

By: Watson

S.B. No. 1102

A BILL TO BE ENTITLED

AN ACT

relating to certain energy security technologies for critical governmental facilities.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Subtitle G, Title 10, Government Code, is amended by adding Chapter 2311 to read as follows:

CHAPTER 2311. ENERGY SECURITY TECHNOLOGIES FOR CRITICAL GOVERNMENTAL FACILITIES

Sec. 2311.001. DEFINITIONS. In this chapter:

(1) "Combined heating and power system" means a system that:

(A) is located on the site of a facility;

(B) is the primary source of both electricity and thermal energy for the facility;

(C) can provide all of the electricity needed to power the facility's critical emergency operations for at least 14 days; and

(D) has an overall efficiency of energy use that exceeds 60 percent.

(2) "Critical governmental facility" means a building owned by the state or a political subdivision of the state that is expected to:

(A) be continuously occupied;

(B) maintain operations for at least 6,000 hours

1 each year;

2 (C) have a peak electricity demand exceeding 500
3 kilowatts; and

4 (D) serve a critical public health or public
5 safety function during a natural disaster or other emergency
6 situation that may result in a widespread power outage, including

7 a:

8 (i) command and control center;

9 (ii) shelter;

10 (iii) prison or jail;

11 (iv) police or fire station;

12 (v) communications or data center;

13 (vi) water or wastewater facility;

14 (vii) hazardous waste storage facility;

15 (viii) biological research facility;

16 (ix) hospital; or

17 (x) food preparation or food storage
18 facility.

19 Sec. 2311.002. COMBINED HEATING AND POWER SYSTEMS. When
20 constructing or extensively renovating a critical governmental
21 facility or replacing major heating, ventilation, and
22 air-conditioning equipment for a critical governmental facility,
23 the entity with charge and control of the facility shall evaluate
24 whether equipping the facility with a combined heating and power
25 system would result in expected energy savings that would exceed
26 the expected costs of purchasing, operating, and maintaining the
27 system over a 20-year period. Notwithstanding Chapter 2302, the

1 entity may equip the facility with a combined heating and power
2 system if the expected energy savings exceed the expected costs.

3 SECTION 2. Chapter 2311, Government Code, as added by this
4 Act, applies only to the construction or renovation of a building or
5 the replacement of equipment for a building for which the contract
6 is entered into on or after September 1, 2009.

7 SECTION 3. This Act takes effect September 1, 2009.