

Date: April 7, 2015
To: ERCOT Board of Directors
From: Randa Stephenson, Technical Advisory Committee (TAC) Chair
Subject: Unopposed Nodal Protocol Revision Requests (NPRRs), Planning Guide Revision Request (PGRR) and Retail Market Guide Revision Request (RMGRR) Recommended by TAC for Approval

Issue for the ERCOT Board of Directors

ERCOT Board of Directors Meeting Date: April 14, 2015

Item No.: 2.1

Issue:

Consideration of the following Revision Requests recommended for approval by TAC (with no opposing votes recorded):

- NPRR642, Constraint Management During Energy Emergency Alerts;
- NPRR654, Discontinue Ancillary Service Requirement Methodology Assessment Report;
- NPRR655, Discontinue Contingency List Changes Due to Weather Report;
- NPRR657, Discontinue Backup Control Plan Submittal Results, Dispatch Instructions Compliance Metrics, and Backup Control Plan Test Dates and Results Summary Reports;
- NPRR661, Discontinue Posting Profile Data Evaluation Report;
- NPRR670, Clarification of Portfolio Weighted Auction Clearing Price (PWACP);
- NPRR671, Incorporation of DAM Credit Parameters into Protocols;
- NPRR672, Clarification of EMR and ONEMR Status;
- NPRR673, Correction to Estimated Aggregate Liability (EAL) for a QSE that Represents Neither Load nor Generation;
- NPRR676, Emergency Response Service (ERS) Offer Disclosure;
- NPRR677, Remove Outdated NERC Reference;
- NPRR678, Posting of Wind Peak Average Capacity Percentage Data;
- PGRR041, Revise and Add Requirements for NERC TPL-001-4 Standard; and
- RMGRR126, Additional ERCOT Validations for Customer Billing Contact Information File

Background/History:

Unless otherwise noted: (i) all Market Segments were present for each vote and (ii) ERCOT Credit Staff and the Credit Work Group (Credit WG) have reviewed the revision request and do not believe it requires changes to credit monitoring activity or the calculation of liability.

- ***NPRR642, Constraint Management During Energy Emergency Alerts [ERCOT]***
Revision Description: This Nodal Protocol Revision Request (NPRR) seeks to improve management of congestion during an Energy Emergency Alert (EEA) by proposing

language that provides a mechanism for ERCOT Operations to manage constraints in EEA 2 or 3 to higher Facility ratings when applicable for those constraints identified as limiting generation output; and language that reconsiders use of double-circuit contingencies during emergency operations based on ERCOT Transmission Grid conditions.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR642.

TAC Decision: On 3/26/15, TAC recommended approval of NPRR642 as recommended by PRS in the 12/11/14 PRS Report.

- ***NPRR654, Discontinue Ancillary Service Requirement Methodology Assessment Report [MISUG]***

Revision Description: This NPRR proposes the discontinuation of the posting requirement for the Ancillary Service Requirement Methodology Assessment Report, ERCOT Market Information List (EMIL) ID NP3-783-M.

Proposed Effective Date: Upon System Implementation.

ERCOT Impact Analysis: Less than \$5k (Operations & Maintenance (O&M)); no impacts to ERCOT staffing; impacts to Market Information System (MIS); ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR654 as it removes a non-essential posting requirement.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR654 as recommended by PRS in the 2/12/15 PRS Report.

- ***NPRR655, Discontinue Contingency List Changes Due to Weather Report [MISUG]***

Revision Description: This NPRR proposes the discontinuation of the posting requirement for the Contingency List Changes Due to Weather Report, EMIL ID ZP4-724-M.

Proposed Effective Date: Upon System Implementation.

ERCOT Impact Analysis: Less than \$5k (O&M); no impacts to ERCOT staffing; impacts to MIS; ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR655 as it removes a non-essential posting requirement.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR655 as recommended by PRS in the 2/12/15 PRS Report.

- ***NPRR657, Discontinue Backup Control Plan Submittal Results, Dispatch Instructions Compliance Metrics, and Backup Control Plan Test Dates and Results Summary Reports [MISUG]***

Revision Description: This NPRR proposes the discontinuation of the posting requirement for Discontinue Backup Control Plan Submittal Results, Dispatch Instructions Compliance Metrics, EMIL ID NP8-510M and Backup Control Plan Test Dates and Results Summary

Reports, EMIL ID NP8-922-M.

Proposed Effective Date: Upon System Implementation.

ERCOT Impact Analysis: Less than \$5k (O&M); no impacts to ERCOT staffing; impacts to MIS; ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR657 as it removes a non-essential posting requirement.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR657 as recommended by PRS in the 2/12/15 PRS Report.

- ***NPRR661, Discontinue Posting Profile Data Evaluation Report [MISUG]***

Revision Description: This NPRR proposes the discontinuation of the posting requirement for the Profile Data Evaluation Report, EMIL ID ZP18-432-M. This information will be available via ad hoc request to ERCOT.

Proposed Effective Date: Upon System Implementation of Load Profiling Guide Revision Request (LPGRR) 054, Alignment with NPRR661, Discontinue Posting Profile Data Evaluation Report.

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices. (Impacts captured in LPGRR054.)

ERCOT Opinion: ERCOT supports approval of NPRR661 as it removes a non-essential posting requirement.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR661 as recommended by PRS in the 2/12/15 PRS Report.

- ***NPRR670, Clarification of Portfolio Weighted Auction Clearing Price (PWACP) [ERCOT]***

Revision Description: This NPRR provides additional clarifications to Effective Auction Clearing Price and PWACP calculations related to Point-to-Point (PTP) Obligations collateralization.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR670.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of NPRR670 as recommended by PRS in the 3/12/15 PRS Report.

- ***NPRR671, Incorporation of DAM Credit Parameters into Protocols [ERCOT]***

Revision Description: This NPRR incorporates into the Protocols the Other Binding Documents “Procedures for Setting Nodal Day Ahead Market (DAM) Credit Requirement Parameters” and “Credit Formulas and Detail Whitepaper for the Day-Ahead Market”; removes the requirement for annual review of DAM credit parameters while adding change control processes for these parameters consistent with change control processes for other

credit parameters; removes some of the ERCOT discretion associated with validation performance concerns and “significant” bid changes; and simplifies the explanation of the PTP Obligation bid discount.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR671.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of NPRR671 as recommended by PRS in the 3/12/15 PRS Report.

- ***NPRR672, Clarification of EMR and ONEMR Status [Morgan Stanley]***

Revision Description: This NPRR clarifies the conditions whereby a Resource may utilize the ONEMR or EMR Current Operating Plan (COP) status.

Proposed Effective Date: June 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR672 as it clarifies the use of both the EMR and ONEMR Resource Statuses.

TAC Decision: On 3/26/15, TAC voted to recommend approval of NPRR672 as recommended by PRS in the 3/12/15 PRS Report with an effective date of June 1, 2015.

There were two abstentions from the Investor Owned Utility (IOU) (Luminant Energy) and Independent Retail Electric Provider (IREP) (Direct Energy) Market Segments.

- ***NPRR673, Correction to Estimated Aggregate Liability (EAL) for a QSE that Represents Neither Load nor Generation [ERCOT]***

Revision Description: This NPRR corrects Protocol language introduced by NPRR620, Collateral Requirements for Counter-Parties with No Load or Generation, relating to Qualified Scheduling Entities (QSEs) representing neither Load nor Generation.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR673.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of NPRR673 as recommended by PRS in the 3/12/15 PRS Report.

- ***NPRR676, Emergency Response Service (ERS) Offer Disclosure [TXU Energy]***

Revision Description: This NPRR requires ERCOT to post ERS offer data once per auction after the 60-day confidentiality period expires. Note that ERCOT is currently providing this information on an as-requested basis.

Proposed Effective Date: Upon System Implementation.

ERCOT Impact Analysis: Less than \$5k (O&M); no impacts to ERCOT staffing; impacts

to MIS; ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR676 as it improves data transparency and access.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR676 as recommended by PRS in the 2/12/15 PRS Report and as amended by the 2/26/15 ERCOT comments.

- ***NPRR677, Remove Outdated NERC Reference [ERCOT]***

Revision Description: This NPRR removes outdated language from this section that references back to North American Electric Reliability Corporation (NERC) information that no longer exists.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR677.

TAC Decision: On 2/26/15, TAC unanimously voted to recommend approval of NPRR677 as recommended by PRS in the 2/12/15 PRS Report.

- ***NPRR678, Posting of Wind Peak Average Capacity Percentage Data [ERCOT]***

Revision Description: This NPRR requires information used to calculate Wind Peak Average Capacity Percentages to be posted on the ERCOT website.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of NPRR678.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of NPRR678 as recommended by PRS in the 3/12/15 PRS Report.

- ***PGRR041, Revise and Add Requirements for NERC TPL-001-4 Standard [ERCOT]***

Revision Description: This Planning Guide Revision Request (PGRR) revises and adds requirements to satisfy the NERC Standard TPL-001-4, Transmission Planning Performance Requirement.

Proposed Effective Date: May 1, 2015

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of PGRR041.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of PGRR041 as recommended by the Reliability and Operations Subcommittee (ROS) in the 3/12/15 ROS Report.

- ***RMGRR126, Additional ERCOT Validations for Customer Billing Contact Information File [Texas SET Working Group]***

Revision Description: This Retail Market Guide Revision Request (RMGRR) requires ERCOT to validate that the submitting Competitive Retailer's (CR's) Data Universal Numbering System Number (DUNS #) and the Electric Service Identifiers (ESI IDs) provided in the Customer Billing Contact Information file are valid in the ERCOT registration system.

Proposed Effective Date: Upon System Implementation – Priority 2015; Rank 1290

ERCOT Impact Analysis: \$35k - \$55k; no impacts to ERCOT staffing; impacts to Enterprise Information Services, PaperFree, and Enterprise Integration; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

ERCOT Opinion: ERCOT supports approval of RMGRR126 to reduce the risk of invalid ESI ID information in the Customer Billing Contact Information file.

TAC Decision: On 3/26/15, TAC unanimously voted to recommend approval of RMGRR126 as recommended by the Retail Market Subcommittee (RMS) in the 3/3/15 RMS Report.

The TAC Reports and Impact Analyses for these Revision Requests are included in the ERCOT Board meeting materials which can found at the following link:

<http://www.ercot.com/calendar/2015/4/14/31925-BOARD>

In addition, these Revision Requests and supporting materials are posted on the ERCOT website at the following links:

<http://www.ercot.com/mktrules/nprotocols/npr>

<http://www.ercot.com/mktrules/issues/pgrr>

<http://www.ercot.com/mktrules/issues/rmgrr>

Key Factors Influencing Issue:

The PRS met, discussed the issues, and submitted reports to TAC regarding NPRRs 642, 654, 655, 657, 661, 670, 671, 672, 673, 676, 677, and 678.

The ROS met, discussed the issues, and submitted a report to TAC regarding PGRR041.

The RMS met, discussed the issues, and submitted a report to RMS regarding RMGRR126.

TAC considered the issues and voted to take action regarding NPRRs 642, 654, 655, 657, 661, 670, 671, 672, 673, 676, 677, and 678; PGRR041; and RMGRR126.

Conclusion/Recommendation:

As more specifically described above, TAC recommends that the ERCOT Board approve NPRRs 642, 654, 655, 657, 661, 670, 671, 672, 673, 676, 677, and 678; PGRR041; and RMGRR126.

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.
BOARD OF DIRECTORS RESOLUTION

WHEREAS, the Electric Reliability Council of Texas, Inc. (ERCOT) Board of Directors (Board) deems it desirable and in ERCOT's best interest to approve the following Nodal Protocol Revision Requests (NPRRs), Planning Guide Revision Request (PGRR), and Retail Market Guide Revision Request (RMGRR):

- NPRR642, Constraint Management During Energy Emergency Alerts;
- NPRR654, Discontinue Ancillary Service Requirement Methodology Assessment Report;
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- PGRR041, Revise and Add Requirements for NERC TPL-001-4 Standard; and
- RMGRR126, Additional ERCOT Validations for Customer Billing Contact Information File

THEREFORE be it RESOLVED, that the ERCOT Board hereby approves NPRRs 642, 654, 655, 657, 661, 670, 671, 672, 673, 676, 677, and 678; PGRR041; and RMGRR126.

CORPORATE SECRETARY'S CERTIFICATE

I, Vickie G. Leady, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its April 14, 2015 meeting, the ERCOT Board passed a motion approving the above Resolution by _____.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of April, 2015.

Vickie G. Leady
Assistant Corporate Secretary