## **TECH Clean California**

November 3rd, 2023





# **Climate Goals**

<b>SB 32:</b> 40% GHG reduc levels by 2030	tion below 1990	SB 100: 100% clean electricity by 2045	<b>Executive Order B-55-18:</b> Economy-wide carbon neutrality by 2045 (In July 2021, Governor Newson directed CARB to review feasibility of carbon neutrality by 2035)	W
			feasibility of carbon neutrality by 2035)	

		2029	2030	2031
	Agency	South Coast Air Quality Management District (proposed)	CARB (in development)	South Coast Air Quality Management District (proposed)
$\bigcirc$	Water Heating	Zero NOx	Zero Emissions (res + com)	Zero NOx
	HVAC	(res)		(comm)

## Leverage California's Heat Pump Investment to Help your Business

# California has a goal of 6million heat pumps by 2030....and they are investing big to get there

#### **TECH Clean California**

- \$120M
- \$50M added
- \$95M added

SGIP HPWH: \$80M

Equitable Electrification: \$900M+

#### Inflation Reduction Act: \$292M

#### What is TECH Clean California?



- California's statewide program to promote adoption of heat pump space heating and heat pump water heating.
- Over 1,000 California contractors already participating.
- Over \$31 million in heat pump incentives paid in 2022.
- Over 13,000 heat pump projects funded.

## **TECH Single Family HVAC**

Program Design Category	2023			
Total Statewide Budget	\$22M			
Incentive Structure	Flat			
Incentive Level	\$1,000 HP rebate only			
Eligible Customers	All customers in California			
Eligible Equipment	Code Minimum			
Project Limitations	Up to 2 incentives per household			
Furnace Backup	Accepted, must be part of AHRI matched system			
<b>Replacements Types Required</b>	Must be replacing an existing non-heat pump heating system			

TECH incentives can be **stacked** with other local, State and Federal incentives

# Statewide HPWH Program

- \$80.2 M in additional incentives funding for Heat Pump Water Heaters (HPWH)
- Incentives Fall 2023 end of 2025
- Incentives paid to contractors, passed through to customers
- Retrofit, not new construction
- Residential and commercial IOU customers
- New requirements regarding load shifting:
  - Enrollment in a demand response (DR) program
  - Customer enrollment on a time-of-use (TOU) rate
  - Installed to load shift (specifically via JA13 for residential unitary)



Related programs:

- Self-Generation Incentive Program
- TECH Clean California

## **Statewide HPWH Incentive Details**

Category	Customer Class	HPWH Incentive	*Low-GWP Kicker Incentive	≥ 55 Gallon Capacity Incentive	Electrical Panel Upgrade Incentive	Max Incentive
Residential Unitary	General Market	\$3,100	\$1,500	\$700	\$2,000	\$7,300
Residential Central	General Market Multifamily Central	\$900/kWh	\$200/kWh	N/A	N/A	<b>\$300,000</b> per project
Commercial Unitary	Large Commercial	\$700/kWh	\$200/kWh	N/A	N/A	\$50,000
Commercial Unitary	Small Business	\$3,100	\$1,500	N/A	N/A	N/A

\*Low-GWP refers to systems with GWP of 150 or less

#### **Incentive Process**

Step 1: Enroll and complete onboarding

Step 2: Make heat pump sale and submit incentive reservation to hold incentive money

**Step 3**: Complete installation and any required HERs testing, making sure to note information required on claim.

**Step 4**: Submit application!

**Step 5:** Receive incentive payment!

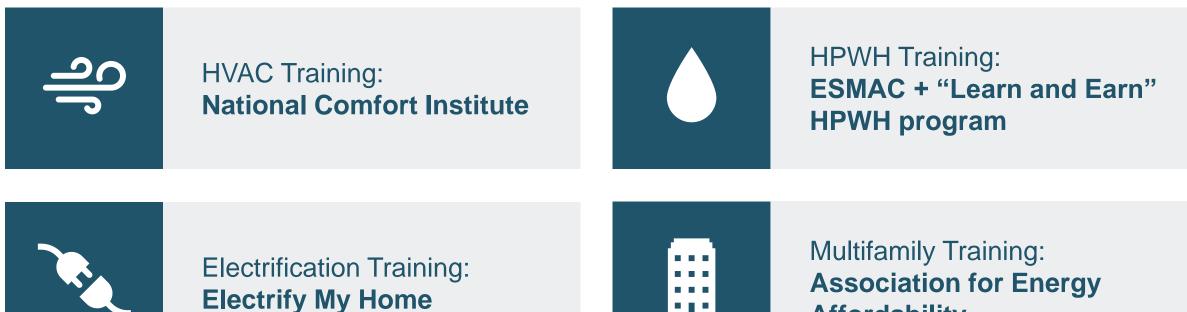


Turning contractors into fans of heat pumps.

#### Workforce Development

## **TECH Training- 2023**

All available 100% for Free to TECH Enrolled Contractors



**Association for Energy Affordability** 

Signs up available: https://switchison.org/contractors/training-hub/

# Thank You

For more information or to get involved, contact:

TECH.info@energy-solution.com

TECH.Contractor@energy-solution.com





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