

**Date:** May 8, 2012  
**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:** May 15, 2012

**Agenda Item No.:** 02

**Issue:**

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

- NPRR412, Quick Start Generation Resource Compliance Metric Adjustments
- NPRR439, Updating a Counter-Party's Available Credit Limit for Current Day DAM
- NPRR441, Revision of Dynamic Rating Recommendation Posting Timeline
- NPRR442, Energy Offer Curve Requirement for Generation Resources Providing Reliability Must-Run Service - URGENT
- SCR770, Revision to Outage Scheduler Entry for Resource Maintenance Outage Level Designation
- SCR771, ERCOT System Change Allowing Independent Master QSE to Represent Split Generation Resources
- PGRR015, New Section 3, Regional Planning
- PGRR016, Planning Reserve Margin Review
- NOGRR084, Daily Grid Operations Summary Report

**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):**

- ***NPRR412, Quick Start Generation Resource Compliance Metric Adjustments [STEC].***  
**Revision Description:** This NPRR clarifies the requirements regarding the performance criteria of a Quick Start Generation Resource (QSGR).  
**Proposed Effective Date:** June 1, 2012  
**ERCOT Impact Analysis:** No budgetary impact; no impacts to ERCOT staffing; no impact to ERCOT computer systems; ERCOT business functions will be updated; no impacts to ERCOT grid operations and practices.  
**ERCOT Opinion:** ERCOT supports approval of NPRR412 as it agrees that zero Base Point instructions that are issued after the QGSR has received a non-zero Base Point should be included in the performance evaluation.  
**TAC Decision:** On 4/5/12, TAC unanimously voted to recommended approval of NPRR412 as recommended by PRS in the 3/22/12 PRS Report.

- ***NPRR439, Updating a Counter-Party's Available Credit Limit for Current Day DAM [ERCOT].***  
**Revision Description:** This NPRR will provide flexibility for Counter-Parties to increase the credit limit available for the Day-Ahead Market (DAM) on the day the DAM is running by posting additional Financial Security under certain circumstances after ERCOT has already set a daily credit limit.  
**Proposed Effective Date:** Upon System Implementation – Priority 2012; Rank 690  
**ERCOT Impact Analysis:** \$125k - \$135k; ERCOT staffing impacts absorbed by current staff; impacts to Market Management System (MMS), Credit Management Module (CMM), and Information Systems Master (ISM); ERCOT business functions will be updated; no impacts to ERCOT grid operations and practices.  
**ERCOT Opinion:** ERCOT supports the approval of NPRR439.  
**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of NPRR439 as recommended by PRS in the 3/22/12 PRS Report. *Positive Credit Implications.*
- ***NPRR441, Revision of Dynamic Rating Recommendation Posting Timeline [ERCOT].***  
**Revision Description:** This NPRR will allow the frequency of posting the list of transmission lines recommended for Dynamic Ratings from semi-annual to annual.  
**Proposed Effective Date:** June 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.  
**ERCOT Opinion:** ERCOT supports the approval of NPRR441.  
**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of NPRR441 as recommended by PRS in the 3/22/12 PRS Report.
- ***NPRR442, Energy Offer Curve Requirement for Generation Resources Providing Reliability Must-Run Service [Morgan Stanley] - URGENT.***  
**Revision Description:** This NPRR adds requirements for a Reliability Must-Run (RMR) Unit's Energy Offer Curve to be set at the System-Wide Offer Cap (SWCAP) for Generation Resources providing RMR Service; and for ERCOT to construct a Mitigated Offer Cap curve for Resources contracted for capacity, such that those Resources are not mitigated in Security-Constrained Economic Dispatch (SCED) and hence will be Dispatched for local constraints only if the prices are higher than or equal to SWCAP.  
**Proposed Effective Date:** Upon System Implementation – Priority 2013; Rank 720  
**ERCOT Impact Analysis:** \$35k - \$40k; no impacts to ERCOT staffing; impacts to MMS; ERCOT will update business functions; no impacts to ERCOT grid operations and practices.  
**ERCOT Opinion:** ERCOT supports approval of NPRR442 as it addresses concerns raised by PUCT regarding resource adequacy and shortage pricing.  
**TAC Decision:** On 5/3/12, TAC voted via email vote to recommend approval of NPRR442 as recommended by PRS in the 4/19/12 PRS Report. There were two abstentions from the Consumer Market Segment.

System Change Requests (SCRs):

- **SCR770, Revision to Outage Scheduler Entry for Resource Maintenance Outage Level Designation [Luminant Energy].**

**Revision Description:** This SCR will make a change to the Outage Scheduler system so that the Qualified Scheduling Entity (QSE) is able to schedule Level I, II and III Maintenance Outages in a way that coincides with the definition of these Maintenance Outages shown in Protocol Section 2.1.

**Proposed Effective Date:** Upon System Implementation – Priority 2013; Rank 700

**ERCOT Impact Analysis:** \$90k - \$105k; no impacts to ERCOT staffing; impacts to the Outage Scheduler; no impacts to ERCOT business functions; ERCOT will update operator training procedures and conduct training for operators.

**ERCOT Opinion:** ERCOT supports the concept as it provides an automated solution to provide ERCOT with additional information for outage coordination. However, since there is an existing workaround and given the limited funding available for projects, ERCOT recommends a priority of 2013 or later. If the opportunity arises, ERCOT could bundle this with related changes to reduce the cost to implement.

**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of SCR770 as recommended by PRS in the 3/22/12 PRS Report. *Credit review is not applicable.*

- **SCR771, ERCOT System Change Allowing Independent Master QSE to Represent Split Generation Resources [Sandy Creek].**

**Revision Description:** This SCR modifies ERCOT systems to allow owners of Split Generation Resources to contract for service with an independent Master QSE.

**Proposed Effective Date:** Upon System Implementation – Priority 2012; Rank 679

**ERCOT Impact Analysis:** \$100k - \$110k; no impacts to ERCOT staffing; impacts to Energy Management System (EMS), Network Model Management System (NMMS), and Registration Integration; ERCOT Nodal ICCP Communication Handbook will be updated; ERCOT will update operator training procedures and conduct training for operators.

**ERCOT Opinion:** ERCOT supports SCR771 as it provides a quality improvement to control room operator displays to be able to quickly identify the Master QSE and would possibly allow for quicker communication to the Master QSE. However, given the limited funding available for projects, ERCOT recommends a priority of 2013 or later. If the opportunity arises, ERCOT could bundle this with related changes to reduce the cost to implement.

**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of SCR771 as recommended by PRS in the 3/22/12 PRS Report. *Credit review is not applicable.*

Planning Guide Revision Requests (PGRRs):

- **PGRR015, New Section 3, Regional Planning [PLWG].**

**Revision Description:** This PGRR adds certain provisions of the Regional Planning Group Charter and Procedures (RPG Charter), approved by the ERCOT Board in January 2009, to the Planning Guide without changing requirements or process.

**Proposed Effective Date:** June 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.

**ERCOT Opinion:** ERCOT supports approval of PGRR015 as it promotes transparency of planning processes.

**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of PGRR015 as recommended by ROS in the 3/8/12 ROS Report. *Credit review is not applicable.*

- ***PGRR016, Planning Reserve Margin Review [PLWG].***

**Revision Description:** This PGRR adds language inadvertently omitted when planning requirements were moved from the Operating Guide Section 5, Network Operations Modeling Requirements, to the Planning Guide.

**Proposed Effective Date:** June 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.

**ERCOT Opinion:** ERCOT supports approval of PGRR016 as it replaces a review requirement that was inadvertently deleted via another revision request.

**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of PGRR016 as recommended by ROS in the 3/8/12 ROS Report. *Credit review is not applicable.*

Nodal Operating Guide Revision Requests (NOGRRs):

- ***NOGRR084, Daily Grid Operations Summary Report [MISUG].***

**Revision Description:** This NOGRR creates a summary level report of daily operational information to be posted on the Market Information System (MIS) Public Area.

**Proposed Effective Date:** Upon System Implementation – Priority 2012; Rank 680

**ERCOT Impact Analysis:** \$300k - \$500k; ERCOT staffing impacts absorbed by existing staff; impacts to MMS, EMS, ISM, MIS, and ERCOT.com; ERCOT will update business functions; ERCOT will update control room procedures.

**ERCOT Opinion:** ERCOT supports NOGRR084 as it provides ease of use for ERCOT posted data for Market Participants, although granular data sets are posted more frequently. However, given the limited funding available for projects, ERCOT recommends a priority of 2013 or later.

**TAC Decision:** On 4/5/12, TAC unanimously voted to recommend approval of NOGRR084 as recommended by ROS in the 3/8/12 ROS Report. *Credit review is not applicable.*

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/2012/05/20120515-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/syschangereq/scrs>

<http://www.ercot.com/mktrules/guides/planning/pgrr>

<http://www.ercot.com/mktrules/guides/noperating/nogrr>

**Key Factors Influencing Issue:**

The PRS met, discussed the issues, and submitted reports to TAC regarding NPRRs 412, 439, 441, 442; and SCRs 770 and 771 described herein.

The ROS met, discussed the issues, and submitted reports to TAC regarding PGRRs 015, 016; and NOGRR084 described herein.

TAC considered the issues and voted to take action on NPRRs 412, 439, 441, 442; SCRs 770, 771; PGRRs 015, 016; and NOGRR084 as described above.

**Conclusion/Recommendation:**

As more specifically described above, TAC recommends that the ERCOT Board approve NPRRs 412, 439, 441, 442; SCRs 770, 771; PGRRs 015, 016; and/or NOGRR084 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:

- NPRR412, Quick Start Generation Resource Compliance Metric Adjustments
- NPRR439, Updating a Counter-Party's Available Credit Limit for Current Day DAM
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- PGRR016, Planning Reserve Margin Review
- NOGRR084, Daily Grid Operations Summary Report

THEREFORE be it RESOLVED, that the ERCOT Board hereby approves NPRRs 412, 439, 441, 442; SCRs 770, 771; PGRRs 015, 016; and NOGRR084.

**CORPORATE SECRETARY'S CERTIFICATE**

I, Vickie G. Leady, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its May 15, 2012 meeting, the ERCOT Board passed a motion approving the above Resolution by \_\_\_\_\_.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_ day of May, 2012.

\_\_\_\_\_  
Vickie G. Leady  
Assistant Corporate Secretary