



APPLIANCE SWAP OUT PERMIT GUIDE

This resource includes general guidance on siting and permitting your electrification project. These technologies are still relatively new to the market, and the information below may change as equipment models and best practices evolve. Please confirm necessary specifications with an experienced contractor for the model you select.

HEAT PUMP WATER HEATERS

PERMITS REQUIRED:

- Electrical Permit
- Plumbing Permit

ADDITIONAL INFORMATION NEEDED MAY INCLUDE:

- Partial floor or site plan of the heat pump water heater (HPWH) placement, as well as seismic bracing details.
- Manufacturer's specification sheet with installation instructions
- Existing main panel rating with a dedicated circuit with capacity for the HPWH as confirmed by a licensed electrical contractor. Include details if an electrical panel upgrade is required (*additional funds for panel upgrades are available, if this is the case*).
- An electrical disconnect (circuit breaker or a lockable switch) for the HPWH that is within sight of the appliance
- If installed in an attic or other elevated floor space:
 - Provide verification that the existing framing members will support the proposed dead loads of the HPWH,
 - Specify accessibility for service,
 - Specify drainage system; and,
 - Specify vacuum relief valves when the HPWH is installed above the hot water plumbing fixtures
 - A licensed general contractor should be able to help identify any additional structural needs if the heat pump is in an attic or other elevated floor space.
- Title 24, Part 6 of the California Energy Code may use either of the methods below (see [CEC Cheat Sheet](#) for additional guidance):
 - Prescriptive Certificate of Compliance Form [CEC-CF1R-ALT-050-E \(or paper version\)](#),
 - or
 - Performance Certificates of Compliance reporting modeling whole-home energy usage (more likely if the HPWH installation is part of a larger renovation project)

WHAT CLIMATE ZONE AM I IN?

Marin County contains two climate zones – Climate Zone 2 and Climate Zone 3. Climate Zones are established by the California Energy Commission, and can be found at https://www.energy.ca.gov/maps/renewable/building_climate_zones.html

DID YOU KNOW?

- Many Marin jurisdictions allow plumbing and electrical permits to be pulled instantly online. Visit your local building department's website to learn more.
- Bundling permit applications can save you money. For example, if you want to upgrade your water heater, stove, and electrical service panel, only one electrical permit would be necessary.

HEAT PUMP SPACE HEATING

PERMITS REQUIRED:

- Electrical Permit
- Mechanical Permit (to replace a furnace or change ductwork)

ADDITIONAL INFORMATION NEEDED MAY INCLUDE:

- Manufacturer's specification sheet with installation instructions
- Existing main panel rating with a dedicated circuit with necessary capacity as confirmed by a licensed electrical contractor. Include details if an electrical panel upgrade is required (*additional funds for panel upgrades are available, if this is the case*).
- An electrical disconnect (circuit breaker or a lockable switch) for the heat pump that is within sight of the appliance
- Title 24, Part 6 of the California Energy Code may use either of the methods below (see [CEC Cheat Sheet](#) for additional guidance):
 - Prescriptive Certificate of Compliance Form [CEC-CF1R-ALT-050-E \(or paper version\)](#),
or
 - Performance Certificates of Compliance reporting modeling whole-home energy usage (more likely if the heat pump installation is part of a larger renovation project)

INDUCTION COOKTOPS & RANGES

PERMITS REQUIRED:

- Electrical Permit

ELECTRICAL SERVICE PANEL UPGRADE

PERMITS REQUIRED:

- Electrical Permit

NEED TO UPGRADE YOUR SERVICE PANEL?

Consider future-proofing your service panel by considering what additional space you may need to electrify other appliances in your home. Talk to your electrician about what capacity you would need to swap remaining gas appliances, add solar, or charge an electric vehicle in your garage.