

Single Family Incentives for Heat Pump Water Heaters

TECH Clean California is offering substantial incentives direct to contractors supporting the installation of heat pump technologies in existing single family homes throughout the entire state of California. Incentives are available only to TECH Clean California-enrolled contractors. To learn more or sign up, please go to switchison.org/contractors/tech-clean-california.

These incentives are only available in retrofit scenarios where a heat pump is replacing a non-heat pump system.

The following incentives are available for qualifying single family heat pump water heater projects. These incentives can be stacked with other federal, state or local incentives, or tax credits.

Incentives

Incentive Rate	Unitary Heat Pump Water Heater Incentive	Low-GWP Kicker Incentive*	≥ 55-Gallon Capacity Incentive
General Market	\$3,100	\$1,500	\$700
Equity	\$4,185	\$1,500	\$700

*The low-GWP kicker applies to heat pump water heaters that use refrigerants with 150 GWP or less

Electrical and Pre-Electrification Upgrades

TECH Clean California is offering additional incentives to support electrical upgrades for all customers and additional pre-electrification incentives for customers who are eligible for equity incentives. Please note, only costs for work done under the participant's license may be considered as part of eligible costs. See this Knowledge Base article for more information: frontierenergy-tech.my.site.com/contractorsupport/s/article/Electrical-Panel-Upgrades.

Incentive Rate	Electrical/Pre-Electrification Upgrade Incentive	Incentive Cap
General Market	\$2,000	Capped at lesser between 50% of reported costs or \$2,000
Equity	\$4,000	Capped at lesser between 100% of reported costs or \$4,000

Eligible electrical upgrades include:

- Replacement, upgrade, or relocation of a main service panel (up to 200 amps)
- Installation of a smart load center/circuit breaker
- Installation of a subpanel
- Upgrade of a behind-the-meter feeder and/or secondary disconnect/dwelling unit main disconnect

Eligible equity pre-electrification incentives can cover the above electrical work and any of the following:

- Relocation of the heat pump water heater
- Additional plumbing and wiring upgrades
- Venting alterations or additions
- Replacement, repair, or seal of flooring, walls, or ceiling in cases of leakage or improper venting

Installation Requirements

Please note, single family unitary installations must meet the following requirements:

- All installations must include a thermostatic mixing valve that is properly installed and calibrated or integrated within the heat pump water heater.
- Heat pump water heaters must be programmed to shift energy usage outside of peak hours
 - This simply means setting the heat pump water heater to follow the customer's time-of-use rate via the manufacturer app. Installers must take a screenshot of this setup to upload to the claim form: frontierenergy-tech.my.site.com/contractorsupport/s/article/Unitary-HPWH-App-Processing-Checklist. More instructions available in this Knowledge Base article: frontierenergy-tech.my.site.com/contractorsupport/s/article/Heat-Pump-Water-Heater-Install-Requirements.
- Installed heat pump water heaters must be sized at a minimum to meet California Plumbing Code first-hour recovery rating.

Single Family Unitary Project Requirements

Equipment Requirements	California Energy Commission (CEC) JA13 compliant and either NEEA Residential HPWH with EcoPort or ENERGY STAR® Residential WH Version 4.0 (or later) Connected Product.
Installation Requirements	Contractor must set the heat pump water heater to follow a TOU rate schedule via the manufacturer app. Unit must be sized at a minimum to meet California Plumbing Code first-hour rating requirement.
Enrollment Requirements	Customer must enroll on a TOU rate and in a qualified demand response program.

Resources:

To learn more about the details of the program and application requirements, visit the following web pages:

- **Equipment Requirements:**
frontierenergy-tech.my.site.com/contractorsupport/s/article/Qualifying-Heat-Pump-Water-Heaters
- **Equity Incentives, Demand Response, and TOU Rates**
switchison.org/techcleanca/hpwh-incentives/
- **Claim Form Fields:**
<https://frontierenergy-tech.my.site.com/contractorsupport/s/article/Unitary-HPWH-Application-Fields>
- **Contractor Knowledge Base**
frontierenergy-tech.my.site.com/contractorsupport/s/
- **Incentive Resources**
switchison.org/contractors/incentive-resources/



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TECH Clean California is funded by California ratepayers and taxpayers and administered and implemented by Energy Solutions through a contract with Southern California Edison Company on behalf of various California utilities and under the auspices of the California Public Utilities Commission (CPUC).



These funds are available for **TECH Clean California-enrolled** contractors. To enroll into TECH Clean California, please scan the QR code for the Switch is On's enrollment form.

This is a great time for Californians to make the switch to heat pump water heaters. Make sure you are ready to help customers make the switch.

For any additional questions, please reach out to tech.info@energy-solution.com