

Date: February 14, 2011
To: ERCOT Board of Directors
From: Kenan Ogelman, Technical Advisory Committee (TAC) Chair
Subject: Unopposed Revision Requests

Issue for the ERCOT Board of Directors

ERCOT Board of Directors (ERCOT Board) Meeting Date: February 21, 2012

Agenda Item No.: 10

Issue:

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

- NPRR407, Credit Monitoring Posting Requirements (formerly “Credit Monitoring Credit Parameters Posting Requirements”)
- NPRR408, Clarification of ERCOT Authority to Deny Energization of Non-Compliant Generators
- NPRR422, Public DAM Shift Factors
- NPRR423, Add Voltage Support Requirement for IRRs and Allow SCADA Control of Static VAr Devices if Approved by ERCOT (formerly “Add Voltage Support Requirement for IRRs and Allow Manual Control of Static VAr Devices if Approved by ERCOT”)
- NPRR437, Allow Aggregation of Multiple Generators Into A Single Resource For Market and Engineering Modeling – URGENT
- PGRRR008, New Planning Guide Section 5 – Generation Resource Interconnection or Change Request (formerly “New Planning Guide Section 4 – Generation Resource Interconnection”)

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.

Nodal Protocol Revision Requests (NPRRs):

- ***NPRR407, Credit Monitoring Posting Requirements (formerly “Credit Monitoring Credit Parameters Posting Requirements”) [Tenaska].***

Proposed Effective Date: Upon System Implementation – Priority 2012; Rank 590

ERCOT Impact Analysis: \$120k - \$130k; no impacts to ERCOT staffing; system impacts to Market Management System (MMS), Congestion Revenue Rights (CRR), Current Day Reports (CDR), Market Information System (MIS), and Information Systems Master (ISM); no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

Revision Description: This NPRR adds requirements for ERCOT to post to the MIS Certified Area, the parameters used to calculate Market Participants’ Available Credit

Limits (ACLs) used in multiple market processes.

TAC Decision: On 1/5/12, TAC unanimously voted to recommend approval of NPRR407 as recommended by PRS in the 12/15/11 PRS Report. *Positive credit implications.*

- ***NPRR408, Clarification of ERCOT Authority to Deny Synchronization of Non-Compliant Generators (formerly “Clarification of ERCOT Authority to Deny Energization of Non-Compliant Generators”) [ERCOT].***

Proposed Effective Date: March 1, 2012

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

Revision Description: This NPRR clarifies ERCOT’s authority to deny energization of a new or materially changed All-Inclusive Generation Resource if ERCOT determines the Resource Entity cannot demonstrate that the Resource would be able to comply with technical standards in the Protocols, the Planning Guide, the Nodal Operating Guides, and Other Binding Documents.

TAC Decision: On 1/5/12, TAC unanimously voted to recommend approval of NPRR408 as recommended by PRS in the 11/17/11 PRS Report.

- ***NPRR422, Public DAM Shift Factors [MIS User Group (MISUG)].***

Proposed Effective Date: Upon System Implementation – Priority 2012; Rank 600

ERCOT Impact Analysis: \$20k - \$25k; no impacts to ERCOT staffing; system impacts to MMS and CDR; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

Revision Description: This NPRR creates a new report to provide Day-Ahead Shift Factors on the MIS Public Area.

TAC Decision: On 1/5/12, TAC unanimously voted to recommend approval of NPRR422 as recommended by PRS in the 12/15/11 PRS Report.

- ***NPRR423, Add Voltage Support Requirement for IRRs and Allow SCADA Control of Static VAr Devices if Approved by ERCOT (formerly “Add Voltage Support Requirement for IRRs and Allow Manual Control of Static VAr Devices if Approved by ERCOT”) [ERCOT].***

Proposed Effective Date: March 1, 2012

ERCOT Impact Analysis: No budgetary impacts; 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.

Revision Description: This NPRR includes Intermittent Renewable Resources (IRRs) in the voltage requirement and clarifies the reactive requirement to be the same as Wind-powered Generation Resources (WGRs); and also proposes that switchable static Volt-Ampere reactive (VAr) devices can be Supervisory Control and Data Acquisition (SCADA) controlled if approved by ERCOT.

TAC Decision: On 1/5/12, TAC unanimously voted to recommend approval of NPRR423 as recommended by PRS in the 12/15/11 PRS Report.

- ***NPRR437, Allow Aggregation of Multiple Generators Into A Single Resource For Market***

and Engineering Modeling [ERCOT].

Proposed Effective Date: March 1, 2012

ERCOT Impact Analysis (preliminary): \$60k - \$80k; no impacts to ERCOT staffing; impacts to Resource Asset Registration (RARF), Energy Management System (EMS), Network Model Management System (NMMS), Settlements and Billing (S&B), and Commercial Systems Integration (CSI); business process impacts to ERCOT S&B to perform manual workaround until an automated solution is implemented; no impacts to grid operations and practices.

Revision Description: This NPRR will allow aggregation of similar qualified non-wind-powered generators into an Aggregate Generation Resource (AGR) for market and engineering modeling purposes.

TAC Decision: On 2/2/12, TAC voted to recommend approval of NPRR437 as recommended by PRS in the 1/30/12 PRS Report and as amended by the 2/1/12 ERCOT comments. There was one abstention from the Independent Power Marketer (IPM) Market Segment.

Planning Guide Revision Request (PGRR):

- ***PGRR008, New Planning Guide Section 5 – Generation Resource Interconnection or Change Request (formerly “New Planning Guide Section 4 – Generation Resource Interconnection”)*** [ERCOT].

Proposed Effective Date: March 1, 2012

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

Revision Description: This PGRR adds new Section 5. The majority of the language contained in this PGRR comes from the existing ERCOT Generation Interconnection or Change Request Procedure.

TAC Decision: On 1/5/12, TAC unanimously voted to recommend approval of PGRR008 as recommended by ROS in the 10/13/11 ROS Report and as revised by the 12/22/11 Oncor Electric Delivery comments.

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/2012/02/20120221-BOD>

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/001-025/008/index>

Key Factors Influencing Issue:

The PRS met, discussed the issues, and submitted reports to TAC regarding NPRRs 407, 408, 422, 423, 437, and PGRR008 described herein. TAC considered the issues and voted to take action on NPRRs 407, 408, 422, 423, 437 and PGRR008 as described above.

Conclusion/Recommendation:

As more specifically described above, TAC recommends that the ERCOT Board approve NPRRs 407, 408, 422, 423, 437 and/or PGRR008 as described herein.

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 Revision Requests:

- NPRR407, Credit Monitoring Posting Requirements (formerly "Credit Monitoring Credit Parameters Posting Requirements")
- NPRR408, Clarification of ERCOT Authority to Deny Energization of Non-Compliant Generators
- NPRR422, Public DAM Shift Factors
- NPRR423, Add Voltage Support Requirement for IRRs and Allow SCADA Control of Static VAR Devices if Approved by ERCOT (formerly "Add Voltage Support Requirement for IRRs and Allow Manual Control of Static VAR Devices if Approved by ERCOT")
- NPRR437, Allow Aggregation of Multiple Generators Into A Single Resource For Market and Engineering Modeling – URGENT
- PGRRR008, New Planning Guide Section 5 – Generation Resource Interconnection or Change Request (formerly "New Planning Guide Section 4 – Generation Resource Interconnection")

THEREFORE be it RESOLVED, that the ERCOT Board hereby approves NPRRs 407, 408, 422, 423, and 437 and PGRR008.

CORPORATE SECRETARY'S CERTIFICATE

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

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of February, 2012.

Vickie G. Leady
Assistant Corporate Secretary