



General Assembly

Amendment

February Session, 2026

LCO No. 6068



Offered by:

REP. STEINBERG, 136th Dist.
REP. FOSTER, 57th Dist.
REP. O'DEA, 125th Dist.
REP. BUCKBEE, 67th Dist.
REP. WOOD K., 29th Dist.
REP. BARRY, 31st Dist.
REP. PISCOPO, 76th Dist.
REP. ACKERT, 8th Dist.

REP. MUSHINSKY, 85th Dist.
REP. GRESKO, 121st Dist.
REP. GUCKER, 138th Dist.
REP. SANTOS, 109th Dist.
REP. DOUCETTE, 13th Dist.
REP. POLLETTA, 68th Dist.
REP. SIMMS, 140th Dist.
REP. SANCHEZ J., 6th Dist.

To: Subst. House Bill No. 5472

File No. 423

Cal. No. 307

**"AN ACT CONCERNING THE SAFETY OF ENERGY GENERATION
SOURCES AND ENERGY STORAGE SYSTEMS."**

1 Strike everything after the enacting clause and substitute the
2 following in lieu thereof:

3 "Section 1. (NEW) (*Effective October 1, 2026*) (a) As used in this section:

4 (1) "Residential energy storage system" means any commercially
5 available technology used at a residential premises that is capable of
6 absorbing energy, storing it for a period of time and thereafter
7 dispatching the energy, and that is capable of either: (A) Using
8 mechanical, chemical or thermal processes to store electricity that is
9 generated at one time for use at a later time; (B) storing thermal energy

10 for direct use for heating or cooling at a later time in a manner that
11 avoids the need to use electricity at a later time; (C) using mechanical,
12 chemical or thermal processes to store electricity generated from
13 renewable energy sources for use at a later time; or (D) using
14 mechanical, chemical or thermal processes to capture or harness waste
15 electricity and to store such electricity generated from mechanical
16 processes for delivery at a later time;

17 (2) "Equivalent standard" means a testing standard that evaluates
18 full-system fire propagation behavior under thermal runaway
19 conditions and provides an equal or greater level of safety as a standard
20 specifically identified in this section; and

21 (3) "Fire propagation" means the transmission of fire from a point of
22 origin within a residential energy storage system to any other cell,
23 module, subassembly or external surface not initially involved in
24 combustion, as determined under the applicable test methodology.

25 (b) Not later than January 1, 2027, the Commissioner of
26 Administrative Services, in consultation with the State Fire Marshal,
27 shall adopt a fire propagation testing standard for residential battery
28 energy storage systems to ensure safe installation and operation of such
29 systems. Such testing standards shall comply with the requirements of
30 subsection (c) of this section. Such regulations shall be incorporated into
31 the State Fire Prevention Code.

32 (c) A fire propagation testing standard adopted by the commissioner
33 shall include the consideration of whether a residential energy storage
34 system (1) is certified in accordance with Underwriters Laboratory
35 standard number 9540 or an equivalent nationally recognized safety
36 standard, (2) utilizes battery system models that have been tested for
37 fire propagation, and (3) complies with a nationally recognized fire
38 propagation testing methodology, including, but not limited to,
39 Underwriters Laboratories 9540B testing methodology or an equivalent
40 standard approved by the state.

41 (d) A residential energy storage system that has demonstrated
 42 compliance with a the fire propagation testing methodology adopted by
 43 the commissioner and is installed in accordance with the manufacturer's
 44 installation instructions shall be deemed to meet any fire safety
 45 requirements for residential installations in the state.

46 Sec. 2. (NEW) (*Effective October 1, 2026*) (a) The Commissioner of
 47 Energy and Environmental Protection may, within available
 48 appropriations, establish a process to evaluate any potential
 49 environmental impacts associated with the installation of an energy
 50 storage system, as defined in section 16-1 of the general statutes,
 51 provided such system has a nameplate capacity of greater than one
 52 hundred megawatts, within one thousand feet of an aquifer, public
 53 water supply watershed or other environmentally sensitive
 54 groundwater resource identified by the commissioner.

55 (b) As part of such evaluation process, the commissioner may require
 56 any person that seeks to install such an energy storage system to
 57 conduct a safety study to assess the potential adverse impacts of such
 58 system, including groundwater or soil contamination, local fire safety
 59 impacts or any relevant environmental factors. Such study shall be
 60 performed in accordance with guidelines adopted by the commissioner.

61 (c) In establishing any process pursuant to this section, the
 62 commissioner may consult with the Commissioner of Public Health, the
 63 State Fire Marshal or any other agency the Commissioner of Energy and
 64 Environmental Protection selects.

65 (d) Nothing in this section shall be construed to prohibit the
 66 installation of any energy storage system that complies with the
 67 applicable provisions of building code or fire code."

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>October 1, 2026</i>	New section
Sec. 2	<i>October 1, 2026</i>	New section