segments.
<b>ERCOT Opinion</b>	ERCOT supports approval of NPRR1055
<b>Effective Date/Priority</b>	December 9, 2020
<b>ERCOT Impact</b>	ERCOT will update its business processes
<b>Business Case Highlights</b>	On March 23, 2020, ERCOT issued a Market Notice stating that NPRR929 would be implemented on April 3, 2020, and directed impacted NOIEs to submit the required attestation by October 1, 2020, in order to be eligible for PTP Obligation with Links to an Option bid awards for 2021. Following the October 1, 2020, attestation deadline, ERCOT noticed that several potentially eligible NOIEs did not submit the required attestation by the deadline. Paragraph (3) of Section 4.4.6.3 precludes ERCOT from awarding PTP Obligation with Links to an Option bids to a NOIE that fails to submit a timely attestation. Such result can have a significant impact on NOIEs in cases where the failure to timely submit an attestation was inadvertent and without bad faith. This NPRR gives ERCOT the discretion in 2020 to accept late-filed attestations when ERCOT finds that there is good cause to accept the late filing, and doing so will not impede ERCOT's ability to update its systems for the upcoming year, which may consequently help prevent NOIEs from incurring undue harm resulting from inadvertent late filings; this particular discretion ends on January 1, 2021.



# Notice of Guide Revisions Approved by TAC

**SMOGRR023, Update to Nameplate Information Requirements.** This Settlement Metering Operating Guide Revision Request (SMOGRR) provides an option for certification of nameplates of newly installed or replaced instrument transformers by a professional engineer when nameplate photos cannot be physically accessed because the instrument transformers are installed inside other equipment apparatus, replaces a list of instrument transformer nameplate data requirements with a reference to the Institute of Electrical and Electronics Engineers (IEEE) standards, and deletes Section 7.5.6. [ERCOT]

**NOGRR220, Greybox Baseline Updates re NOGRR212.** This Nodal Operating Guide Revision Request (NOGRR) carries NOGRR212, Related to NPRR1016, Clarify Requirements for Distribution Generation Resources (DGRs) and Distribution Energy Storage Resources (DESRs), revisions into existing greyboxes. [ERCOT]