**Section 2:**

NPRR973 – Add Definitions for Generator Step-Up and Main Power Transformer

This Nodal Protocol Revision Request (NPRR) adds definitions for Generator Step-Up (GSU) and Main Power Transformer (MPT) to the Nodal Protocols and clarifies their uses.

Revised Subsection: 2.1 [unboxed due to system implementation of PR106]

NPRR1054 – Removal of Oklaunion Exemption Language

This Nodal Protocol Revision Request (NPRR) removes all references to Oklaunion Exemption from the ERCOT Protocols and adjusts the affected sections’ remaining language accordingly.

Revised Subsection: 2.1 [unboxed due to system implementation]

**Section 3:**

NPRR973 – Add Definitions for Generator Step-Up and Main Power Transformer

*See Section 2 above.*

Revised Subsections: 3.10.7.1.4 and 3.10.7.2 [unboxed due to system implementation of PR106]

NPRR1128 – Allow FFR Procurement up to FFR Limit Without Proration

This Nodal Protocol Revision Request (NPRR) sets a -$0.01 per MW lower Ancillary Service Offer floor for Fast Frequency Response (FFR) Responsive Reserve (RRS) rather than for other RRS categories during certain Operating Hours, thereby allowing, depending on relative Ancillary Service Offers, FFR procurement up to the current FFR limit without proration with other RRS categories in the Ancillary Service procurement process. This NPRR also requires ERCOT to, at least on annual basis, specify the Operating Hours where prioritizing procurement of FFR up to the maximum FFR amount is beneficial in improving reliability. Beyond this, ERCOT may add more hours where FFR prioritization is in effect closer to Real-Time if it believes that these additional hours are vulnerable to low system inertia.

Revised Subsection: 3.16 [effective upon system implementation]

NPRR1132 – Communicate Operating Limitations during Cold and Hot Weather Conditions

This Nodal Protocol Revision Request (NPRR) specifies that during local cold weather conditions, each Qualified Scheduling Entity (QSE) must update its Generation Resources’ and Energy Storage Resources’ (ESRs’) Current Operating Plan (COP), Real-Time telemetry, and Outage and derate reporting to reflect any cold-weather limitations. This NPRR also requires each Resource Entity to provide Resource-specific cold weather minimum temperature limits, hot weather maximum temperature limits, and alternate fuel capability information in its Resource Registration data submitted pursuant to Planning Guide Section 6.8.2, Resource Registration Process, and update this information as necessary.

Revised Subsections: 3.9 and 3.10.6

NPRR1138 – Communication of Capability and Status of Online IRRs at 0 MW Output

This Nodal Protocol Revision Request (NPRR) requires each Resource Entity to ensure the reactive capability curve for any Intermittent Renewable Resource (IRR) accurately reflects the IRR’s reactive capability when it is not providing real power or is operating at lower levels of real power output.

Revised Subsection: 3.15.3

NPRR1154 – Include Alternate Resource in the Availability Plan for the Firm Fuel Supply Service

This Nodal Protocol Revision Request (NPRR) updates language to allow for a qualified alternate Resource to be considered in the calculation of the availability reduction factor for the Firm Fuel Supply Service Resource (FFSSR). Additionally, this NPRR provides a new Settlement billing determinant that will provide the Firm Fuel Supply Service Award Amount per Qualified Scheduling Entity (QSE) per FFSSR by hour.

Revised Subsection: 3.14.5 [effective upon system implementation]

**Section 4:**

NPRR1128 – Allow FFR Procurement up to FFR Limit Without Proration

*See Section 3 above.*

Revised Subsections: 4.4.7.2.1 and 4.4.7.2.3 [effective upon system implementation]

NPRR1148 – Language Cleanup Related to ERCOT Contingency Reserve Service (ECRS)

This Nodal Protocol Revision Request (NPRR) addresses Protocol gaps found during the creation of the ERCOT Contingency Reserve Service (ECRS) system change requirements.

Revised Subsection: 4.4.7.2.1 [effective upon system implementation of NPRR863]

**Section 5:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsection: 5.7.4.1.1 [unboxed due to system implementation]

**Section 6:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsections: 6.6.2.1, 6.6.2.3, 6.6.2.6, 6.6.2.8, 6.6.3.5, and 6.6.3.6 (delete) [unboxed due to system implementation]

NPRR1138 – Communication of Capability and Status of Online IRRs at 0 MW Output

*See Section 3 above.*

Revised Subsection: 6.5.5.1

NPRR1148 – Language Cleanup Related to ERCOT Contingency Reserve Service (ECRS)

*See Section 4 above.*

Revised Subsections: 6.5.7.3.1 and 6.5.7.6.2.4 [effective upon system implementation of NPRR863]

NPRR1154 – Include Alternate Resource in the Availability Plan for the Firm Fuel Supply Service

*See Section 3 above.*

Revised Subsection: 6.6.14.2 [effective upon system implementation]

**Section 7:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsections: 7.5.7 and 7.9.3.5 [unboxed due to system implementation]

**Section 8:**

NPRR1154 – Include Alternate Resource in the Availability Plan for the Firm Fuel Supply Service

*See Section 3 above.*

Revised Subsection: 8.1.1.2.1.6 [effective upon system implementation]

**Section 9:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsection: 9.5.3 [unboxed due to system implementation]

**Section 11:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsection: 11.4.6.1 [unboxed due to system implementation]

**Section 16:**

NPRR1054 – Removal of Oklaunion Exemption Language

*See Section 2 above*.

Revised Subsection: 16.11.4.3.2 [unboxed due to system implementation]

**Administrative Changes:**

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

Revised Subsections: 6.5.7.1.13, 6.6.3.2, 6.6.10, 9.19.1, and 23N