

Introduced by Senator Lara

February 27, 2015

An act to amend Section 2840.4 of the Public Utilities Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

SB 716, as introduced, Lara. Waste Heat and Carbon Emissions Reduction Act.

The Waste Heat and Carbon Emissions Reduction Act finds and declares, among other things, that combined heat and power systems produce both electricity and thermal energy from a single fuel input, thus achieving much greater efficiency than the usual separate systems for producing these forms of energy and reducing the consumption of fuel.

This bill would make technical, nonsubstantive changes to this provision.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 2840.4 of the Public Utilities Code is
- 2 amended to read:
- 3 2840.4. The Legislature finds and declares all of the following:
- 4 (a) Combined heat and power systems produce both electricity
- 5 and thermal energy from a single fuel input, thus achieving much
- 6 greater efficiency than the usual separate systems for producing
- 7 these forms of ~~energy~~, *energy* and reducing *the* consumption of
- 8 fuel.

1 (b) Combined heat and power systems recover heat that would
2 otherwise be wasted in separate energy ~~applications~~, *applications*
3 and use this heat to avoid consumption of fuel that would otherwise
4 be required to produce heat.

5 (c) Gigawatthours of potential useful electricity and millions of
6 British thermal units of thermal energy could be derived from
7 unused waste heat that is currently being vented into the
8 atmosphere.