

AMENDED IN SENATE APRIL 5, 2011

AMENDED IN SENATE MARCH 22, 2011

**SENATE BILL**

**No. 730**

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**Introduced by Senator Kehoe**

February 18, 2011

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~~An act to add Section 19830 to, and~~ *An act to amend Section 44272 of, and to add Section 19830 to, the Health and Safety Code, relating to energy.*

LEGISLATIVE COUNSEL'S DIGEST

SB 730, as amended, Kehoe. Local government: ~~online building permit form~~ *permits*: electric vehicle charging.

(1) Existing law sets forth the powers and duties common to cities and counties.

This bill would require a city, county, or city and county to ~~make available an online building permit form for residential and nonresidential property owners who seek~~ *approve a building permit application* to install vehicle charging equipment, ~~and to approve an online building permit submitted by such an owner within 24 hours of its receipt~~ *within one business day*. The bill would also require the home building inspector of each city, county, or city and county that approves ~~an online~~ *a* building permit to review the work completed under the permit within 7 days of completion of the work. By adding to the duties of local officials, this bill would impose a state-mandated local program.

(2) Existing law establishes the Alternative and Renewable Fuel and Vehicle Technology Program, administered by the State Energy Resources Conservation and Development Commission (Energy Commission), to provide to specified entities, upon appropriation by the Legislature, grants, loans, loan guarantees, revolving loans, or other

appropriate measures, for the development and deployment of innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change goals. Existing law specifies that only certain projects or programs are eligible for funding, including a program to provide funding for homeowners who purchase an electric vehicle to offset costs associated with modifying electrical sources to include a residential plug-in electric vehicle charging station.

This bill would, additionally, specify projects eligible for funding under the program to include a program provide funding to local governments that ~~adopt an expedited building permit process~~ *accept building permit applications* for the installation of vehicle charging equipment ~~pursuant to the provisions of the bill~~ *online*.

(3) The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

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

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

1 SECTION 1. Section 19830 is added to the Health and Safety  
2 Code, to read:

3 19830. (a) Any city, county, or city and county that requires  
4 the issuance of a permit as a condition precedent to the  
5 construction, alteration, improvement, demolition, or repair of any  
6 building or structure shall ~~make available an online building permit~~  
7 ~~form for residential and nonresidential property owners who seek~~  
8 ~~to install vehicle charging equipment.~~

9 ~~(b) A city, county, or city and county subject to subdivision (a)~~  
10 ~~shall approve an online building permit submitted by a residential~~  
11 ~~or nonresidential property owner within 24 hours of its receipt.~~  
12 *approve a building permit application to install vehicle charging*  
13 *equipment within one business day.*

14 ~~(e)~~  
15 (b) The building inspector of each city, county, or city and  
16 county that approves ~~an online~~ *a* building permit shall review the  
17 work completed under the permit within seven days of completion  
18 of the work.

1 SEC. 2. Section 44272 of the Health and Safety Code is  
2 amended to read:

3 44272. (a) The Alternative and Renewable Fuel and Vehicle  
4 Technology Program is hereby created. The program shall be  
5 administered by the commission. The commission shall implement  
6 the program by regulation pursuant to the requirements of Chapter  
7 3.5 (commencing with Section 11340) of Part 1 of Division 3 of  
8 Title 2 of the Government Code. The program shall provide, upon  
9 appropriation by the Legislature, competitive grants, revolving  
10 loans, loan guarantees, loans, or other appropriate funding  
11 measures, to public agencies, vehicle and technology entities,  
12 businesses and projects, public-private partnerships, workforce  
13 training partnerships and collaboratives, fleet owners, consumers,  
14 recreational boaters, and academic institutions to develop and  
15 deploy innovative technologies that transform California's fuel  
16 and vehicle types to help attain the state's climate change policies.  
17 The emphasis of this program shall be to develop and deploy  
18 technology and alternative and renewable fuels in the marketplace,  
19 without adopting any one preferred fuel or technology.

20 (b) A project funded by the commission shall be approved at a  
21 noticed public hearing of the commission and shall be consistent  
22 with the priorities established by the investment plan adopted  
23 pursuant to Section 44272.5.

24 (c) The commission shall provide preferences to those projects  
25 that maximize the goals of the Alternative and Renewable Fuel  
26 and Vehicle Technology Program, based on the following criteria,  
27 as applicable:

28 (1) The project's ability to provide a measurable transition from  
29 the nearly exclusive use of petroleum fuels to a diverse portfolio  
30 of viable alternative fuels that meet petroleum reduction and  
31 alternative fuel use goals.

32 (2) The project's consistency with existing and future state  
33 climate change policy and low-carbon fuel standards.

34 (3) The project's ability to reduce criteria air pollutants and air  
35 toxics and reduce or avoid multimedia environmental impacts.

36 (4) The project's ability to decrease, on a life cycle basis, the  
37 discharge of water pollutants or any other substances known to  
38 damage human health or the environment, in comparison to the  
39 production and use of California Phase 2 Reformulated Gasoline  
40 or diesel fuel produced and sold pursuant to California diesel fuel

1 regulations set forth in Article 2 (commencing with Section 2280)  
2 of Chapter 5 of Division 3 of Title 13 of the California Code of  
3 Regulations.

4 (5) The project does not adversely impact the sustainability of  
5 the state's natural resources, especially state and federal lands.

6 (6) The project provides nonstate matching funds.

7 (7) The project provides economic benefits for California by  
8 promoting California-based technology firms, jobs, and businesses.

9 (8) The project uses existing or proposed fueling infrastructure  
10 to maximize the outcome of the project.

11 (9) The project's ability to reduce on a life cycle assessment  
12 greenhouse gas emissions by at least 10 percent, and higher  
13 percentages in the future, from current reformulated gasoline and  
14 diesel fuel standards established by the state board.

15 (10) The project's use of alternative fuel blends of at least 20  
16 percent, and higher blend ratios in the future, with a preference  
17 for projects with higher blends.

18 (11) The project drives new technology advancement for  
19 vehicles, vessels, engines, and other equipment, and promotes the  
20 deployment of that technology in the marketplace.

21 (d) Only the following shall be eligible for funding:

22 (1) Alternative and renewable fuel projects to develop and  
23 improve alternative and renewable low-carbon fuels, including  
24 electricity, ethanol, dimethyl ether, renewable diesel, natural gas,  
25 hydrogen, and biomethane, among others, and their feedstocks  
26 that have high potential for long-term or short-term  
27 commercialization, including projects that lead to sustainable  
28 feedstocks.

29 (2) Demonstration and deployment projects that optimize  
30 alternative and renewable fuels for existing and developing engine  
31 technologies.

32 (3) Projects to produce alternative and renewable low-carbon  
33 fuels in California.

34 (4) Projects to decrease the overall impact of an alternative and  
35 renewable fuel's life cycle carbon footprint and increase  
36 sustainability.

37 (5) Alternative and renewable fuel infrastructure, fueling  
38 stations, and equipment. The preference in paragraph (10) of  
39 subdivision (c) shall not apply to renewable diesel or biodiesel

1 infrastructure, fueling stations, and equipment used solely for  
2 renewable diesel or biodiesel fuel.

3 (6) Projects to develop and improve light-, medium-, and  
4 heavy-duty vehicle technologies that provide for better fuel  
5 efficiency and lower greenhouse gas emissions, alternative fuel  
6 usage and storage, or emission reductions, including propulsion  
7 systems, advanced internal combustion engines with a 40 percent  
8 or better efficiency level over the current market standard,  
9 light-weight materials, energy storage, control systems and system  
10 integration, physical measurement and metering systems and  
11 software, development of design standards and testing and  
12 certification protocols, battery recycling and reuse, engine and fuel  
13 optimization electronic and electrified components, hybrid  
14 technology, plug-in hybrid technology, battery electric vehicle  
15 technology, fuel cell technology, and conversions of hybrid  
16 technology to plug-in technology through the installation of safety  
17 certified supplemental battery modules.

18 (7) Programs and projects that accelerate the commercialization  
19 of vehicles and alternative and renewable fuels including buy-down  
20 programs through near-market and market-path deployments,  
21 advanced technology warranty or replacement insurance,  
22 development of market niches, supply-chain development, and  
23 research related to the pedestrian safety impacts of vehicle  
24 technologies and alternative and renewable fuels.

25 (8) Programs and projects to retrofit medium- and heavy-duty  
26 on-road and nonroad vehicle fleets with technologies that create  
27 higher fuel efficiencies, including alternative and renewable fuel  
28 vehicles and technologies, idle management technology, and  
29 aerodynamic retrofits that decrease fuel consumption.

30 (9) Infrastructure projects that promote alternative and renewable  
31 fuel infrastructure development connected with existing fleets,  
32 public transit, and existing transportation corridors, including  
33 physical measurement or metering equipment and truck stop  
34 electrification.

35 (10) Workforce training programs related to alternative and  
36 renewable fuel feedstock production and extraction, renewable  
37 fuel production, distribution, transport, and storage,  
38 high-performance and low-emission vehicle technology and high  
39 tower electronics, automotive computer systems, mass transit fleet

1 conversion, servicing, and maintenance, and other sectors or  
2 occupations related to the purposes of this chapter.

3 (11) Block grants administered by not-for-profit technology  
4 entities for multiple projects, education and program promotion  
5 within California, and development of alternative and renewable  
6 fuel and vehicle technology centers.

7 (12) Life cycle and multimedia analyses, sustainability and  
8 environmental impact evaluations, and market, financial, and  
9 technology assessments performed by a state agency to determine  
10 the impacts of increasing the use of low-carbon transportation fuels  
11 and technologies, and to assist in the preparation of the investment  
12 plan and program implementation.

13 (13) (A) A program to provide funding for homeowners who  
14 purchase a plug-in electric vehicle to offset costs associated with  
15 modifying electrical sources to include a residential plug-in electric  
16 vehicle charging station. In establishing this program, the  
17 commission shall consider funding criteria to maximize the public  
18 benefit of the program.

19 (B) A program to provide funding to local governments that  
20 ~~adopt an expedited building permit process for exceed the~~  
21 ~~requirements of Section 19830 by accepting building permit~~  
22 ~~applications for the installation of vehicle charging equipment~~  
23 ~~pursuant to Section 19830. online.~~

24 (e) The commission may make a single source or sole source  
25 award pursuant to this section for applied research. The same  
26 requirements set forth in Section 25620.5 of the Public Resources  
27 Code shall apply to awards made on a single source basis or a sole  
28 source basis. This subdivision does not authorize the commission  
29 to make a single source or sole source award for a project or  
30 activity other than for applied research.

31 (f) The commission may do both of the following:

32 (1) Contract with the Treasurer to expend funds through  
33 programs implemented by the Treasurer, if the expenditure is  
34 consistent with all of the requirements of this article and Article  
35 1 (commencing with Section 44270).

36 (2) Contract with small business financial development  
37 corporations established by the Business, Transportation and  
38 Housing Agency to expend funds through the Small Business Loan  
39 Guarantee Program if the expenditure is consistent with all of the

1 requirements of this article and Article 1 (commencing with Section  
2 44270).

3 SEC. 3. No reimbursement is required by this act pursuant to  
4 Section 6 of Article XIII B of the California Constitution because  
5 a local agency or school district has the authority to levy service  
6 charges, fees, or assessments sufficient to pay for the program or  
7 level of service mandated by this act, within the meaning of Section  
8 17556 of the Government Code.

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