

**Permit Requirements  
Stationary Energy Storage Systems**

**Kern County Fire Department**



Office of the Fire Marshal ~ Fire Prevention  
2820 M St. ~ Bakersfield, CA 93301  
Telephone (661) 391-3310 ~ Fax (661) 636-0466/67



**Website:** kerncountyfire.org  
**Email:** fireprevention@kerncountyfire.org

Please include completed Application for Permit (KCFD 200) with submittal

**Fee Amount: \$290.00**

**Fee Code: 1.13**

**Scope.** Stationary energy storage systems designed to provide electrical power to a building, facility or energy storage arrays. These systems are used to provide standby or emergency power, an uninterruptable power supply, load shedding, load sharing or similar capabilities.

The intent of this document is to aid in the construction permitting process including Change of Use/Occupancy for a stationary energy storage system permit within commercial buildings or tenant spaces regarding what should be submitted for the Fire Marshal's Office review. Because every building differs the applicant **SHALL** follow **CFC 1206** for any construction under review. Other Fire Department operational permits may be required.

1. Permits for Stationary Energy Storage Systems shall be applied for at 2820 M St., Bakersfield, CA 93301.
2. Fee shall be submitted at time of application submittal. Make check payable to Kern County Fire Department. Visa and MasterCard accepted.
3. Three (3) copies of site plans shall be submitted, mechanical drawings only.
4. Two (2) copies of construction documents shall be submitted. **(CFC 1206.2.2)**
5. Room design and construction. Enclosure of stationary energy storage systems shall comply with the *California Building Code*.
6. A building permit is required for all electrical work, foundations, seismic and structural designs. (KC Ordinance 17.24.090)
7. Dedicated fire water supply is required for all new construction projects.
8. A hazard mitigation analysis shall be completed and submitted with application. **(CFC 1206.2.3)**
9. Large scale fire testing reports, per UL9540A 2019 4<sup>th</sup> Edition, of the batteries used in the Energy Storage Systems shall be provided for cell, module and unit levels.
10. Separate fire protection permits are required per battery enclosure.
11. Separate fire alarm permits are required based on the proposed design for monitoring all the fire suppression systems.

Additional Requirements: \_\_\_\_\_

**Mailing Address:**

Kern County Fire Department  
2820 M St.  
Bakersfield, CA 93301  
Attn: Fire Prevention