**Section 1:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

This Nodal Protocol Revision Request (NPRR) changes the dispatch and pricing of Controllable Load Resources (CLRs) in response to items in Phase 1 of Public Utility Commission of Texas’ (PUCT’s) market design blueprint related to demand response and increasing the “...utilization of load resources for grid reliability”. Specifically, this NPRR is focused on the blueprint language discussing the pursuit of “…market modifications and technical measures to improve transparency of price signals for load resources, such as changing demand response pricing from zonal to locational marginal pricing (LMP)”. To address the above directive from the PUCT, this NPRR changes the market participation model for CLRs that are not Aggregate Load Resources (ALRs) such that they are dispatched at a nodal shift factor and settled for their energy consumption at a nodal price.

Revised Subsection: 1.3.1.1 [effective upon system implementation]

**Section 2:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 2.1 [effective upon system implementation] and 2.2

NPRR1227 – Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies

This Nodal Protocol Revision Request (NPRR) aligns defined term usage in the Protocols with Section 2.1 and adds five definitions (‘Acquisition Transfer’, ‘Decision’, ‘Effective Date’, ‘Gaining Competitive Retailer (CR)’, and ‘Losing Competitive Retailer (CR)’) that were previously located in Retail Market Guide Sections 2.1, Definitions, and 7.11.2, Acquisition and Transfer of Customers from one Retail Electric Provider to Another. This NPRR also replaces the broadly titled terms ‘Decision’ and ‘Effective Date’ with the specific terms ‘Mass Transition Decision’, ‘Acquisition Transfer Decision’, ‘Mass Transition Effective Date’, and ‘Acquisition Transfer Effective Date’ to provide additional clarity. Finally, this NPRR expands the definitions of Gaining Competitive Retailer (CR) and Losing Competitive Retailer (CR) to apply beyond the Mass Transition and Acquisition Transfer processes.

Revised Subsection: 2.1

**Section 3:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 3.2.5, 3.6.1, and 3.9.1 [effective upon system implementation]

NPRR1244 – Clarification of Controllable Load Resource Primary Frequency Response Responsibilities

This Nodal Protocol Revision Request (NPRR) aligns provisions regarding eligibility of a Controllable Load Resource that is not providing Primary Frequency Response to provide ERCOT Contingency Reserve Service (ECRS), and the calculation of Physical Responsive Capability (PRC) to include only the capacity of Controllable Load Resources when they are qualified to provide Regulation Service and/or Responsive Reserve (RRS) which requires the Controllable Load Resource to be capable of providing Primary Frequency Response.

Revised Subsection: 3.6.1 [effective upon system implementation]

**Section 4:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 4.2.4, 4.4.7.2, 4.4.9.8 (new), 4.4.9.8.1 (new), 4.4.9.8.2 (new), 4.4.10, 4.5.1, 4.5.3, 4.6.2.2, and 4.6.2.3.2 [effective upon system implementation]

NPRR1215 – Clarifications to the Day-Ahead Market (DAM) Energy-Only Offer Calculation

This Nodal Protocol Revision Request (NPRR) clarifies that the Day-Ahead Market (DAM) Energy-Only Offer credit exposure calculation zeros out negative values, with any zeroed-out values being included in the calculation of the dpth percentile difference. This clarification aligns with how ERCOT has been performing the calculation since Nodal Go-Live.

Revised Subsection: 4.4.10

**Section 5:**

NPRR1236 – RTC+B Modifications to RUC Capacity Short Calculations

This Nodal Protocol Revision Request (NPRR) reflects the modifications addressed in the Real-Time Co-optimization Plus Batteries (RTC+B) Task Force whitepaper to the Reliability Unit Commitment (RUC) Capacity Short calculations. This NPRR addresses limitations in the current RUC Capacity Short calculations by considering Ancillary Service sub-types and changes to the calculation process involving Regulation Down Service (Reg-Down). This NPRR also addresses changes required to align Protocol language with the recently-approved NPRR1204, Considerations of State of Charge with Real-Time Co-Optimization Implementation, as it relates to the RUC process. This NPRR implements an approach that continues the current policy (i.e., allocating costs in a manner consistent with cost causation) to first proportionally assign RUC Make Whole costs to Qualified Scheduling Entities (QSEs) that are determined to be short of capacity or Ancillary Service capability when the RUC decision was made and, if necessary, assign the remaining RUC Make Whole costs to QSEs based on Load Ratio Share (LRS).

Revised Subsection: 5.7.4.1.1 [effective upon system implementation of PR447, Real-Time Co-Optimization (RTC)]

**Section 6:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 6.3.1, 6.4.3, 6.4.3.1, 6.4.3.1.1, 6.4.3.1.2, 6.5.7.3, 6.5.7.3.1, 6.5.7.4, 6.5.7.5, 6.5.7.6.2.3, 6.6.1.2, 6.6.1.4, 6.6.3.1, 6.6.3.2, 6.6.5.1, and 6.6.5.6 [effective upon system implementation]

NPRR1221 – Related to NOGRR262, Provisions for Operator Controlled Manual Load Shed

This Nodal Protocol Revision Request (NPRR) aligns provisions regarding manual and automatic firm Load shed; clarifies the proper use and interplay of Under-Voltage Load Shed (UVLS), Under-Frequency Load Shed (UFLS), and manual Load shed; and addresses reliability concerns ERCOT has identified regarding the extent of Transmission Operators’ (TOs’) manual Load shed capabilities.

Revised Subsection: 6.5.9.4.2

NPRR1244 – Clarification of Controllable Load Resource Primary Frequency Response Responsibilities

*See Section 3 above.*

Revised Subsection: 6.5.7.5 [effective upon system implementation]

**Section 7:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 7.9.1.3 and 7.9.3.1 [effective upon system implementation]

**Section 8:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 8.1.1.1 and 8.1.1.4.3 [effective upon system implementation]

NPRR1244 – Clarification of Controllable Load Resource Primary Frequency Response Responsibilities

*See Section 3 above.*

Revised Subsection: 8.5.2.1 [effective upon system implementation]

**Section 9:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 9.14.10, 9.17.1, and 9.19.1 [effective upon system implementation]

**Section 10:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 10.2.2, 10.2.3, and 10.3.2.3 [effective upon system implementation]

**Section 11:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsection: 11.1.6 [effective upon system implementation]

**Section 15:**

NPRR1227 – Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies

*See Section 2 above.*

Revised Subsections: 15.1.1.7, 15.1.3.2, 15.1.3.3, and 15.1.7

**Section 16:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsections: 16.11.4.1 and 16.11.4.3.2 [effective upon system implementation]

NPRR1227 – Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies

*See Section 2 above.*

Revised Subsection: 16.1.1

**Section 19:**

NPRR1227 – Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies

*See Section 2 above.*

Revised Subsection: 19.3.1

NPRR1237 – Retail Market Qualification Testing Requirements

This Nodal Protocol Revision Request (NPRR) provides conditions in which ERCOT requires all Competitive Retailers (CRs), new and existing, and Transmission and/or Distribution Service Providers (TDSPs) to successfully complete retail market qualification testing.

Revised Subsection: 19.8

**Section 23:**

NPRR1227 – Related to RMGRR181, Alignment of Defined Term Usage and Resolution of Inconsistencies

*See Section 2 above.*

Revised Form: B

**Section 26:**

NPRR1188 – Implement Nodal Dispatch and Energy Settlement for Controllable Load Resources

*See Section 1 above.*

Revised Subsection: 26.2 [effective upon system implementation]

**Administrative Changes:**

Non-substantive administrative changes were made such as spelling corrections, formatting, and correcting Section numbering and references.

Revised Subsection: 5.7.4.1.1