**Section 3:**

NPRR1234 – Interconnection Requirements for Large Loads and Modeling Standards for Loads 25 MW or Greater

This Nodal Protocol Revision Request (NPRR) and the related Planning Guide Revision Request (PGRR) 115, Related to NPRR1234, Interconnection Requirements for Large Loads and Modeling Standards for Loads 25 MW or Greater, establish interconnection and modeling requirements for “Large Loads”—defined in this NPRR to refer to one or more Facilities at a single site with an aggregate peak power Demand of 75 MW or more. Additionally, this NPRR facilitates the addition of a new study process for Large Loads seeking to interconnect to the ERCOT System. This process is described in the accompanying PGRR115. This NPRR also adds a requirement that any Resource Entity that adds 20 MW or more of Load at any site with an existing Generation Resource shall submit a new Reactive Power study. The study must demonstrate the continued compliance of the Generation Resource with Voltage Support Service (VSS) requirements. This NPRR also establishes specific Subsynchronous Oscillation (SSO) requirements for Large Loads and revises and supplements SSO-related definitions, in addition to clarifying existing SSO requirements. Furthermore, although the primary focus of this NPRR is Loads that are 75 MW or larger, this NPRR also establishes new standards for the identification and classification of a site with an aggregate peak Demand of 25 MW or more at a common substation in ERCOT Network Operations Model. Such information will provide ERCOT visibility of the locations of these Loads for operational and planning purposes. Finally, this NPRR adds a fee for Large Load Interconnection Study (LLIS) Requests to the ERCOT Fee Schedule.

Revised Subsection: 3.10.7.2 [partially unboxed due to system implementation]