**Section 2:**

NPRR1186 – Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring

This Nodal Protocol Revision Request (NPRR) improves the awareness, accounting, and monitoring of the State of Charge (SOC) for an Energy Storage Resource (ESR). This NPRR is for the interim period which is described as the time period before the Real-Time Co-Optimization (RTC) & Single-Model ESR (“RTC+B”) project goes live; and is aimed to strategically improve SOC awareness, accounting, and monitoring with minimal system changes so that the improvements can be in place while the RTC+B project is completed.

Revised Subsection: 2.1 [unboxed due to system implementation]

**Section 3:**

NPRR1090 – ERS Winter Storm Uri Lessons Learned Changes and Other ERS Items

This Nodal Protocol Revision Request (NPRR) makes a number of revisions pertaining to Emergency Response Service (ERS) that addresses items 48 and 102 of TAC’s Emergency Conditions List, including: modifying and clarifying language related to the beginning and end of ERS Contract Periods for ERS renewals; removing the limit on the maximum number of deployments per ERS Contract Period, the three-hour maximum limit per single deployment event, and modifying language related to the cumulative deployment obligation time requirement for Weather-Sensitive ERS Resources; eliminating the options for ERS Resources to be excluded from an ERS deployment event or to exclude intervals from event and availability performance with properly noticed scheduled unavailability and planned maintenance for up to 2% of their obligated intervals without payment reductions; modifying language related to short ERS Contract Period availability calculations for ERS Resources to account for short Contract Periods in which no exhaustion occurs and modifying the formula for the ratio of Availability Factor Hours to the total awarded hours in the ERS Standard Contract Term to include all awarded hours in the Standard Contract Term; removing the requirement to reduce the time-weighting factor for intervals by 25% after eight hours for Qualified Scheduling Entity (QSE)-level event performance; removing language related to the first full interval of an ERS deployment event from the ERS Resource-level event performance criteria and modifying language related to successful performance during ERS deployment events to satisfy annual testing requirements; removing language related to testing ERS Generators for failing self-tests; and modifying QSE-level event performance to be both time and capacity weighted.

Revised Subsection: 3.14.3.3 [unboxed due to system implementation]

NPRR1186 – Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring

*See Section 2 above.*

Revised Subsections: 3.8.1 and 3.9.1 [unboxed due to system implementation]

**Section 5:**

NPRR1186 – Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring

*See Section 2 above.*

Revised Subsection: 5.5.2 [unboxed due to system implementation]

**Section 6:**

NPRR1186 – Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring

*See Section 2 above.*

Revised Subsections: 6.3.2, 6.5.5.2, and 6.5.7.2 [unboxed due to system implementation]