



## FIRE INSPECTION REQUIREMENTS FOR EXPRESS PV/ESS PERMITS



Prior to receiving the final inspection with the Building Department, the fire agency responsible for your project address will need to conduct an inspection to verify the equipment location and perform a functionality test.

Please see the information below for more details on the inspection process and local system requirements. If these items are not satisfied by the time of the fire inspection, the inspection will result in a failed inspection and re-inspection fees may be required.

### **INSPECTION PROCESS**

#### **Step 1. Verify the fire district that serves your project address.**

Prior to requesting an inspection, please verify what fire jurisdiction your project address is under. To verify if your project address is under Southern Marin Fire or Tiburon Fire's jurisdiction, please utilize the [Marin Map Viewer](#) by clicking the link or copying and pasting the following link into your browser:

<https://experience.arcgis.com/experience/8f2b67be060945d48e779eac2d2bc1df>

Type your project address in the search bar. Next, select the correct address from the drop-down menu. Lastly, scroll down on the parcel information to find the item labeled "Fire Authority".

#### **Step 2. Request a fire inspection once the work is complete.**

Once you determine which fire district your address is under and all equipment has been installed, you may request your fire inspection.

- **Southern Marin Fire District:** To schedule a fire inspection, please visit [smfd.org/request-an-inspection](http://smfd.org/request-an-inspection). Please select the appropriate inspection for Tiburon under Alternative Energy Systems. Inspections can be scheduled up to 24 hours in advance. Inspections are available Monday through Thursday. A fee of \$297.00 will be collected upon scheduling.
- **Tiburon Fire District:** Please request your inspection by emailing [inspections@tiburonfire.org](mailto:inspections@tiburonfire.org). Please allow 72 hours for a response. Please note that the requested date and time may not be able to be accommodated, but the inspection will be scheduled as received. Inspections can be requested Monday through Friday, between 9:00am-4:00pm. An inspection fee may be collected.

***Please see page two for all inspection requirements***



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### INSPECTION REQUIREMENTS

The following requirements shall be provided on site and be functional by the time of the final fire inspection:

1. The inspection will be an on-site inspection. The set of plans shall be on site. All shutoff switches will be tested at the time of the inspection and must be operational.
2. Residential solar photovoltaic systems shall comply with all requirements defined in 2022 CFC 1205.2.1
3. Energy storage systems shall comply with 2022 CFC 1207.11. The equipment listing is verified at plan review and the time of inspection. The location of the battery's installation site will be approved at plan review and verified on site.
4. A functionality test will be performed for all new installations of energy system shutdown. The test will power down the power to the building completely at the final inspection. [SMFD and TFD Ordinance §1201.7]
5. All power sources shall be able to be shut down at one location. The structure's tri-power sources shall have disconnecting means located at the main service panel and shall be clearly labeled in accordance with NFPA 70 2020 Edition.
6. Basements and attached garages for dwelling units in which ESS are installed shall be protected by smoke alarms in accordance with section 907.2.11 of the CA Fire Code. A listed heat alarm shall be installed in locations within dwelling units and attached garages where smoke alarms cannot be installed based on their listing. Fire sprinkler systems shall serve the purpose of detection and notification. [CFC 1207.11.6]
7. ESS installed in a location subject to vehicle damage shall be protected one of the approved barriers per CFC §1207.11.7.3. Appliances in garages shall also be installed in accordance with CMC Section 304.3.
8. All batteries are required to tie into a single, jackknife style disconnect. The disconnect needs to be located on the exterior of the building and installed as close as possible to the main service panel by SMFD Ordinance section 1201.6. Please identify the type of disconnect. Disconnect label shall be identified with a red label in a font no smaller than ½" inch per SMFD Standard 523.
9. A site placard is required to be posted on the exterior at the main service panel equipment that lists the location of the main service, shut offs, and all alternative power equipment. This will be required and verified at the final inspection. [SMFD and TFD Ordinance §1201.5]