

Thermostat Care 2024 Annual Survey Report



Per the
California Health and Safety Code Article 10.2.2
(Mercury Thermostat Collection Act of 2021)

Submitted to
California Department of Toxic Substances Control

Prepared by
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(Product Care)

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Background

On January 1, 2006, the State of California banned the sale of new mercury thermostats due to public health and safety concerns. Assembly Bill No. 707 (The Mercury Thermostat Collection Act of 2021) created California Health and Safety Code (HSC) Article 10.2.2 [25214.8.10 - 25214.8.19] with requirements to create a program for the collection, transportation, recycling and disposal of mercury thermostats, as well as a public education and outreach campaign. Product Care USA was selected as the qualified third party to implement this program.

Objectives

Compliant with HSC 10.2.2 [25214.8.10 - 25214.8.19] , Thermostat Care's goal is to execute an outreach campaign, facilitate public education, and implement a convenient, cost-effective and efficient program for the collection, handling, transportation and disposal of mercury thermostats.

In accordance with HSC 25214.8.13.5, Thermostat Care has "conduct[ed] an annual survey of the audiences listed in subdivision (c) of Section 25214.8.11.5 to evaluate the effectiveness of the education and outreach campaign developed by the qualified third party pursuant to that subdivision and to obtain collection data."

Methodology

The scope of Thermostat Care surveys included all 13 audience groups specified in HSC 10.2.2 [25214.8.10 - 25214.8.19] . Different survey platforms, questions, and distribution strategies were employed to suit the unique requirements, availability, and preferences of each targeted audience. It is important to note that participation in the survey is not mandatory for any of the 13 audiences. Additional details specific to each audience group can be found in the corresponding sections of this report.

Data collection occurred throughout May and June 2024, with all survey platforms officially closing on July 1, 2024. The data serves as a foundation for evaluating the effectiveness of the public education and outreach campaign, with initial baseline efforts beginning in the previous survey in 2023.

Executive Summary

Awareness regarding the health risks of mercury exposure was notably high across diverse audience groups and is increasing in certain audiences. In particular, audiences consistently understood the importance of the safe disposal of mercury thermostats. Notable in this year's survey was the increase in response rates across most audiences as compared to the 2023 survey, as well as an increase in recognition of Thermostat Care and safe disposal options.

Survey Results

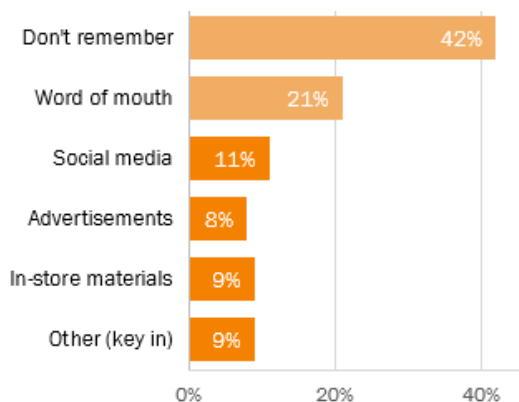
General Public

The digital survey was distributed to California residents through a third-party survey platform. 1,037 respondents completed the survey. Of note is that 43 of the survey respondents were contractors or service technicians, which is an increase from 2023 results and particularly relevant as they may potentially come in contact with mercury thermostats through their line of work.



- In terms of measuring the effectiveness of public education and outreach as it relates to awareness of mercury risks, 83% of the general public were aware of the risks associated with mercury exposure, which marks a slight increase from the previous survey in which 82% were aware. Additionally, 81% were aware that some thermostats contain mercury, an 8% increase from 2023.
- Demographically, 71% had an annual household income of \$100,000 or under, with 39% having \$50,000 or under in annual income.
- 71% of respondents were aware that safe disposal options exist. Among those who knew of safe disposal options, 27% learned their information via Thermostat Care tactics, such as social media, in-store materials, or advertisements, while 21% found out via word of mouth.

How did you learn of safe disposal options?



- Respondents were most familiar with Household Hazardous Waste (HHW) facilities as safe disposal locations.

Where can you properly dispose of a mercury thermostat?



- 7% of respondents were aware of the Thermostat Care program by name prior to this survey.
- Most respondents have at least one thermostat in their home. About 13% of respondents have a mercury thermostat still in use in their home.
- 9% of respondents disposed of a mercury thermostat with Thermostat Care or a similar thermostat safe disposal program.
- 28% of respondents changed or upgraded their thermostat in the past five years. 36% removed it themselves, while 62% hired someone to remove it. Of those who removed their thermostat themselves, 34% dropped it off for safe disposal while 30% still had their thermostat.

Homeowners

The digital survey was distributed to California homeowners through a third party survey platform to increase reach. 528 homeowners completed the survey.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, 87% of respondents were aware of mercury exposure risks. Similarly, 85% of homeowners were aware that some thermostats contain mercury. Both of these figures represent light increases from the 2023 survey. Additionally, 73% of homeowners knew there are safe disposal options for mercury thermostats.

- Homeowners were most familiar with HHW facilities as safe disposal options.

Where can you properly dispose of a mercury thermostat?



- 90% of homeowners have at least one thermostat, with 12% identifying them as mercury thermostats.
- 9% of homeowners disposed of a mercury thermostat with Thermostat Care or a similar thermostat safe disposal program.
- 33% of homeowners changed or upgraded their thermostat in the last five years, which was a significant decrease in comparison to 2023 (where 50% of respondents had changed their thermostat). 40% removed it themselves, while 58% hired a contractor or handyman to do so. Of those who removed it themselves, 36% dropped it off for safe disposal (a 13% increase from 2023) and 25% still have it.

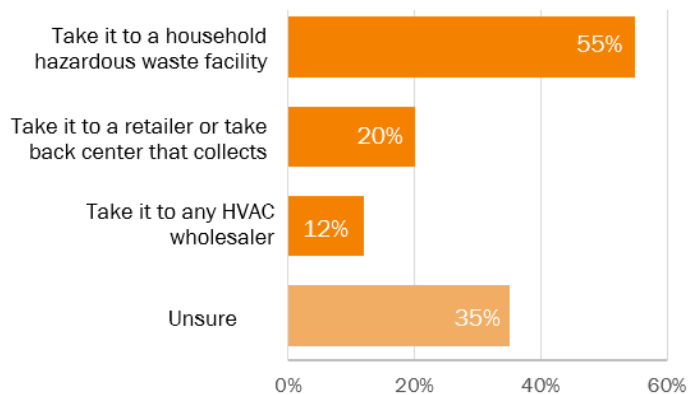
Rural Districts

The digital survey was distributed to rural California residents through a third-party survey platform to increase reach. 427 rural district residents completed the survey.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, 85% of rural district residents were generally aware of the risks associated with mercury exposure. Similarly, 86% were aware that some thermostats contain mercury. 73% also knew that there are safe disposal options for mercury thermostats. Awareness has increased across all three topics since 2023 6-9%.
- Rural district residents were most familiar with HHW facilities as safe disposal locations.

Where can you properly dispose of a mercury thermostat?



- 87% of rural district residents have at least one thermostat, with 13% identifying them as mercury thermostats.
- 29% of rural district residents changed or upgraded their thermostat in the last 5 years. 35% removed it themselves, while 63% hired a contractor or handyman to remove it. Of those who removed their thermostat themselves, 37% dropped it off for safe disposal whereas 37% still had their thermostat.

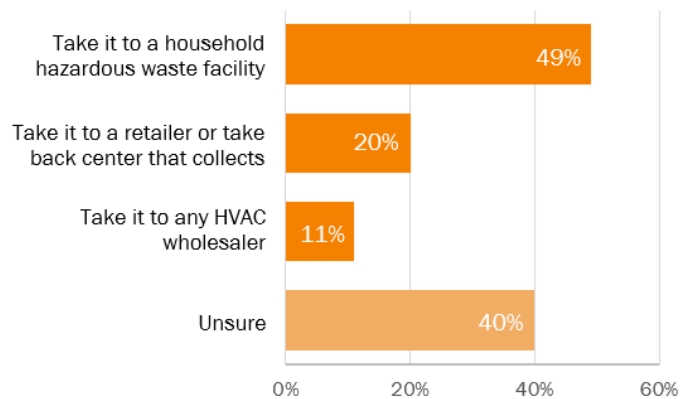
Disadvantaged or Low-Income Communities

The digital survey was distributed to California residents in disadvantaged or low-income communities through a third-party survey platform to increase reach. 589 residents in identified Disadvantaged or Low-Income Communities completed the survey.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, 82% of disadvantaged or low-income community residents were generally aware of mercury exposure risks, and 70% knew that mercury thermostat safe disposal options exist.
- Disadvantaged or low-income community residents were most familiar with HHW facilities as safe disposal locations.

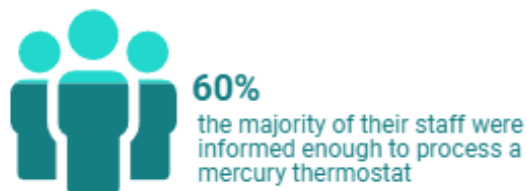
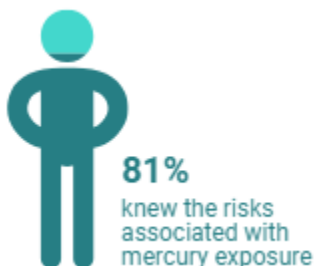
Where can you properly dispose of a mercury thermostat?



- 82% have at least one thermostat in the home, with 18% identifying it as a mercury thermostat.
- 25% of respondents changed or upgraded their thermostat in the last 5 years. 36% removed it themselves, while 62% hired a contractor or handyman to remove it. Of those who removed it themselves, 34% dropped it off for safe disposal while 28% still had their mercury thermostat.

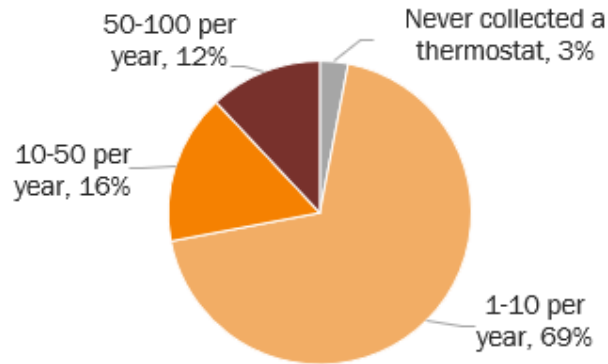
Retailers

This survey was conducted via phone outreach to a sample of retailers and wholesalers which were randomly selected from Thermostat Care's outreach databases. Up to three calls were placed to each sampled location and two reminder emails were sent to encourage participation. A total of 32 retail or wholesale store representatives participated in the survey (as compared to 19 respondents in 2023). 78% of survey respondents identified as a wholesale store and 22% as a retail store.

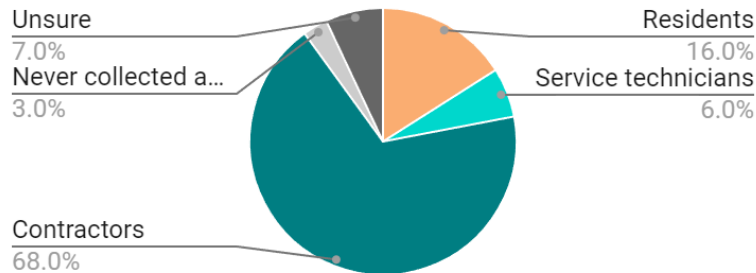


- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, 81% of retail store representatives were aware that health risks are associated with mercury exposure.
- 69% of retailers reported that "almost everyone" at their location is aware of the Thermostat Care program.
- 69% of retailers reported to collect 1-10 mercury thermostats annually.

How many mercury thermostats do you collect in a given year?



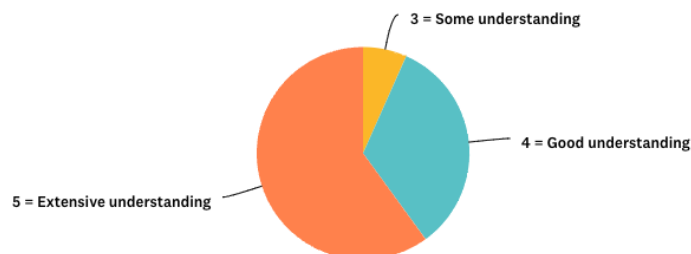
- Contractors were the primary source of mercury thermostats for most retailers, followed by residents and service technicians.



Household Hazardous Waste Collection Programs

The survey was conducted via phone outreach to all existing HHW program collection locations. Up to three calls were placed to each sampled location and two reminder emails were sent to encourage participation. The survey was also shared to the HHW Information Exchange (HHWIE) Google Group. 15 HHW program representatives participated in the survey.

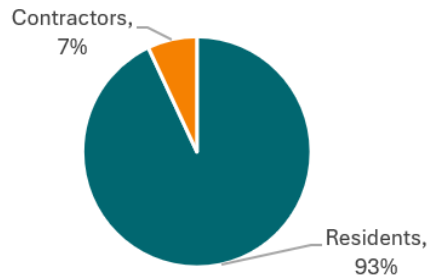
On a scale of 1-5, please indicate your understanding of the mercury thermostat safe disposal program Thermostat Care



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of the Thermostat Care program, all HHW representatives had “some”, “good”, or an “extensive understanding” of Thermostat Care. This is an increase of 9% from 2023.

- Residents were the primary source of mercury thermostats for most HHW locations, followed by contractors.

What is the primary source of mercury thermostats brought to your location?



- In terms of measuring effectiveness of partnering with collection locations, 73% of HHW representatives indicated that educational or promotional materials had “some”, “good”, or “extensive” effectiveness, a 9% increase from 2023.
- 67% of HHWs reported to collect 0-10 mercury thermostats annually, while 27% collect 10-50.

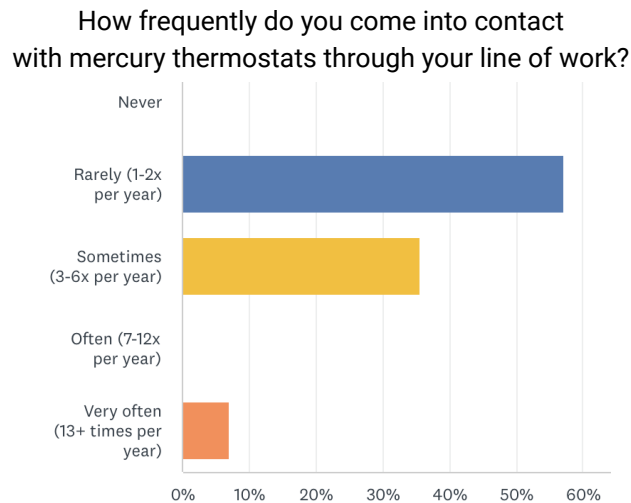
Heating, Ventilation, and Air Conditioning Contractors

This survey was conducted via email outreach to all active HVAC contractors with a private collection container in Thermostat Care's database. Up to four reminder emails were sent to each contractor to encourage participation. Additionally, the survey was distributed in person at a contractor trade association event to obtain more diverse responses. A total of 14 HVAC industry representatives participated in the survey, comprising 13 HVAC Contractors (C-20 Licensees through CSLB) and one HVAC apprentice.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of the Thermostat Care program, 100% of HVAC contractors had “some”, “good”, or an “extensive understanding” of Thermostat Care.
- 100% of HVAC contractors indicated that they and/or their staff were “fairly” or “very knowledgeable” about the need to safely dispose of mercury thermostats and about how to do so.

- 57% of HVAC contractors reported that they rarely come into contact with mercury thermostats in their line of work (1-2 times per year).



Demolition and Environmental Contractors and Related Associations

This survey was conducted via email outreach to demolition and environmental contractors and related associations. Up to four reminder emails were sent to each contact to encourage participation. A total of four individuals completed the survey, representing an increase from the 2023 response rate of one demolition contractor. The respondents included a mix of licensed contractors (C-21 and B Licensees through CSLB) and staff from demolition and environmental contractors.

- In terms of measuring effectiveness of public education and outreach as it relates to awareness of the Thermostat Care program and the need to properly dispose of mercury thermostats, 50% of demolition and environmental contractor representatives indicated that they have a “good” or “extensive understanding” of the program. Additionally, 50% reported being at least “fairly knowledgeable” about the need to safely dispose of mercury thermostats and about how to do so.
- 75% reported that they “rarely” (1-2 times per year) or “sometimes” (1-6 times per year) come into contact with mercury thermostats in their line of work, while one demolition and environmental contractor representative reported never coming into contact with mercury thermostats in their line of work.

The Contractors State License Board

This survey was conducted via email outreach to the California Contractors State License Board (CSLB), the sole licensing authority for 45 classifications of contractors across California. Two email requests were sent to encourage participation in the digital survey, with the goal of evaluating the effectiveness of education and outreach efforts. One CSLB staff member completed the survey, representing an improvement from 2023 when no responses were received. As the CSLB is one entity, this survey was focused on obtaining qualitative answers to improve partnership between Thermostat Care and CSLB. This participation follows the establishment of a relationship between Thermostat Care and the CSLB in October 2023, which has led to increased responsiveness and feedback on program improvements and partnership opportunities.

- The CSLB representative indicated they have a “good understanding” of Thermostat Care as a safe disposal program for mercury thermostats.
- In response to how Thermostat Care can best serve the CSLB and its licensees, the CSLB indicated several ways in which the program may be able to better effectively partner:
 - Thermostat Care and CSLB can co-promote best practices to licensees.
 - Thermostat Care can provide simple fact sheets to the CSLB to share with licensees.
 - Social media promotion could help get the information out to more contractors. This may include joint posts on Thermostat Care and CSLB accounts, re-sharing each other’s content, or tagging the other account on social media posts.

CSLB’s Engagement with CSLB-Licensed Contractors:

- The most common communication channels that the CSLB uses to engage with licensees are website, phone, and email/newsletter (in that order).
- The CSLB reported that they “sometimes” engage with their licensees about safe and compliant practices, such as the proper disposal of mercury thermostats. The CSLB also indicated that their licensees are “somewhat familiar” with proper mercury thermostat safe disposal practices.
- Notably, the CSLB stated that its primary method of educating members on the safe handling and disposal of mercury thermostats since the partnership began has been the Thermostat Care-provided materials such as a newsletter insert. See below for an example of a one-page insert placed in the CSLB’s Winter 2024 California Licensed Contractor newsletter that was digitally distributed to approximately 125,000 CSLB licensees across the state:

CALIFORNIA LICENSED CONTRACTOR *Newsletter*
WINTER 2024

Reminder to Contractors About Proper Disposal of Mercury Thermostats

Mercury thermostats are considered universal waste and can pose a serious health hazard to our communities and environment. In 2006, the State of California banned the sale of mercury-containing thermostats due to public health and safety concerns, but there are still old mercury thermostats in circulation across the state.

California licensed contractors, particularly in the C-20 Warm-Air Heating, Ventilating and Air-Conditioning and C-21 Building Moving and Demolition classifications, play a crucial role in ensuring the safe disposal of these thermostats because they are likely to come across mercury thermostats in their projects. For example, contractors assisting a resident in replacing a manual mercury thermostat with a digital or smart energy-saving thermostat must adhere to Universal Waste Regulations concerning proper handling and disposal.

If mercury-containing thermostats are mishandled, they can easily



break, become a health risk, and contaminate water and soil. With this in mind, mercury thermostats cannot be discarded in regular household trash. The improper disposal of just one mercury thermostat can have a significant impact on public health.

Thermostat Care is a nonprofit program tasked by the [California Department of Toxic Substances Control](#) with keeping mercury thermostats out of our landfills

and ensuring they are disposed of safely. Thermostat Care helps contractors across California comply with regulations by providing a free collection container with pre-paid shipping to send mercury thermostats to Thermostat Care for safe and proper management.

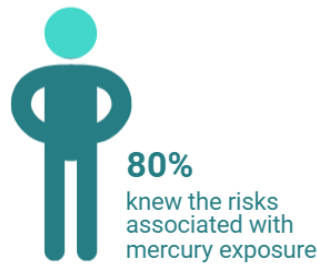
Contractors can request a free collection container with pre-paid shipping by completing a **large bin** or **small pail** request form and emailing it to the Thermostat Care team at ContainerRequests@ThermostatCare.org.

For more information on safe disposal, visit Thermostat Care’s contractors page at thermostatcare.org/contractors.



Municipal Utility Districts

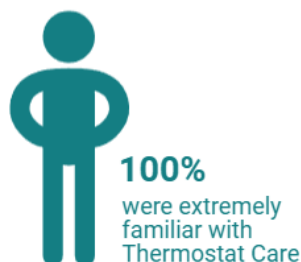
A Municipal Utility District (MUD) is a type of special district, defined by [California Special Districts Association](#) (CSDA) as “local governments created by the people of a community to deliver specialized services essential to their health, safety, economy and well-being.” This survey was conducted via phone and email to MUDs. Representatives from 7 MUDs participated in the survey (an increase from 5 respondents in 2023).



- In terms of measuring effectiveness of public education and outreach regarding awareness of mercury risks, 80 percent of MUDs were aware of mercury exposure risks. This figure has remained consistent with the 2023 survey results.
- In terms of measuring effectiveness of public education and outreach regarding awareness of the Thermostat Care program, 86 percent of MUDs reported having "some", "good", or "extensive understanding" of the program.
- In an open-ended response, 43% of MUDs suggested that having print materials to display or distribute at their offices, events, or community centers would be helpful in improving their customers' understanding of the program.
- 86% of MUDs participate in a demand response program involving thermostat replacement. This indicates that outreach efforts to MUDs could boost engagement with demand response initiatives, fulfilling a requirement of AB707.
- In an open-ended question asking respondents how Thermostat Care can best partner with them:
 - 29% of MUDs suggested engaging in social media cross-promotion or collaboration with Thermostat Care
 - 29% recommended Thermostat Care continue to provide materials to MUDs, so they can be printed and shared by MUDs with customers

Apartment and Property Management Associations and Organizations

This survey was conducted via phone and email outreach to apartment and property management associations and organizations. These groups serve as intermediaries to reach property owners and managers, who have historically been more challenging to engage directly. To encourage participation, respondents were offered the choice of a phone conversation or an online form. One representative from an apartment and property management association/organization completed the survey.



- In terms of measuring effectiveness of public education and outreach regarding awareness of the Thermostat Care program, the association reported being "extremely familiar" with Thermostat Care.
- The association indicated that they were "extremely familiar" with the potential dangers of mercury exposure.
- Newsletters and email were noted as the most effective platforms for communicating with their members. The association indicated that they do not use social media, blog posts, or website banners for communication with members.
- To improve the partnership, the association suggested that Thermostat Care consider placing an ad or insert in their newsletter more frequently.

The Public Utilities Commission

The California Public Utilities Commission (CPUC) is a regulatory agency that oversees public utilities, including energy, telecommunications, and transportation services, to ensure that Californians have access to safe and reliable utility infrastructure and services. Since Thermostat Care's inception in July 2022, numerous efforts have been made to create and build a relationship with the California Public Utilities Commission, including researching contacts and CPUC team members, emailing, and conducting phone calls with the intent of forging a partnership.

A digital survey was created and distributed to the CPUC via phone and email with the aim of assessing the effectiveness of education and outreach initiatives.

- Four phone calls and six emails were conducted to the CPUC to distribute the survey.
- The CPUC was unresponsive to both phone and email outreach.
- At a conference, a CPUC team member mentioned it would be difficult to partner as they are primarily a ministerial organization.

In further attempts to forge partnership opportunities with the CPUC, Thermostat Care explored nontraditional or unique avenues:

- Golden State Rebates
 - A partnership was formed with the Golden State Rebates incentive program funded by the CPUC. This collaboration has expanded Thermostat Care's reach and facilitated unique, impactful engagement within the CPUC's regulatory framework.
- Utilities overseen by CPUC
 - A digital survey was created and distributed to the utilities overseen by CPUC via five phone calls and 24 email requests with the aim of assessing the effectiveness of education and outreach initiatives. Two utilities completed the survey.
 - Both utilities reported having a "good" or "extensive understanding" of the Thermostat Care program.
 - One utility stated that it would be valuable for the utility to display or distribute information on mercury disposal in order to enhance the understanding of the program among their customers. This could be achieved through sharing or creating customized promotional materials specific to this purpose.
 - Responses were evenly split regarding participation in a demand response program involving thermostat replacement, with 50% of utilities reporting participation and 50% reporting non-participation.
 - One utility suggested developing co-branded materials that align with utility rebate programs for better partnership.

The State Energy Resources Conservation and Development Commission

The State Energy Resources Conservation and Development Commission, established in 1974, is the state's primary energy policy and planning agency, responsible for promoting energy efficiency, reducing energy waste, and advancing the use of renewable energy sources. Since Thermostat Care's inception in July 2022, numerous efforts have been made to create and build a relationship with the California Energy Commission (formally the Energy Resources Conservation and Development Commission), including via email, phone, and in-person event outreach.

A digital survey was created and attempted to be conducted to the California Energy Commission (CEC) via two phone calls and three email requests with the aim of assessing the effectiveness of education and outreach initiatives. One CEC employee completed the survey.

CEC Communications

- CEC states that its audience includes California residents, utilities, businesses, and other key stakeholders within the state's energy ecosystem.
- The most common communication channels that the CEC uses to engage with its audience are email/newsletter, website, and through trade associations.

Thermostat Care & CEC's Partnership

- In terms of how Thermostat Care can best partner with the California Energy Commission, the CEC recommended reaching out to the Building Standards Branch. However, they noted that direct partnership at the staff level is not feasible. Instead, a formal proposal must be submitted to the CEC Commissioners for a vote.
- Survey conversations highlighted a potential area for improvement in terms of CEC understanding of the Thermostat Care program. A CEC representative suggested potential solutions such as Thermostat Care preparing a brief or single source to distribute internally amongst the CEC to increase awareness and education levels on the program.

Next Steps

Per Health and Safety Codes, these survey results will be posted to Thermostat Care's website, www.ThermostatCare.org, as of September 1, 2024, and will remain available for public comment for a minimum of 30 days. Thermostat Care will "review annual survey responses and public comments, and if warranted, by November 1, [2024] submit to the department for its review and approval proposals to modify the program."

Appendix

Collection Data

The following mercury thermostat collection data was reported in the 2023 Annual Report and supports efforts to evaluate and obtain collection data.

Total number of mercury thermostats collected	Total number of mercury switches collected	Estimated total pounds of mercury collected
5,941	14,784	91.66

Below is a table showing the number of mercury thermostats (MT) at each location received by processing partner Veolia during 2023. Please note that any locations not listed below did not submit any mercury thermostats in 2023.

Location	Address	City	County	Zip	# of MT Collected
Cole Hardware Rockridge	5533 College Ave	Oakland	Alameda	94618	20
Pastime Hardware	10057 San Pablo Ave	El Cerrito	Contra Costa	94530	6
Lowe's	875 Shaw Ave	Clovis	Fresno	93612	1
Ken's Ace Hardware	303 S Diamond Bar Blvd	Diamond Bar	Los Angeles	91765	1
San Dimas Ace Hardware	201 W Bonita Ave	San Dimas	Los Angeles	91773	6
Cole Hardware	956 Cole St.	San Francisco	San Francisco	94117	5
Progress Hardware	724 Irving St.	San Francisco	San Francisco	94122	1
Brisbane Hardware and Supply Inc	1 Visitacion Ave	Brisbane	San Mateo	94005	2
Hassett Ace Hardware	282 Woodside Plaza	Redwood City	San Mateo	94061	4
Blossom True Value Hardware	1297 W El Camino Real	Mountain View	Santa Clara	94040	3
Bruce Bauer Lumber & Supply*	134 San Antonio Cir	Mountain View	Santa Clara	94040	2
Coast Hardware Do It Best*	5028 Hwy 140	Mariposa	Mariposa	95338	1
AC Pro	9214 Artesia Blvd	Bellflower	Los Angeles	90706	15
AC Pro	2040 Oceanside Blvd	Oceanside	San Diego	92054	12
Ac Pro	2192 N. Batavia St.	Orange	Orange	92865	15
AC Pro	12365 Central Ave	Chino	San Bernardino	91710	46
Ac Pro	2181 Meyers Ave, Suite B	Escondido	San Diego	92029	33

Ac Pro	23456 South Pointe Blvd, Suite B	Laguna Hills	Orange	92653	43
Ac Pro	3060 E. La Palma Ave	Anaheim	Orange	92806	18
Ac Pro	9216 Eton Ave	Chatsworth	Los Angeles	91311	28
AC Pro	13230 Evening Creek Dr. South	San Diego	San Diego	92128	21
AC Pro	1622 Illinois Ave, Unit 18 & 19	Perris	Riverside	92570	15
Ac Pro	1751 Malborough Ave	Riverside	Riverside	92507	23
Ac Pro	7606 Garden Grove Blvd	Westminster	Orange	92683	38
Ac Pro	1402 N. Magnolia Ave	El Cajon	San Diego	92020	27
Air Cold Supply - A Ferguson Enterprise	1346 S. Claudina St.	Anaheim	Orange	92805	32
Air Cold Supply - A Ferguson Enterprise	13500 Saticoy St.	Van Nuys	Los Angeles	91402	23
Air Cold Supply - A Ferguson Enterprise	2751 Durahart St.	Riverside	Riverside	92507	17
Air Cold Supply, A Ferguson Enterprise	26999 Industrial Blvd	Hayward	Alameda	94545	4
Allied Refrigeration	199 S. Marshall St.	El Cajon	San Diego	92020	5
Allied Refrigeration	2175 Adams Ave	San Leandro	Alameda	94577	36
Allied Refrigeration	1211 E. Edinger Ave	Tustin	Orange	92780	227
Allied Refrigeration	917 Mc Garry St.	Los Angeles	Los Angeles	90021	26
Allied Refrigeration	2300 E. 28th St.	Signal Hill	Los Angeles	90755	4
Allied Refrigeration	3650 Holdrege Ave	Los Angeles	Los Angeles	90016	42
Allied Refrigeration	15558 Cabrito Rd	Van Nuys	Los Angeles	91406	21
American Refrigeration Supplies, Inc.	145 11th St.	San Francisco	San Francisco	94103	5
American Refrigeration Supplies, Inc.	1501 Pomona Rd, Suite 102	Corona	Riverside	92880	3
American Refrigeration Supplies, Inc.	2703 5th St., Suite 7	Sacramento	Sacramento	95818	4
Baker Distributing Co.	3020 South Kilson Dr	Santa Ana	Orange	92707	21
Baker Distributing Company	149 Union Ave	Bakersfield	Kern	93307	25
Cfm Equipment Distr., Inc.	890 Service St., Suite G	San Jose	Santa Clara	95112	3
Coast Appliance Parts	5916 Kester Ave	Van Nuys	Los Angeles	91411	5
Daikin Comfort	1225 N. Kraemer Blvd	Anaheim	Orange	92806	14
Ferguson	26470 Summit Cir	Santa Clarita	Los Angeles	91350	12
Ferguson Heating & Cooling	640 Ayon Ave	Azusa	Los Angeles	91702	8

Ferguson Heating & Cooling	11244 Playa Ct	Culver City	Los Angeles	90230	4
Ferguson Heating & Cooling	1224 North Marshall	El Cajon	San Diego	92020	44
Ferguson Heating Cooling	605 E. Cerritos Ave	Anaheim	Orange	92805	3
Ferguson Heating Cooling	9401 Oso Ave	Chatsworth	Los Angeles	91311	63
Geary Pacific Supply	16665 Arminta St.	Van Nuys	Los Angeles	91406	8
Geary Pacific Supply	4365 Jetway Ct	North Highlands	Sacramento	95660	4
Geary Pacific Supply	1161 W. Bradley Ave	El Cajon	San Diego	92020	18
Geary Pacific Supply	1200 E. Cerritos Ave	Anaheim	Orange	92805	42
Geary Pacific Supply	16037 Foothill Blvd	Irwindale	Los Angeles	91702	72
Geary Pacific Supply	6421 Box Springs Blvd	Riverside	Riverside	92507	35
Geary Pacific Supply	16665 Arminta St.	Van Nuys	Los Angeles	91406	12
Geary Pacific Supply	8711 Airport Rd	Redding	Shasta	96002	8
Goodman Dist. 706	5160 Richton St., Suite A	Montclair	San Bernardino	91763	18
Goodman Distribution	23021 Normandie Ave	Torrance	Los Angeles	90501	14
Goodman Distribution	2425 Auto Park Way, Suite 200	Escondido	San Diego	92029	4
Goodman Distribution	9440 Lurline Ave	Chatsworth	Los Angeles	91311	27
Goodman Distribution	20035 E. Walnut Dr	City of Industry	Los Angeles	91789	19
Goodman Distribution Inc. 768	16150 Stagg St.	Van Nuys	Los Angeles	91406	16
Goodman Distribution, Inc 764	18085 Euclid St.	Fountain Valley	Orange	92708	18
Goodman Distribution, Inc.	8825 Washington Blvd Ste. 400	Roseville	Placer	95678	10
Goodman Distribution, Inc.	3562 Ruffin Rd	San Diego	San Diego	92123	1
Goodman Distribution, Inc.	315 Cloverleaf Dr	Baldwin Park	Los Angeles	91706	28
Goodman Distribution, Inc.	1900 Compton Ave, Suite 102	Corona	Riverside	92881	11
Goodman Distribution, Inc.	3633 Lenawee Ave, Suite 180	Los Angeles	Los Angeles	90016	20
Goodman Distribution, Inc.	1070 Commercial St. Suite 103	San Jose	Santa Clara	95112	2
Goodman Distribution, Inc.	3334 San Fernando Rd, Suite 102	Los Angeles	Los Angeles	90065	13
Gow Supply Company	1492 Egbert Av	San Francisco	San Francisco	94124	23
Heating & Cooling Supply, LLC	685 N. Poplar St.	Orange	Orange	92868	41

Heating & Cooling Supply, LLC	14742 Raymer St.	Van Nuys	Los Angeles	91405	11
Heating Cooling LLC	7321 Roseville Rd, Suite 10	Sacramento	Sacramento	95842	1
Hirsch Pipe & Supply Co., Inc.	7521 Garden Grove Blvd	Garden Grove	Orange	92841	3
Hirsch Pipe & Supply Co., Inc.	1011 N. Gower St.	Hollywood	Los Angeles	90038	2
Hirsch Pipe & Supply Co., Inc.	12024 Sherman Way	North Hollywood	Los Angeles	91605	1
Howard Industries	8855 Washington Blvd	Culver City	Los Angeles	90232	115
JM's Refrigeration	1061 F St.	Wasco	Kern	93280	3
Johnstone	2810 Temple Ave	Long Beach	Los Angeles	90806	44
Johnstone Supply	2750 La Mirada Dr	Vista	San Diego	92081	100
Johnstone Supply	520 E. Dyer Rd	Santa Ana	Orange	92707	30
Johnstone Supply	1903 Friendship Dr	El Cajon	San Diego	92020	250
Johnstone Supply	518 E Ball Rd	Anaheim	Orange	92805	83
Johnstone Supply	19005 Parthenia Rd	Northridge	Los Angeles	91324	130
Johnstone Supply	2130 "V" St.	Bakersfield	Kern	93301	15
Johnstone Supply	42655 Rio Nedo	Temecula	Riverside	92590	55
Johnstone Supply	11725 Inglewood Ave	Hawthorne	Los Angeles	90250	58
Johnstone Supply	1000 El Sobrante Rd	Corona	Riverside	92879	14
Johnstone Supply	1445 San Mateo Ave	South San Francisco	San Mateo	94080	32
Johnstone Supply	25027 Anza Dr	Valencia	Los Angeles	91355	35
Johnstone Supply 098	200 Talmadge DrE	Santa Rosa	Sonoma	95407	20
Johnstone Supply 140	1528 Moffett St.	Salinas	Monterey	93905	12
Johnstone Supply 328	1755 Grogan Ave	Merced	Merced	95341	15
Johnstone Supply Co	4320 Pacific Hwy	San Diego	San Diego	92110	21
Johnstone Supply Co	23211 Del Lago Dr	Laguna Hills	Orange	92653	36
Johnstone Supply Co	16147 Avenida Patilla	Irwindale	Los Angeles	91702	16
Johnstone Supply Co	1985 Arnold Industrial Way, Unit B	Concord	Contra Costa	94520	17
Johnstone Supply San Bernardino	584 Inland Center Dr	San Bernadino	San Bernardino	92408	11
Johnstone-Commerce	9143 Perkins St.	Pico Rivera	Los Angeles	90660	21
Johnstone-Santa Barbara	740 Cacique St.	Santa Barbara	Santa Barbara	93103	29
Johnstone-Ventura	5960 Valentine Rde 3	Ventura	Ventura	93003	20
Lennox	2539 Mercantile Dr, Suite 2	Rancho Cordova	Sacramento	95742	3
Lennox Industries Inc.	3410 San Fernando Rd, Unit 5	Los Angeles	Los Angeles	90065	12

Lennox Industries Inc.	1021 Striker Ave	Sacramento	Sacramento	95834	75
Lennox Stores	19801 Nordhoff Pl 109	Chatsworth	Los Angeles	91311	18
Lennox Stores	422 S. Abbott Ave	Milpitas	Santa Clara	95035	1
National Ventilating And Equipment Company	3205 F St.	San Diego	San Diego	92102	5
R. E. Michel Co	1039 E. Lacy Ave	Anaheim	Orange	92805	35
R.E. Michel Co.	501 Riverside Ave	Paso Robles	San Luis Obispo	93446	4
R.E. Michel Company	2350 Mulberry St.	Riverside	Riverside	92501	12
R.E. Michel Company, Inc.	1359 Oakland Rd	San Jose	Santa Clara	95112	42
R.E. Michel Company, Inc.	5370 Third St.	Irwindale	Los Angeles	91706	28
R.E. Michel Company, Inc.	1437 Fayette St.	El Cajon	San Diego	92020	23
Refrigeration Supplies Distributor (RSD)	10170 Croydon Way, Suite 1	Sacramento	Sacramento	95827	17
Refrigeration Supplies Distributor (RSD)	1201 Monterey Pass Rd	Monterey Park	Los Angeles	91754	77
Refrigeration Supplies Distributor (RSD)	702 W. 190th St.	Gardena	Los Angeles	90248	73
Refrigeration Supplies Distributor (RSD)	640 Commerce Dr	Roseville	Placer	95678	13
Refrigeration Supplies Distributor (RSD)	2551 Stanwell Dr, Suite A	Concord	Contra Costa	94520	53
RSD	6391 Orangethorpe Ave	Buena Park	Orange	90620	8
RSD	26021 Atlantic Ocean Dr	Lake Forest	Orange	92630	27
RSD	7332 Convey Ct Suite A	San Diego	San Diego	92111	13
RSD	21727 Nordhoff St.	Chatsworth	Los Angeles	91311	12
RSD	1705 E Francis St.	Ontario	San Bernardino	91761	22
RSD	436 Hester St.	San Leandro	Alameda	94577	45
RSD	285 Lawrence Ave	South San Francisco	San Mateo	94080	16
RSD	2745 Temple Ave	Signal Hill	Los Angeles	90755	9
RSD	2890 E Coronado St.T	Anaheim	Orange	92806	26
RSD	117 Via Trevizio	Corona	Riverside	92879	18
RSD	14901 Raymer St.	Van Nuys	Los Angeles	91405	12
RSD Santa Ana	2100 E Wilshire Ave E	Santa Ana	Orange	92705	6
Rubenstein Supply Company	2800 San Pablo Ave	Oakland	Alameda	94608	8
Russell Sigler Inc.	3648 E Industry Ave	Lakewood	Los Angeles	90712	53
Russell Sigler Inc.	804-A Rancheros Dr	San Marcos	San Diego	92069	7

Sigler Wholesale Distributors	2641 Lindsay Privado Dr	Ontario	San Bernardino	91761	7
Sigler Wholesale Distributors	205 S.Puente St.	Brea	Orange	92821	29
Sigler Wholesale Distributors	21200 Lassen St.	Chatsworth	Los Angeles	91311	20
Sigler Wholesale Distributors	2000 Anchor Ct, Suite B	Thousand Oaks	Ventura	91320	25
Sigler Wholesale Distributors	14751 Meridian Parkway	Riverside	Riverside	92518	4
Sigler Wholesale Distributors	21200 Lassen St.	Chatsworth	Los Angeles	91311	33
Sigler Wholesale Distributors	229 Littlefield Ave, Suite 4	South San	San Mateo	94080	2
Slakey Brothers	12277 Loma Rica Dr. Suite E	Grass Valley	Nevada	95945	4
Slakey Brothers	1001 Oates Ct	Modesto	Stanislaus	95358	16
Slakey Brothers	2460 Bates Ave	Concord	Contra Costa	94520	1
Slakey Brothers	1480 Nicora Ave	San Jose	Santa Clara	95133	7
Slakey Brothers	2608 Chanticleer Ave	Santa Cruz	Santa Cruz	95065	50
Slakey Brothers Yuba City	545 BOYD STREET	YUBA CITY	Sutter	95991	19
Trane	21720 Wilmington Ave, Suite 308-309	Long Beach	Los Angeles	90810	7
Trane Company	15551 Red Hill Ave, Suite C	Tustin	Orange	92780	4
Trane Supply	20450 E. Walnut Dr. N	Diamond Bar	Los Angeles	91789	4
U.S. Air Conditioning Distributors (USACD)	9836 Alburtis Ave	Santa Fe Springs	Los Angeles	90670	46
U.S. Air Conditioning Distributors (USACD)	1100 Chestnut St.	Burbank	Los Angeles	91506	39
U.S. Air Conditioning Distributors (USACD)	1233 N. 5th St.	San Jose	Santa Clara	95112	11
U.S. Air Conditioning Distributors (USACD)	550 Del Norte Blvd	Oxnard	Ventura	93030	70
U.S. Air Conditioning Distributors (USACD)	235 E. Ave K-10	Lancaster	Los Angeles	93535	46
U.S. Air Conditioning Distributors (USACD)	2225 Colby Ave	Los Angeles	Los Angeles	90064	16
United Refrigeration	3120 Paseo Mercado, St. 101	Oxnard	Ventura	93036	33
United Refrigeration	1848 E. Griffith Way	Fresno	Fresno	93726	34
United Refrigeration	1123 Lone Palm Ave	Modesto	Stanislaus	95351	9

United Refrigeration	904 Commercial St.	San Jose	Santa Clara	95112	3
United Refrigeration	933 Washington St.	San Carlos	San Mateo	94070	23
United Refrigeration, Inc.	41573 Cherry St.	Murrieta	Riverside	92562	15
United Refrigeration, Inc.	1920 E. McFadden Ave	Santa Ana	Orange	92705	10
United Refrigeration, Inc.	41573 Cherry Street	Murrieta	Riverside	92562	8
United Refrigeration, Inc.	77670 Springfield Ln, Suite 5A	Palm Desert	Riverside	92211	2
Us Air Conditioning Distributors (USACD)	9250 Owensmouth Ave	Chatsworth	Los Angeles	91311	51
Us Air Conditioning Distributors (USACD)	7628 Sepulveda Blvd	Van Nuys	Los Angeles	91405	76
Us Air Conditioning Distributors (USACD)	2751 Temple Ave	Signal Hill	Los Angeles	90755	95
Us Air Conditioning Distributors (USACD)	16900 Chestnut St.	City of Industry	Los Angeles	91748	88
Us Air Conditioning Distributors (USACD)	2531 S. Alameda St.	Vernon	Los Angeles	90058	14
Us Air Conditioning Distributors (USACD)	2100 Chicago Ave	Riverside	Riverside	92507	58
Us Air Conditioning Distributors (USACD)	3333Orange Grove	North Highlands	Sacramento	95660	7
Us Air Conditioning Distributors (USACD)	2455 Teepee Dr	Stockton	San Joaquin	95205	14
Us Air Conditioning Distributors (USACD)	27470 Colt Ct	Temecula	Riverside	92590	16
Us Air Conditioning Distributors (USACD)	1238-A Simpson Way	Escondido	San Diego	92029	11
Us Air Conditioning Distributors (USACD)	1995 Fairway Dr	San Leandro	Alameda	94577	13
Us Air Conditioning Distributors, Inc. (USACD)	1304 S. Claudina St.	Anaheim	Orange	92805	28
Us Air Conditioning Distributors, Inc. (USACD)	1250 N. Marshall Ave	El Cajon	San Diego	92020	56
Us Air Conditioning Distributor (USACD)	16950 Chestnut St.	City of Industry	Los Angeles	91748	51
Us Air Conditioning Distributor (USACD)	495 Marquita Ave	Paso Robles	San Luis Obispo	93446	10
W.W. Grainger, Inc.	1151 E. Columbia Ave	Riverside	Riverside	92507	7
Wholesale Solutions	720 Sixth St.	Napa	Napa	94559	4

Alameda County Household Haz. Waste Program	2091 W Winton Ave	Hayward	Alameda	94545	26
Alameda County Household Haz. Waste Program*	2263 Santa Clara Ave	Alameda	Alameda	94501	75
City Of Fremont PHHWCF	41149 Boyce Rd	Fremont	Alameda	94538	19
Central Contra Costa Sanitary District	4797 Imhoff Pl	Martinez	Contra Costa	94553	49
South Tahoe Refuse Transfer Station	2140 Ruth AVE.	South Lake Tahoe	El Dorado	96150	49
Kern County Special Waste Facility	4951 Standard St.	Bakersfield	Kern	93308	9
City of Palmdale	38250 Sierra Hwy	Palmdale	Los Angeles	93551	7
Nevada County H.H.W. Facility	14741 Wolf Mtn Rd	Grass Valley	Nevada	95949	27
City Of Sacramento Phhwcf	8491 Fruitridge Rd	Sacramento	Sacramento	95826	20
County Of Sacramento	4450 Roseville Rd	North Highlands	Sacramento	95660	15
City of Elk Grove Special Waste Collection Center	9255 Disposal Ln	Elk Grove	Sacramento	95624	8
San Bernardino County HHW	2824 East W St., Bldg 302	San Bernadino	San Bernardino	92408	47
City Of San Diego, HHW Transfer Facility	5161 Convoy St.	San Diego	San Diego	92111	31
County Of San Diego HHW Collection Facility, Ramona	324 Maple St.	Ramona	San Diego	92065	8
San Joaquin County HHW Facility	7850 R. A. Bridgeford St.	Stockton	San Joaquin	95206	31
San Mateo County HHW Facility**	32 Tower Rd	San Mateo	San Mateo	94402	9
City Of Lompoc	1585 N. V St.	Lompoc	Santa Barbara	93436	3
Bay Counties Waste Services	301 Carl Rd	Sunnyvale	Santa Clara	94089	3
City Of Redding Solid Waste	2255 Abernathy Ln	Redding	Shasta	96003	33
Sonoma County HHW - Clean Harbors	500 Mecham Rd, Building 5	Petaluma	Sonoma	94952	24
Yolo County Central Landfill	44090 COUNTY RD 28 H	WO	Yolo	95776	12
CP Mechanical (formerly: Bayside Heating Air	720 S Amphlett Blvd	San Mateo	San Mateo	94402	8

Conditioning)					
Bill Howe Plumbing	9085 Aero DrB	San Diego	San Diego	92123	17
Seaside Heating & Air Conditioning, Inc.	1359 Rocky Point Dr	Oceanside	San Diego	92056	10
Burgesons Heating & Ac	620 Tennessee St. ST	Redlands	San Bernardino	92374	29
Total Environmental Power Systems	2500 Bisso Lane, Suite 500	Concord	Contra Costa	94520	5
Randazzo Enterprises, Inc.	13550 Blackie Rd	Castroville	Monterey	95012	1
Mcclelland Air Conditioning	801 Marauder St.	ChicoO	Butte	95973	9
John Harrison Contracting	1143 W. Lincoln St.	Banning	Riverside	92220	38
Reliable Air Conditioning & Heating	5719 Auckland Ave	North Hollywood	Los Angeles	91601	54
Smith Heating And Air Conditioning	1150 N Filbert St.	Stockton	San Joaquin	95202	4
We Care Heating And A/C	41085 Goldengate Cir	Murrieta	Riverside	92562	75
Reliable Energy Management Inc.	6829 Walthall Way	Paramount	Los Angeles	90723	72
Izmirian Roofing & Sheet Metal	229 S Railroad Ave	San Mateo	San Mateo	94401	7
Harry Clark Plumbing	3026 Broadway	Oakland	Alameda	94611	17
Lee's Air Heating and Plumbing (A & P Heating & Cooling Inc.)	3299 Swetzer Rd, Suite A	Loomis	Placer	95650	2
Forster Heating	9410 Crater Hill Rd	Auburn	Placer	95603	3
Anthony's Heating And Air Conditioning Inc	41615 Date St. Ste 107	Murrieta	Riverside	92562	4
Precise Air Systems	5467 West San Fernando Rd	Los Angeles	Los Angeles	90039	24
Southern California Air Cond	1 North Cesar Chavez St. 13	Santa Barbara	Santa Barbara	93103	61
American Air Conditioning Heating & Solar*	130 Bosstick Blvd	San Marcos	San Diego	92069	58
Cal West Mechanical*	13449 Pumice St.	Norwalk	Los Angeles	90650	6
Advanced Energy Center*	741 4th St.	Santa Rosa	Sonoma	95404	1

*Location opted out of the program in 2023