

Amend **CSHB 3474** by adding the following appropriately numbered SECTION to the bill and renumbering subsequent SECTIONS of the bill accordingly:

SECTION _____. (a) In this section, "critical infrastructure" means an electrical power generating facility, substation, switching station, electrical control center, or electrical transmission or distribution facility.

(b) The Public Utility Commission of Texas shall instruct the independent organization certified under Section 39.151, Utilities Code, to commission a study on the security of the Texas electric grid and the computer systems and networks related to it. On or before September 1, 2015, the independent organization must name persons to conduct the study who have expertise in:

- (1) electromagnetic pulse disturbances;
- (2) cybersecurity;
- (3) geomagnetic disturbances;
- (4) electric power transmission and distribution system security; and
- (5) terrorism.

(c) Through the study the independent organization must:

(1) identify the critical infrastructure that is at risk from electromagnetic, geomagnetic, terrorist, and cyber-attack threats;

(2) evaluate technologies available to improve the resiliency of critical infrastructure against electromagnetic, geomagnetic, terrorist, or cyber-attack threats;

(3) evaluate the capabilities of critical infrastructure to recover from electromagnetic, geomagnetic, terrorist, or cyber-attack threats;

(4) evaluate measures to secure the electric grid and associated computer systems and networks against damage against electromagnetic, geomagnetic, terrorist, and cyber-attack threats; and

(5) assess the projected cost of enhancements to critical infrastructure that are necessary to secure adequately against electromagnetic, geomagnetic, terrorist, and cyber-attack threats.

(d) Information collected by the independent organization for the study that is related to the security of the electric grid is confidential and is not subject to disclosure under Chapter 552, Government Code.

(e) Not later than December 1, 2016, the Public Utility Commission of Texas shall provide a report on the results of the study required by this section to the governor, the lieutenant governor, the speaker of the house of representatives, and each standing committee of the senate and the house of representatives with primary jurisdiction over the electric grid and emergency management.