



Item 11: TAC Update

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2014 TAC Chair

Board of Directors Meeting
ERCOT Public
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Summary of TAC Update

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

- NPRR503, Removal of Language Related to NPRR219
- NPRR556, Resource Adequacy During Transmission Equipment Outage – URGENT
- NPRR563, Credit Lock Standards
- NPRR567, Stakeholder Review of Resource Registration Data Requirements
- NPRR569, Retail Clarification and Cleanup
- NPRR573, Alignment of PRC Calculation
- NPRR577, As-Built Clarification for Portion of WGR Group GREDP Evaluation
- NPRR580, Establishment of a Rolling CRR Balancing Account Fund
- NPRR581, Add Fast Responding Regulation Service as a Subset of Regulation Service
- NPRR591, As-Built Clarification and Corrections Related to NPRR568 and NPRR555 – URGENT
- SCR774, Enhancement to Outage Scheduler and Reports
- SCR777, Bilateral CRR Interface Enhancement
- SCR778, Exposure Calculations for NOIE Options Linked to RTM PTP Obligations
- PGRR032, Stakeholder Review of Resource Registration Data Requirements
- PGRR033, Dynamics Flat Start Cases Preparation

Summary of TAC Update – Regular Agenda Items

Revision Requests Recommended for Approval by TAC – With Opposing Votes (Vote):

- SCR775, Posting Results of Real-Time Data in a Display Format
- PGRR031, Implement 95% Facility Rating Limit in the Planning Criteria

January TAC Highlights

TAC Goals

Guide Revisions Approved by TAC

Revision Request Recommended for Approval by TAC

(with Opposing Votes)

SCR775, Posting Results of Real-Time Data in a Display Format

Purpose (ERCOT Steel Companies)	This SCR adds two new displays to the Day-Ahead and Real-Time data displays section under the Market Information tab on the ERCOT MIS: RTD Load Zone Forecasted Prices and RTD Hub Forecasted Prices. Each pricing display would automatically update with new revised prices on each execution of Real-Time data and delete the oldest data.
TAC Vote	On 1/28/14, TAC voted to recommend approval of SCR775. There was one opposing vote from the IOU Market Segment and five abstentions from the IPM, Generator, and IOU (3) Market Segments.
ERCOT Opinion	ERCOT supports approval of SCR775 as recommended by the market. The SCR775 User Interfaces will provide greater visual representation of data and additional transparency for Market Participants by providing new displays of Real-Time Indicative Pricing alongside the current LMP data for the ERCOT Hubs and Load Zones.
Effective Date/Priority	Upon System Implementation – Priority 2014; Rank 1100
ERCOT Impact	\$50k - \$75k; no impacts to ERCOT staffing; impacts to MIS, ERCOT.com, CDR, and Market Management System (MMS); no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.
Business Case Highlights	<ul style="list-style-type: none"> • Provides large energy consumers direct access to ERCOT price forecasts • Reduces energy costs to participate in voluntary Load response thereby providing another Resource adequacy tool to manage reliability.

PGRR031, Implement 95% Facility Rating Limit in the Planning Criteria

Purpose (PLWG)	This PGRR changes the planning criteria such that system improvements are planned when studies show Facilities will be loaded up to 95% of their applicable rating.
TAC Vote	On 12/3/13, TAC voted via roll call vote to recommend approval of PGRR031 as recommended by ROS in the 11/14/13 ROS Report. There were nine opposing votes from the Independent Generator (4), IPM (4) and IREP Market Segments and three abstentions from the IREP Market Segment.
ERCOT Opinion	ERCOT supports approval of PGRR031 as it establishes a reliability margin in transmission planning that will address gaps between operations and planning identified by the OPSTF.
Effective Date/Priority	March 1, 2014
ERCOT Impact	\$100k - \$125k (no project required); 0.1 FTE impact to the Planning department to be absorbed by existing staff; no impacts to ERCOT systems; ERCOT business functions will be updated; no impacts to ERCOT grid operations and practices.
Business Case Highlights	Builds a margin into planning to address the following issues that could lead to overloads in operations that were not observed in planning studies including: <ul style="list-style-type: none"> • Construction delays for projects planned to resolve a constraint that could lead to overloads in Real-Time until planned project is complete. • Severe weather that results in higher than anticipate temperatures and associated Load conditions. • Outdated planning analysis and inaccurate assumptions.

Additional TAC Items for Consideration

January TAC Highlights

Load Forecast Methodology for the Capacity, Demand, and Reserves (CDR) Report

- Stakeholders and ERCOT held two workshops that reviewed the preliminary Load forecast, associated mean absolute percentage error (MAPE) and ITRON's report
- Most believed ERCOT's Load forecast methodology was a reasonable approach and there was general support for ITRON recommendations
- Data requests have been made to ERCOT and additional analyses and history are needed to determine the statistical accuracy of the Load forecast
- Due to concerns on Load response's impact on the calculation of summer peak Demand forecast and the CDR, TAC requested a WMS task force to review the appropriate allocation on Demand response programs.
- Some concerns included that the neural network and some modeling techniques are newly developed and have not been implemented by any other ISOs

TAC Goals

1. Align TAC and Subcommittee Goals with the strategic vision of the ERCOT Board of Directors.
2. Maintain market rules that support ERCOT system reliability consistent with PURA, PUC, and NERC standards.
3. Implement any appropriate Resource Adequacy related market changes.
4. Explore market design enhancements.
5. Pursue the appropriate incorporation of load participation.
6. Pursue the appropriate incorporation of emerging technologies.
7. Implement Retail Market Enhancements including Sharyland Utilities' transition to competition.
8. Facilitate market enhancements necessary to leverage the capabilities of Advanced Metering Systems (AMS) in the retail market.
9. Improve settlement process to better accommodate changes in the ERCOT market design.
10. Collaborate with ERCOT on the review of ancillary service needs and implement changes as necessary.
11. Maintain market rules that support open access to ERCOT markets.
12. Work with ERCOT to develop Protocols and other market improvements that support increased data transparency and data availability to the market.
13. Work with ERCOT to ensure that appropriate credit and collateral rules exist or are created that support market changes.

Notice of Guide Revisions Approved by TAC

NOGRR109, Revisions to Definition of Credible Single Contingency for Operations Planning.

This NOGRR deletes the definition of Credible Single Contingency from the Operating Guides.

NOGRR110, Synchronization with NPRR529, Congestion Management Plan.

This NOGRR synchronizes the Nodal Operating Guide with NPRR529 and also moves language related to SPSs and RAPs to new Section 11; formalizes two existing CMPs, TOAPs and PCAPs; eliminates the distinction between Type I and Type II SPSs; and institutes a stakeholder comment process for RAPs that are proposed by Market Participants to provide for input from other Market Participants into ERCOT's approval process for these Market Participant-proposed RAPs.

NOGRR114, Synchronization with NPRR540, Clarification of Credible Single Contingency.

This NOGRR revises the use of Credible Single Contingency to align with actual practice and with NPRR540.

Notice of Guide Revisions Approved by TAC

NOGRR116, Synchronization with NPRR542, Clarification of the Use of Emergency Condition

This NOGRR clarifies the use of Emergency Condition and synchronizes the Nodal Operating Guides with NPRR542.

NOGRR123, Revisions to Misoperations Reporting Requirements.

This NOGRR clarifies the reporting requirements for misoperations to ERCOT and Texas RE.

ERCOT Impacts: <\$5k (O&M budget); changes to ERCOT.com

NOGRR125, Minimum Notice for Coordinated Reactive Testing.

This NOGRR changes the minimum advance notification for a coordinated reactive capability test of a Generation Resource from 48 hours prior, to 1700 the day prior to the day of the test.

VCMRR001, Submission of Fuel Costs.

This VCMRR revises the grey-boxed language that was added to the Verifiable Cost Manual following the approval of NPRR485, Clarification for Fuel Adder Provisions, modifies the types of fuel costs Resources may submit, and defines the timeline for the verifiable fuel cost process.

Notice of Guide Revisions Approved by TAC

RMGRR116, Updates to the Process for Acquisition Transfer Events.

This RMGRR updates and clarifies the process for an Acquisition Transfer event.

RMGRR118, Customer Chooses to Receive Non-Standard Metering Services

This RMGRR provides the business process for instances in which a Customer elects to receive Non-Standard Metering service.

RMGRR119, Texas SET Cleanup of the Retail Market Guide

This RMGRR removes a reference to the 814_22 transaction to correct an inaccurate transactional process, and provides for a better Customer experience by removing unnecessary additional signatures to the Continuous Service Agreement Statement.