Nodal Protocol Revision Request

NPRR Number		NPRR Title	Active and Inactive SCED Constraint Reporting
Date Posted			

Requested Resolution	Normal
Nodal Protocol Sections Requiring Revision	6.5.7.1.11 Transmission Network and Power Balance Constraint Management
Related Documents Requiring Revision/Related Revision Requests	None
Revision Description	This Nodal Protocol Revision Request (NPRR) expands the Network Security Analysis Active Contraints report and the Network Security Analysis Inactive Contraints report to inlcude mega volt amp (mva) flows and limits.
Reason for Revision	☐ Addresses current operational issues. ☐ Meets Strategic goals (tied to the ERCOT Strategic Plan or directed by the ERCOT Board). ☐ Market efficiencies or enhancements ☐ Administrative ☐ Regulatory requirements ☐ Other: (explain) *(please select all that apply)*
Business Case	Today the Network Security Analysis Active Contraints and the Network Security Analysis Inactive Contraints reports provide constraint flows and limits in megawatt terms. Providing the mega volt amp flows and limits for these reports would give market particpants greater insight into SCED megawatt conversion process and the inputs used to determine when constraints are activated.

Sponsor	
Name	
E-mail Address	
Company	

Nodal Protocol Revision Request

Phone Number	
Cell Number	
Market Segment	

Market Rules Staff Contact	
Name	
E-Mail Address	
Phone Number	

Proposed Protocol Language Revision

6.5.7.1.11 Transmission Network and Power Balance Constraint Management

(1) ERCOT may not allow any constraint (contingency and limiting Transmission Element pair) identified by NSA to be activated in SCED until it has verified that the contingency definition in NSA associated with the constraint is accurate and appropriate given the current operating state of the ERCOT Transmission Grid. ERCOT shall continuously post to the MIS Secure Area all constraint contingencies in the NSA. ERCOT shall provide relevant constraint information, including, but not limited to, the contingency name as provided in the standard contingency list, whether or not the constraint is active in SCED, the overloaded Transmission Element name, the Rating of the overloaded Transmission Element including Generic Transmission Limits (GTLs) expressed in megawatts and mega volt amps, and pre-contingency or post-contingency flows expressed in megawatts and mega volt amps. For each Operating Day, ERCOT shall post to the MIS Secure Area within five days, a report listing all constraints with pre-contingency or post-contingency flows which exceeded the Rating of the overloaded Transmission Element for at least 15 minutes consecutively that were not activated in SCED and an explanation of why each constraint was not activated.