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| **Date:** | October 15, 2021 |
| **To:** | Board of Directors |
| **From:** | Clif Lange, Technical Advisory Committee (TAC) Chair |
| **Subject:** | Unopposed Revision Requests Recommended by TAC for Approval |

## Issue for the ERCOT Board of Directors

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| **ERCOT Board of Directors Meeting Date:** October 22, 2021  **Item No.:** 3.1 |

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| **Issue:**Consideration of the following Revision Requests (Planning Guide Revision Requests (PGRRs), Resource Registration Glossary Revision Request (RRGRR) and System Change Requests (SCRs)) recommended for approval by TAC (with no opposing votes recorded):  * PGRR093, Replace Inadvertent Deletions in Section 5; * PGRR094, Clarify Notification Requirement for Generator Construction Commencement or Completion; * RRGRR031, Related to NPRR995, RTF-6 Create Definition and Terms for Settlement Only Energy Storage; * SCR813, NMMS Jointly-Rated Equipment Coordination Confirmation; and * SCR814, Point-to-Point (PTP) Obligation Bid Interval Limit. |
| **Background/History:** **Unless otherwise noted: (i) all Market Segments participated in each vote; (ii) For NPRRs, ERCOT Credit Staff and the Credit Work Group (Credit WG) have reviewed the NPRR and do not believe it requires changes to credit monitoring activity or the calculation of liability; and (iii) ERCOT supports the revision request.**   * ***PGRR093, Replace Inadvertent Deletions in Section 5 [ERCOT]***   **Proposed Effective Date:** Upon system implementation of PGRR082, Revise Section 5 and Establish Small Generation Interconnection Process  **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. (There are no additional impacts to this PGRR beyond what was captured in the Impact Analysis for PGRR082.)  **Revision Description**: This PGRR reinserts three requirements into the grey box language for PGRR082 that were inadvertently removed in the revisions made by PGRR082. These three requirements are necessary to facilitate ERCOT transmission planning and Resource adequacy studies.  **TAC Decision:** On 9/29/21, TAC unanimously voted via roll call to recommend approval of PGRR093 as recommended by ROS in the 9/2/21 ROS Report.  **ERCOT Market Impact Statement:** ERCOT Staff has reviewed PGRR093 and believes the market impact for PGRR093 provides accurate and timely accounting of all Resources that have met certain requirements and facilitates ERCOT transmission planning and Resource adequacy studies.   * ***PGRR094, Clarify Notification Requirement for Generator Construction Commencement or Completion [ERCOT]***   **Proposed Effective Date:** Upon system implementation – Priority 2022; Rank 3540  **ERCOT Impact Analysis:** Between$10k - $20k; no impacts to ERCOT staffing; impacts to Resource Integration and Ongoing Operations (RIOO); no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices. (Implementation of this PGRR is expected to take place after the completion of the in-flight RIOO project.)  **Revision Description:** This PGRR aligns Section 5.3.2 with current practices by grey-boxing item (7)(c), which requires submission of project construction start and completion dates, until system implementation in the RIOO – Integration Services system.  **TAC Decision:** On 9/29/21, TAC unanimously voted via roll call to recommend approval of PGRR094 as recommended by ROS in the 9/2/21 ROS Report; and the Revised Impact Analysis.  **ERCOT Market Impact Statement:** ERCOT Staff has reviewed PGRR094 and believes the market impact for PGRR094 improves efficiency by aligning the Planning Guide with current practices and removes a potential source of confusion regarding when and how to submit data required for the generator interconnection process.   * ***RRGRR031, Related to NPRR995, RTF-6 Create Definition and Terms for Settlement Only Energy Storage [ERCOT]***   **Proposed Effective Date:** Upon system implementation of NPRR995  **ERCOT Impact Analysis:** No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices. (There are no additional impacts to this RRGRR beyond what was captured in the Impact Analysis for NPRR995.)  **Revision Description:** This RRGRR amends the Resource Registration Glossary to accommodate registration of Settlement Only Energy Storage Systems (SOESSs), proposing to require the same level of registration detail for an SOESS that is required for Energy Storage Resources (ESRs) under RRGRR023, Related to NPRR1002, BESTF-5 Energy Storage Resource Single Model Registration and Charging Restrictions in Emergency Conditions. This RRGRR should be implemented simultaneously with NPRR995.  **TAC Decision:** On 8/27/21, TAC unanimously voted via roll call to recommend approval of RRGRR031 as recommended by ROS in the 8/5/21 ROS Report.  **ERCOT Market Impact Statement:** ERCOT Staff has reviewed RRGRR031 and believes the market impact for RRGRR031, along with NPRR995, clarifies the registration and treatment of SOESSs.   * ***SCR813, NMMS Jointly-Rated Equipment Coordination Confirmation [ERCOT]***   **Proposed Effective Date:** Upon system implementation – Priority 2022; 3510  **ERCOT Impact Analysis:** Between $100k - $150k; no impacts to ERCOT Staffing; impacts to Network Model Management System (NMMS); no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices.  **Revision Description:** This SCR modifies the NMMS to highlight change submissions related to jointly-rated equipment. NMMS will display the jointly-rated equipment to the submitter and list other Entities which have also provided ratings. The submitter will be asked to confirm that the requested changes have been coordinated with the associated companies. Additional changes are requested to improve automated email notifications of these model changes.  **TAC Decision:** On 8/27/21, TAC unanimously voted via roll call to recommend approval of SCR813 as recommended by PRS in the 8/12/21 PRS Report.  **ERCOT Market Impact Statement:** ERCOT Staff has reviewed SCR813 and believes the market impact for SCR813 improves situational awareness regarding jointly-rated equipment and helps earlier mitigate data inconsistencies.   * ***SCR814, Point-to-Point (PTP) Obligation Bid Interval Limit [ERCOT]***   **Proposed Effective Date:** Upon system implementation – Priority 2021; Rank 3350  **ERCOT Impact Analysis:** Between $10k - $25k; no impacts to ERCOT staffing; impacts to Market Operations Systems; no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices.  **Revision Description:** This SCR introduces a limit on the total number of Point-to-Point (PTP) Obligation bid intervals that can be submitted into the Day-Ahead Market (DAM) per Counter-Party.  **TAC Decision:** On 8/27/21, TAC voted via roll call to recommend approval of SCR814 as recommended by PRS in the 8/12/21 PRS Report. There were two abstentions from the Independent Generator (Luminant, Calpine) Market Segment.  **ERCOT Market Impact Statement:** ERCOT Staff has reviewed SCR814 and believes that SCR814 will reduce PTP bid interval limits by placing a maximum limit per Counter-Party per Operating Day, thereby reducing the risk of DAM aborts due to disproportionate PTP submission increases by Qualified Scheduling Entities (QSEs).    The TAC Reports and Impact Analyses for these Revision Requests are included in the [ERCOT Board meeting materials](http://www.ercot.com/calendar/2021/10/22/239765-BOARD).  In addition, these Revision Requests ([PGRR](http://www.ercot.com/mktrules/issues/pgrr)s, [RRGRR](http://www.ercot.com/mktrules/issues/rrgrr), and [SCR](http://www.ercot.com/mktrules/issues/scr)s) and supporting materials are posted on the ERCOT website. |
| **Key Factors Influencing Issue:** The PRS met, via Webex, discussed the issues, and submitted reports to TAC regarding SCRs 813 and SCR814.  The ROS met, via Webex, discussed the issues, and submitted a report to TAC regarding PGRRs 093 and 094; and RRGRR031. |
| **Conclusion/Recommendation:** As more specifically described above, TAC recommends that the ERCOT Board recommend approval of PGRRs 093 and 094; RRGRR031; and SCRs 813 and 814. |

**ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.**

**BOARD OF DIRECTORS RESOLUTION**

WHEREAS, after due consideration of the alternatives, the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) deems it desirable and in the best interest of ERCOT to recommend approval of the following Planning Guide Revision Requests (PGRRs), Resource Registration Glossary Revision Request (RRGRR) and System Change Requests (SCRs) recommended for approval by TAC:

* PGRR093, Replace Inadvertent Deletions in Section 5;
* PGRR094, Clarify Notification Requirement for Generator Construction Commencement or Completion;
* RRGRR031, Related to NPRR995, RTF-6 Create Definition and Terms for Settlement Only Energy Storage;
* SCR813, NMMS Jointly-Rated Equipment Coordination Confirmation; and
* SCR814, Point-to-Point (PTP) Obligation Bid Interval Limit.

THEREFORE, BE IT RESOLVED, that the ERCOT Board hereby recommends approval of PGRRs 093 and 094; RRGRR031; and SCRs 813 and 814.

**CORPORATE SECRETARY’S CERTIFICATE**

I, Jonathan Levine, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its October 22, 2021 meeting, the Board passed a motion approving the above Resolution by \_\_\_\_\_\_.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of October 2021.

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Jonathan Levine

Assistant Corporate Secretary