



Program Pre-Requisites Photo Guide

Updated August 13, 2025



California Energy-Smart Homes Incentive Program

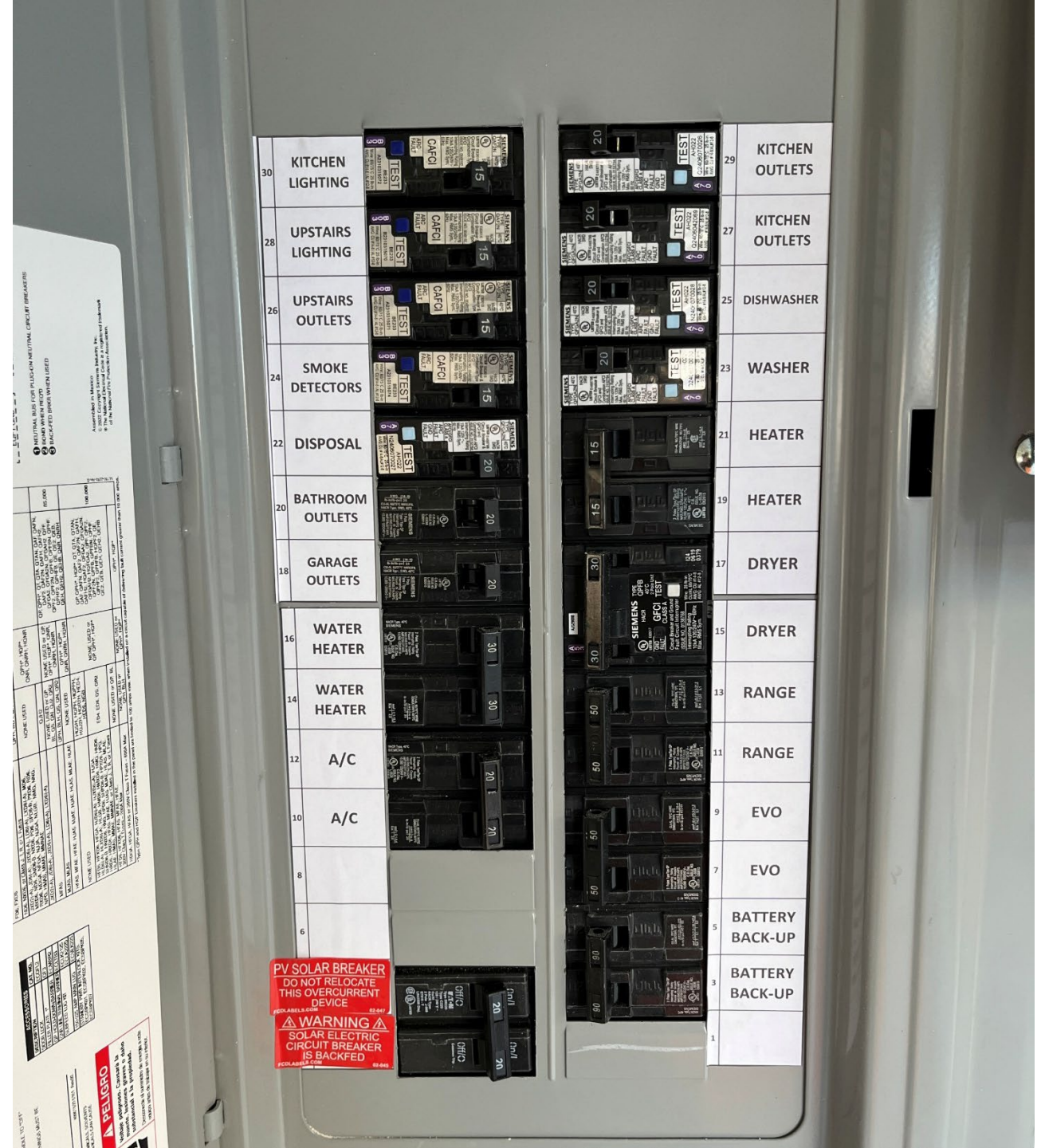
PHOTO GUIDE FOR REQUIRED PRE-REQUISITES

- Each of items shown in this guide is a mandatory requirement for participation in the Energy-Smart Homes incentive program and **must be installed as specified. No exceptions.**
- **Omission or improper installation** of any of the required items will result in the project being disqualified from the Energy-Smart Homes incentive program.
- **Disqualified projects will forfeit all program incentives. No exceptions.**

Electrical Panel Requirements for Electricians

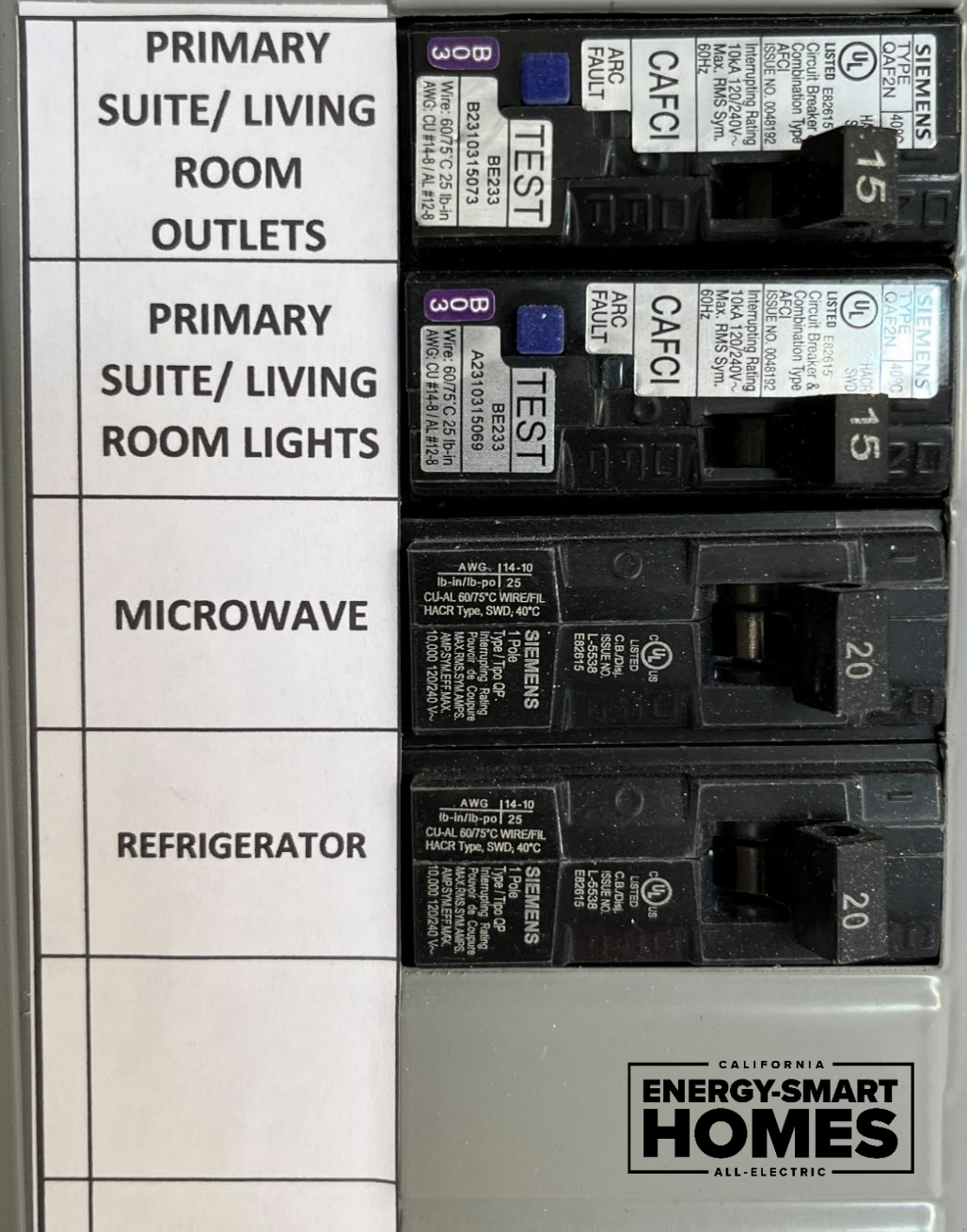
Segregated Circuits

- **Segregated circuits are required**, meaning interior lighting loads and plug loads must be placed on separate electrical circuits.
- **No single circuit can serve more than one load type**, each circuit must be dedicated solely to either lighting, plug loads, or a single major appliance.
- **Shared circuits across load types are not permitted** and will result in disqualification from the incentive program.



Battery Storage Readiness

- A minimum of four branch circuits must be designated and collocated at a subpanel intended for connection to an energy storage system (ESS).
- At least three of the designated circuits must include:
 - One circuit supplying the **refrigerator**
 - One **lighting circuit** located near the primary egress
 - One **receptacle outlet** serving a sleeping area
- The fourth circuit is **flexible** and may serve any load at the project team's discretion.



Electric Vehicle (EV) Plug

- All lots/units must include a **dedicated 208/240-volt branch circuit** installed in the raceway.
- A **208/240-Volt EV plug** must be installed in the garage or carport of each home.
- The branch circuit, overcurrent protective device, and plug must be rated for a minimum of 40 amps.
- For multifamily projects permitted before **July 1, 2024**, the **10% of EV Capable Spaces** (per CALGreen code) must have 208/240-volt EV plugs.
- Projects permitted after **July 1, 2024**, must fully comply with **CALGreen code 4.106.4.2.2** for EV charging infrastructure.

