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| **Date:** | May 31, 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:** June 7-8, 2021  **Item No.:** 5.1 |

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| **Issue:**Consideration of the following Revision Requests (Nodal Protocol Revision Requests (NPRRs), Load Profiling Guide Revision Request (LPGRR), Nodal Operating Guide Revision Request (NOGRR), Planning Guide Revision Request (PGRR), and Retail Market Guide Revision Request (RMGRR)) recommended for approval by TAC (with no opposing votes recorded):  * NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols; * NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report; * NPRR1064, Identification of Chronic Congestion; * NPRR1071, Minor Revisions to the Reporting of Demand Response by Retail Electric Providers and Non-Opt-In Entities; * NPRR1074, “mp” Definition Revision – URGENT; * LPGRR068, Add BUSLRG and BUSLRGDG Profile Types; * NOGRR199, Related to NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols; * PGRR088, Include Financial Security Amount in the Monthly Generator Interconnection Status Report; and * RMGRR164, Related to NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report. |
| **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.**   * ***NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols [ERCOT]***   **Revision Description:** This NPRR incorporates the “State Estimator Standards” and “Telemetry Standards” Other Binding Documents into the Protocols.  **Proposed Effective Date:** July 1, 2021  **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.  **TAC Decision:** On 4/28/21, TAC unanimously voted via roll call to recommend approval of NPRR979 as recommended by PRS in the 4/15/21 PRS Report.   * ***NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report [ERCOT]***   **Revision Description:** This NPRR changes the metering requirement for Premises connected at transmission voltage and/or having a peak Demand greater than 700kW/700kVA. Currently an Interval Data Recorder (IDR) Meter is required. This change modifies the requirement to be an IDR which includes IDR Meters and Advanced Meters. This NPRR also eliminates the IDR Meter Requirement Report.  **Proposed Effective Date:** Upon system implementation  **ERCOT Impact Analysis:** Less than $10k (O&M); no impacts to ERCOT staffing; impacts to Data Access & Transparency; no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices.  **TAC Decision:** On 4/28/21, TAC unanimously voted via roll call to recommend approval of NPRR1062 as recommended by PRS in the 4/15/21 PRS Report. On 5/26/21, TAC unanimously voted via roll call to endorse the 5/11/21 ERCOT comments to NPRR1062 as submitted.   * ***NPRR1064, Identification of Chronic Congestion [ERCOT]***   **Revision Description:** This NPRR better conforms Protocol language to ERCOT’s as-built systems with respect to the evaluation and reporting of chronic congestion. This NPRR also clarifies ERCOT’s expectations and processes regarding the verification of modeling information for elements that are included in the chronic congestion report.  **Proposed Effective Date:** July 1, 2021  **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.  **TAC Decision:** On 5/26/21, TAC unanimously voted via roll call to recommend approval of NPRR1064 as recommended by PRS in the 5/13/21 PRS Report.   * ***NPRR1071, Minor Revisions to the Reporting of Demand Response by Retail Electric Providers and Non-Opt-In Entities [ERCOT]***   **Revision Description:** This NPRR modifies the threshold for participation by Retail Electric Providers (REPs) from 95% to 98%; the timing requirement for REPs to provide information to ERCOT regarding Demand response deployments from October 15 to October 31; and the posting date for the final report from December 15 to December 31.  **Proposed Effective Date:** July 1, 2021  **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.  **TAC Decision:** On 5/26/21, TAC unanimously voted via roll call to recommend approval of NPRR1071 as recommended by PRS in the 5/13/21 PRS Report.   * ***NPRR1074, “mp” Definition Revision – URGENT [Morgan Stanley Capital Group]***   **Proposed Effective Date:** June 9, 2021  **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.  **Revision Description:** This NPRR changes the definition of “mp” in the credit default allocation calculations by changing “non-defaulting” to specify that the Market Participant has MWh activity in the reference month and is a currently-registered QSE or CRR Account Holder or voluntarily terminated its QSE or CRR Account Holder registration.  **TAC Decision:** On 5/26/21, TAC voted via roll call to recommend approval of NPRR1074 as recommended by PRS in the 4/15/21 PRS Report as amended by the 4/21/21 ERCOT comments, and the Impact Analysis for NPRR1074, with a recommended effective date of upon ERCOT Board approval. There was one abstention from the Cooperative (Brazos Electric) Market Segment.  **Credit WG:** See 4/21/21 Credit WG comments   * ***LPGRR068, Add BUSLRG and BUSLRGDG Profile Types [ERCOT]***   **Proposed Effective Date:** Upon system implementation but no earlier than February 1, 2022 – Priority 2021; Rank 3320  **ERCOT Impact Analysis:** $20k – $40k; no impacts to ERCOT staffing; impacts to BI & Data Analytics and Data and Information Products (DAIP); ERCOT business processes will be updated; no impacts to ERCOT grid operations and practices.  **Revision Description:** This LPGRR adds two new PROFILETYPECODEs to be used for Premises billed on a 4-Coincident Peak (4-CP) tariff where the Transmission and/or Distribution Service Provider (TDSP) can support a 4-CP billing rate with an Advanced Metering System (AMS) profile. BUSLRG will be created for Premises that do not have Distributed Generation (DG) and BUSLRGDG will be created for those Premises that do have DG. Existing BUSIDRRQ will remain an option for Premises billed on a 4-CP tariff.  **TAC Decision:** On 5/26/21, TAC unanimously voted via roll call to recommend approval of LPGRR068 as recommended by RMS in the 5/4/21 RMS Report.   * ***NOGRR199, Related to NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols [ERCOT]***   **Proposed Effective Date:** Upon implementation of NPRR979  **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 NOGRR beyond what was captured in the Impact Analysis for NPRR979.)  **Revision Description:** This NOGRR realigns references to State Estimator and relevant telemetry standards to accommodate the move of the Other Binding Documents State Estimator Standards and Telemetry Standards to the Protocols.  **TAC Decision:** On 4/28/21, TAC unanimously voted via roll call to recommend approval of NOGRR199 as recommended by ROS in the 4/1/21 ROS Report.   * ***PGRR088, Include Financial Security Amount in the Monthly Generator Interconnection Status Report [Reliant Energy Retail Services]***   **Proposed Effective Date:** Upon system implementation – Priority 2022; Rank 3510  **ERCOT Impact Analysis:** $20k – $40k; no impacts to ERCOT staffing; impacts to Resource Integration and Ongoing Operations (RIOO) and Data Management & Analytic Systems; no impacts to ERCOT business processes; no impacts to ERCOT grid operations and practices.  **Revision Description:** This PGRR increases the transparency of generation interconnection facility costs by including the financial security amount sufficient to fund the interconnection facilities in the ERCOT monthly Generator Interconnection Status report.  **TAC Decision:** On 5/26/21, TAC unanimously voted via roll call to recommend approval of PGRR088 as recommended by ROS in the 4/29/21 ROS Report.   * ***RMGRR164, Related to NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report [ERCOT]***   **Proposed Effective Date:** Upon system implementation of NPRR1062  **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 RMGRR beyond what was captured in the Impact Analysis for NPRR1062.)  **Revision Description:** This RMGRR eliminates the entirety of Section 7.13, Interval Data Recorder Meter Removal and Installation Process, and all associated language from Section 9, Appendix H1, Interval Data Recorder (IDR) Meter Optional Removal Request Form, and Appendix H2, Interval Data Recorder (IDR) Meter Installation Request Form.  **TAC Decision:** On 4/28/21, TAC unanimously voted via roll call to recommend approval of RMGRR164 as recommended by RMS in the 3/2/21 RMS Report.  The TAC Reports and Impact Analyses for these Revision Requests are included in the [ERCOT Board meeting materials](http://www.ercot.com/calendar/2021/6/8/214064-BOARD).  In addition, these Revision Requests ([NPRRs](http://www.ercot.com/mktrules/issues/nprr), [LPGRR](http://www.ercot.com/mktrules/issues/lpgrr), [NOGRR](http://www.ercot.com/mktrules/issues/nogrr), [PGRR](http://www.ercot.com/mktrules/issues/pgrr), and [RMGRR](http://www.ercot.com/mktrules/issues/rmgrr)) 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 NPRRs 979, 1062, 1064, 1071 and 1074.  The RMS met, via Webex, discussed the issues, and submitted reports to TAC regarding LPGRR068 and RMGRR164.  The ROS met, via Webex, discussed the issues, and submitted a report to TAC regarding NOGRR199 and PGRR088. |
| **Conclusion/Recommendation:** As more specifically described above, TAC recommends that the ERCOT Board approve NPRRs 979, 1062, 1064, 1071 and 1074; LPGRR068; NOGRR199; PGRR088; and RMGRR164. |

**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 approve the following Nodal Protocol Revision Requests (NPRRs), Load Profiling Guide Revision Request (LPGRR), Nodal Operating Guide Revision Request (NOGRR), Planning Guide Revision Request (PGRR), and Retail Market Guide Revision Request (RMGRR) recommended for approval by TAC:

* NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols;
* NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report;
* NPRR1064, Identification of Chronic Congestion;
* NPRR1071, Minor Revisions to the Reporting of Demand Response by Retail Electric Providers and Non-Opt-In Entities;
* NPRR1074, “mp” Definition Revision – URGENT;
* LPGRR068, Add BUSLRG and BUSLRGDG Profile Types;
* NOGRR199, Related to NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols;
* PGRR088, Include Financial Security Amount in the Monthly Generator Interconnection Status Report; and
* RMGRR164, Related to NPRR1062, Modify IDR Meter Requirement and Eliminate IDR Meter Requirement Report.

THEREFORE, BE IT RESOLVED, that the ERCOT Board hereby approves NPRRs 979, 1062, 1064, 1071 and 1074; LPGRR068; NOGRR199; PGRR088; and RMGRR164.

**CORPORATE SECRETARY’S CERTIFICATE**

I, Vickie G. Leady, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its June 7-8, 2021 urgent meeting by teleconference, the ERCOT Board passed a motion approving the above Resolution by \_\_\_\_\_\_.

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

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Vickie G. Leady

Assistant Corporate Secretary