



**South Coast
Air Quality Management District**
21865 Copley Drive, Diamond Bar, CA 91765
(909) 396-2000, www.aqmd.gov

HYBRID STATIONARY SOURCE COMMITTEE MEETING

Committee Members

Councilmember Larry McCallon, Committee Chair
Supervisor Holly J. Mitchell, Committee Vice Chair
Chair Vanessa Delgado
Vice Chair Michael A. Cacciotti
Supervisor Curt Hagman
Board Member Veronica Padilla-Campos

December 20, 2024 ♦ 10:30 a.m.

TELECONFERENCE LOCATIONS

Kenneth Hahn Hall of Administration 500 W. Temple Street HOA Conference Room 374-A Los Angeles, CA 90012	Office of Senator (Ret.) Vanessa Delgado 944 South Greenwood Ave. Montebello, CA 90640
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A meeting of the South Coast Air Quality Management District Stationary Source Committee will be held at 10:30 a.m. on Friday, December 20, 2024 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

ELECTRONIC PARTICIPATION INFORMATION

(Instructions provided at bottom of the agenda)

Join Zoom Meeting - from PC or Laptop, or Phone

<https://scaqmd.zoom.us/j/94141492308>

Meeting ID: **941 4149 2308** (applies to all)

Teleconference Dial In: +1 669 900 6833

One tap mobile: +16699006833,94141492308#

**Audience will be allowed to provide public comment in person
or through Zoom connection or telephone.**

PUBLIC COMMENT WILL STILL BE TAKEN

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.

Cleaning the air that we breathe...

CALL TO ORDER

ROLL CALL

ACTION ITEM (Item 1)

- 1. Select Third Party Contractors to Administer Go Zero Pilot Incentive Program (10 mins)** Heather Farr
Planning and Rules
Manager
(Motion Required)
South Coast AQMD released RFP #P2025-01 in August 2024 to solicit proposals for third-party contractor(s) to administer five sub-projects of the Go Zero incentive program. Staff from South Coast AQMD and California Air Resources Board evaluated the proposals and is providing recommendations for third-party contractors to implement each sub-project.
(Written Material Attached)

INFORMATIONAL ITEM (Item 2)

- 2. Update on Proposed Amended Rule 1111 – Reduction of NOx Emissions from Natural Gas-Fired Furnaces and Proposed Amended Rule 1121 – Reduction of NOx Emissions from Small Natural Gas-Fired Water Heaters (10 mins)** Heather Farr
(No Motion Required)
Staff will provide a summary of Proposed Amended Rules 1111 and 1121 which seek to establish a zero-emission NOx emission standard for furnaces and small water heaters.
(Written Material Attached)

WRITTEN REPORTS (Items 3-5)

- 3. Monthly Permitting Enhancement Program (PEP) Update (No Motion Required)** Jason Aspell
Deputy Executive
Officer
This report is a monthly update of staff's PEP implementation efforts for the previous month.
(Written Material Attached)
- 4. Monthly Update of Staff's Work with U.S. EPA and CARB on New Source Review Issues for the Transition of RECLAIM Facilities to a Command-and-Control Regulatory Program (No Motion Required)** Michael Krause
Assistant Deputy
Executive Officer
This is a monthly update on staff's work with U.S. EPA and CARB regarding New Source Review issues related to the RECLAIM transition.
(Written Material Attached)
- 5. Notice of Violation Penalty Summary (No Motion Required)** Bayron Gilchrist
General Counsel
This report provides the total penalties settled in November 2024 which includes Civil, Supplemental Environmental Projects, Mutual Settlement Assessment Penalty Program, Hearing Board and Miscellaneous.
(Written Material Attached)

OTHER MATTERS

6. Other Business

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

7. Public Comment Period

At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

8. Next Meeting Date: Friday, January 24, 2025 at 10:30 a.m.

ADJOURNMENT

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Stationary Source Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Catherine Rodriguez at (909) 396-2735 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to crodriguez@aqmd.gov.

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Catherine Rodriguez at (909) 396-2735, or send the request to crodriguez@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment. Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually. After each agenda item, the Chair will announce public comment. A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of the screen. This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen. This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.



Recommended Third Party Contractors to Administer Go Zero Incentive Program

Stationary Source Committee
December 20, 2024



Background



2022 AQMP seeks the adoption of zero-emission standards, wherever feasible, to meet National Ambient Air Quality Standards

- Ongoing rulemaking for zero-emission space and water heating appliances
- One of the challenges is high implementation cost

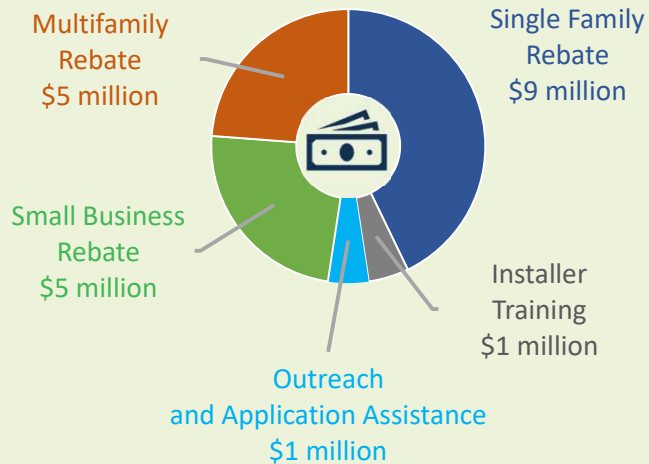


Go Zero pilot incentive program will incentivize the purchase of zero-emission space and water heating appliances

- Encourage the early adoption of zero-emission technologies
- Provide needed financial assistance in overburdened communities
- Pilot phase needed for lessons and experiences to improve for future phases including amount of rebates

Go Zero Pilot Incentive Program Sub-Projects

Pilot program includes five sub-projects:



Initial pilot program funding of \$21 million, with 75% of rebate funds for overburdened communities

Contractors could submit a bid to administrate any or all sub-projects

3

Proposals



RFP Outreach

- Posted in newspapers, newsletters, website, and advisor articles
- Notified business associations, lobbying Firms, Caucus members, and various minority chambers of commerce
- Outreach alongside rulemaking



Bidders

- Seven bidders applied for one or more Sub-Projects
- All offer translation for English and Spanish
- Proposed subcontractors for certain parts of projects
 - Bidders responsible for working with subcontractors



Panel Review

- Five panel members:
 - Four from two divisions of South Coast AQMD
 - One from California Air Resources Board
- Reached out to bidders for clarification and conducted reference checks

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Bidders

Non-profits:

- EGIA
- The Energy Coalition

Local businesses:

- Willdan
- North Star Alliances
- Community Connections

Small businesses:

- North Star Alliances
- QuitCarbon
- Community Connections

Minority- or Woman-led:

- North Star Alliances
- Community Connections

Location of Experience

- Community Connections in LA & OC
- QuitCarbon in NorCal
- Others in all four counties

Staff Recommendation

EGIA:

- Sub-Project 1 (Single Family Rebates, \$9 Million)

Willdan Energy Solutions:

- Sub-Project 2 (Multifamily Rebates, \$5 Million)
- Sub-Project 3 (Small Business Rebates, \$5 Million)

The Energy Coalition:

- Sub-Project 4 (Installer Training, \$1 Million)
- 80% of Sub-Project 5 (\$800,000)
 - Application assistance (\$600,000) and outreach in Los Angeles, Orange, San Bernardino and Riverside Counties (\$200,000)

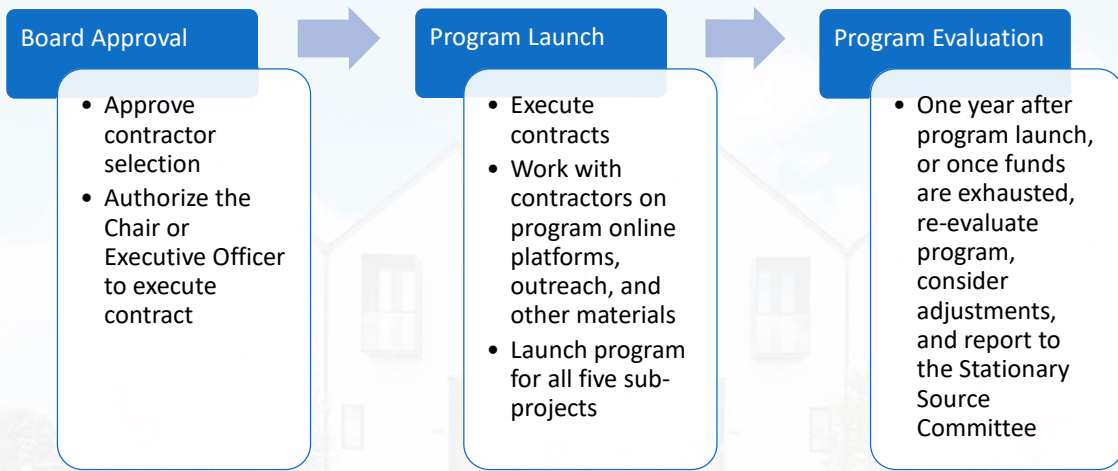
Community Connections, LLC:

- 20% of Sub-Project 5 (\$200,000)
- Outreach in Los Angeles and Orange Counties

Basis of Staff Recommendation

EGIA:	Scored highest for Sub-Project 1 <ul style="list-style-type: none">Administered the previous CleanAir Furnace Rebate ProgramLow 8.5% administrative cost was key to setting apart their score
Willdan Energy Solutions:	Notable expertise for Sub-Projects 2-3 <ul style="list-style-type: none">Strong experience and background set them apart for the commercial incentive programs
The Energy Coalition:	Scored highest for Sub-Projects 4-5 <ul style="list-style-type: none">Relevant technical and outreach experience throughout all South Coast AQMD counties
Community Connections, LLC:	Notable expertise for Sub-Project 4 <ul style="list-style-type: none">Strong community connections in Los Angeles and Orange Counties

Next Steps



BOARD MEETING DATE: January 10, 2025

AGENDA NO.

PROPOSAL: Select Third Party Contractors to Administer Go Zero Pilot Incentive Program

SYNOPSIS: South Coast AQMD released RFP #P2025-01 in August 2024 to solicit proposals for third-party contractor(s) to administer five sub-projects of the Go Zero incentive program. Staff from South Coast AQMD and California Air Resources Board evaluated the proposals and is providing recommendations for third-party contractors to implement each sub-project.

COMMITTEE: Stationary, December 20, 2024; Reviewed

RECOMMENDED ACTIONS:

Authorize the Chair (or by the Chair's designation, the Executive Officer) to execute contracts with:

1. Electric & Gas Industries Association (EGIA) in an amount of \$9,000,000 for administrating single family rebates;
2. Willdan Energy Solutions in an amount of \$10,000,000 for administrating multifamily and small business rebates;
3. The Energy Coalition in an amount of \$1,800,000 for administrating installer training and 80 percent of outreach and application assistance; and
4. Community Connections, LLC in an amount of \$200,000 administrating 20 percent of outreach and application assistance.

Wayne Natri
Executive Officer

SR:MK:HF:YZ:EY

Background

The 2022 AQMP is a blueprint for measures that are needed for the South Coast Air Basin to meet the ozone NAAQS. In order to meet state and federal air quality standards and provide clean air to the 17 million residents within the South Coast AQMD, the 2022 AQMP relied on the deployment of zero-emission technologies, wherever feasible. To partially implement the AQMP, the South Coast AQMD is

developing zero-emission NOx standards for residential and commercial space and water heating appliances.

One challenge for the widespread implementation of zero-emission residential and commercial space and water heating appliances is the cost, particularly for residents in overburdened communities. Through the 2022 AQMP Resolution, the Board directed staff to work with stakeholders to develop concepts for a funding program to incentivize the transition to zero-emission technologies, with a strong emphasis on incentivizing zero-emission technologies in overburdened communities. Substantial incentive funds and programs are needed to address the potentially significant cost of adopting zero-emission appliances for these communities to implement zero-emission technologies in an equitable way.

Go Zero Pilot Incentive Program

The objectives of the Go Zero pilot incentive program are divided into five sub-projects funded with \$21 million from the Rule 1111 Air Quality Investment Fund (Fund 27). A third-party contractor could submit a bid for any or all sub-projects, which include:

- Sub-Project 1: Rebate program for single family space and water heating appliances, or other single-family appliances included in future modified phase(s) (\$9 million);
- Sub-Project 2: Rebate program for multifamily space and water heating appliances, or other multifamily appliances included in future modified phase(s) (\$5 million);
- Sub-Project 3: Rebate program for small business water heating appliances, or other small business appliances included in future modified phase(s) (\$5 million);
- Sub-Project 4: Training program for installers of zero-emission space and water heating appliances (\$1 million); and
- Sub-Project 5: Targeted outreach and application assistance to residents in overburdened communities (\$1 million).

At least 75 percent of the rebate funding (single family, multifamily, and small business rebates) will be dedicated to those applying from overburdened communities, identified under Senate Bill 535 (De León, Statutes of 2012) (<https://oehha.ca.gov/calenviroscreen/sb535>) or through participation in the utility California Alternate Rates for Energy (CARE) or Family Electric Rate Assistance (FERA) discounted rates programs which are financial assistance programs helping qualifying families lower their monthly energy bills.

RFP Release

Following the Governing Board's approval on August 2, 2024, RFP #P2025-01 was issued to solicit proposals from qualified applicants to serve as third-party contractor(s) to administer the five sub-projects. A Bidders' Conference was held on August 28, 2024, and the deadline for proposals was September 27, 2024, at 1:00 PM PT.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFP and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers.

Additionally, potential bidders were notified utilizing South Coast AQMD's electronic listing of certified minority vendors. Notice of the RFP was emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on the internet at South Coast AQMD's website (<http://www.aqmd.gov>).

Staff conducted outreach alongside rulemaking for space heating and water heating zero-emission standards, presented on Go Zero at many meetings with various local governments, utility providers, other rebate program administrators, and environmental groups since January 2024, and had considerable community engagement. Newsletters notified over 6,000 recipients, 41 California Lobbying Firms, and 108 Caucus members. Outreach ensured organizations representing large groups were included (e.g., BizFed, representing more than 400,000). Several South Coast AQMD Advisor articles mentioned the program and other incentives.

Bid Review

A panel of five reviewers, consisting of three panel members from South Coast AQMD's Planning, Rule Development and Implementation, one panel member from South Coast AQMD's Legislative, Public Affairs, and Media, and one panel member from CARB, considered the seven submitted proposals. Each sub-project had between three to seven bidders. All bidders offered English and Spanish language support, along with any other needed language support, as was specified in the RFP. Proposals were evaluated based on: bidder's experience and background; how the contractor will administer and/or stack the rebate with other programs; how the contractor will conduct outreach; the ability to provide data and statistics on where and by whom the rebates are being used; and the administration costs.

The Electric & Gas Industries Association (EGIA), a non-profit company which administered the previous CleanAir Furnace Rebate Program, scored the highest for Sub-Projects 1, 2, and 3. The low 8.5% administrative cost was key to setting apart their total points.

Willdan Energy Solutions, a local business which had the greatest experience administering multifamily and small business incentives, had the second highest score for Sub-Projects 2 and 3; however, their high score in experience and background for Sub-Projects 2 and 3 set their proposal apart from the other bidders. Multifamily and small business are the new focuses of the South Coast AQMD incentive programs, and this type of experience is highly necessary.

The Energy Coalition, a non-profit, scored highest for Sub-Projects 4-5. For Sub-Project 4 (Installer Training), The Energy Coalition proposed the most years of training, sessions, and enrollees. For Sub-Project 5 (Outreach and Application Assistance), The Energy Coalition has relevant technical and outreach experience throughout all South Coast AQMD counties.

One bidder, Community Connections, LLC, showed strong community engagement, outreach experience, and representation of Diversity, Equity, and Inclusion (DEI) in Los Angeles County and Orange County.

Proposal

For Sub-Projects 1 thru 4, based on panel review scoring and consideration of multifamily and small business administration experience, staff recommends selecting:

- EGIA for Sub-Project 1 (Single Family Rebates, \$9 Million);
- Willdan Energy Solutions for Sub-Project 2 (Multifamily Rebates, \$5 Million) and Sub-Project 3 (Small Business Rebates, \$5 Million); and
- The Energy Coalition for Sub-Project 4 (Installer Training, \$1 Million).

For Sub-Project 5, based on panel review scoring and consideration of thorough coverage of public outreach, staff recommends selecting both The Energy Coalition and Community Connections, LLC and to divide the tasks. Staff recommends selecting:

- Community Connections, LLC to provide outreach in Los Angeles and Orange Counties to cover the larger population in those counties, allocating twenty percent of Sub-Project 5 funding (\$200,000); and
- The Energy Coalition to provide outreach and application assistance in Los Angeles, Orange, San Bernardino, and Riverside Counties to and recommends allocating eighty percent of Sub-Project 5 funding (\$800,000).

Benefits to South Coast AQMD

The Go Zero pilot incentive program will provide rebates to consumers, multifamily property owners, and small businesses replacing traditional NOx emission appliances, such as furnaces or water heaters, with zero-emission appliances; provide training to installers to help educate the workforce; and provide targeted outreach and application assistance to residents in overburdened communities. Initiating the rebate program will help implement 2022 AQMP control measures for widespread adoption of zero-emission appliances, which is necessary to reduce NOx emissions and to meet the NAAQS ozone standards.

Resource Impacts

Sufficient funds are available to fund this incentive program from the Air Quality Investment Fund (27), which maintains the mitigation fees collected under the alternative compliance options for residential space and water heaters regulated under to Rule 1111 – Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces and Rule 1121 – Control of Nitrogen Oxides from Residential Type, Natural Gas-Fired Water Heaters. These rules allowed manufacturers to pay a mitigation fee in lieu of meeting the lower NOx limits to allow time for commercialization of low-NOx technologies. Previously, the Board authorized \$6.5 million from this fund to implement the Clean Air Furnace Rebate Program in two phases, the first phase (2018 - 2019) incentivizing early deployment of ultra-low NOx furnaces (i.e., 14 ng/J NOx) and the second phase (2020 – 2023) incentivizing the replacement of gas furnaces with zero-emission heat pumps. Currently, there is approximately \$75 million remaining in Fund 27. There is a clear nexus between the mitigation funds collected from delayed or forgone emissions from residential and commercial appliance sectors and incentivizing the accelerated adoption of zero-emission residential and commercial appliances.

Attachment

- A. Panel Scoring
- B. Presentation

Attachment A – Panel Scoring

	Average of Panel Reviewers' Technical Points for Sub-Project 1 (Single Family Rebates)					Additional Points		Total Technical Plus Additional Points
	Experience/ Background (20)	Administration Approach (20)	Outreach (20)	Accountability and Statistics of Similar Projects (10)	Administration Fees (30)	Specified Criteria - <i>Capped at 15</i>	Total Additional Points (self-certified)	
Bidders								
ELECTRIC AND GAS INDUSTRIES ASSOCIATION	19	17.6	16.4	10	30.0	None found	0	93.0
FRONTIER ENERGY	17.2	16.2	14.6	6.2	24.9	None found	0	79.1
THE ENERGY COALITION	16.4	18.6	18	8.8	8.2	None found	0	70.0
WILLDAN ENERGY SOLUTIONS	12.6	18.4	18.6	9.2	6.5	Local Business - 5	5	70.3

	Average of Panel Reviewers' Technical Points for Sub-Project 2 (Multifamily Rebates)					Additional Points		Total Technical Plus Additional Points
	Experience/ Background (20)	Administration Approach (20)	Outreach (20)	Accountability and Statistics of Similar Projects (10)	Administration Fees (30)	Specified Criteria - Capped at 15	Total Additional Points (self-certified) - Not to Exceed 15	
Bidders								
ELECTRIC AND GAS INDUSTRIES ASSOCIATION	13.8	16	16.6	8	30	None found	0	84.4
THE ENERGY COALITION	11.8	18.4	18	7.8	0	None found	0	56.0
WILLDAN ENERGY SOLUTIONS	20	19	18.8	10	5.0	Local Business - 5	5	77.8

	Average of Panel Reviewers' Technical Points for Sub-Project 3 (Small Business Rebates)					Additional Points		Total Technical Plus Additional Points
	Experience/ Background (20)	Administration Approach (20)	Outreach (20)	Accountability and Statistics of Similar Projects (10)	Administration Fees (30)	Specified Criteria - Capped at 15	Total Additional Points (self-certified) - Not to Exceed 15	
Bidders								
ELECTRIC AND GAS INDUSTRIES ASSOCIATION	11	15.6	15.6	8.2	30.0	None found	0	80.4
FRONTIER ENERGY	10.8	14.4	14.2	6.4	24.8	None found	0	70.6
THE ENERGY COALITION	13.8	16.4	17	7.8	1.0	None found	0	56.0
WILLDAN ENERGY SOLUTIONS	20	18.6	18.4	10	5.0	Local Business - 5	5	77.0

	Average of Panel Reviewers' Technical Points for Sub-Project 4 (Installer Training)					Additional Points		Total Technical Plus Additional Points
	Experience/ Background (20)	Administration Approach (20)	Outreach (20)	Accountability and Statistics of Similar Projects (10)	Administration Fees (30)	Specified Criteria - <i>Capped at 15</i>	Total Additional Points (self-certified) - <i>Not to Exceed 15</i>	
Bidders								
ELECTRIC AND GAS INDUSTRIES ASSOCIATION	19	18.6	15.2	10	30	None found	0	92.8
FRONTIER ENERGY	14.2	12	15	5	30	None found	0	76.2
NORTH STAR ALLIANCES	10	12	15	6.4	30	Small Business Enterprise/Small Business Joint Venture - 10; Local Business - 5	15	88.4
THE ENERGY COALITION	19.6	18.6	19.2	9.6	30	None found	0	97
WILLDAN ENERGY SOLUTIONS	17	17.6	17.2	10	30	Local Business - 5	5	96.8

Bidders	Average of Panel Reviewers' Technical Points for Sub-Project 5 (Application Assistance/Outreach)					Additional Points		Total Technical Plus Additional Points
	Experience/ Background (20)	Administration Approach (20)	Outreach (20)	Accountability and Statistics of Similar Projects (10)	Administration Fees (30)	Specified Criteria - <i>Capped at 15</i>	Total Additional Points (self-certified) - <i>Not to Exceed 15</i>	
COMMUNITY CONNECTIONS, LLC	14.2	11.4	14	5	30	Small Business Enterprise/Small Business Joint Venture - 10; Local Business - 5	15	89.6
ELECTRIC AND GAS INDUSTRIES ASSOCIATION	14	15	14	8	30	None found	0	81
FRONTIER ENERGY	12	14	13	7	30	None found	0	76
NORTH STAR ALLIANCES	12.2	11.2	11.6	7	30	Small Business Enterprise/Small Business Joint Venture - 10; Local Business - 5	15	87
QUITCARBON	6.6	11.4	10.4	6.8	30	Small Business Enterprise/Small Business Joint Venture - 10; Low Emission Vehicle Business - 5	15	80.2
THE ENERGY COALITION	16.6	17.8	16.6	9	30	None found	0	90
WILLDAN ENERGY SOLUTIONS	14.2	17	14	9	30	Local Business - 5	5	89.2



Proposed Amended Rule 1111 – Reduction Of NO_x Emissions From Natural Gas-Fired Furnaces (PAR 1111)

Proposed Amended Rule 1121 – Reduction of NO_x Emissions From Small Natural Gas-Fired Water Heaters (PAR 1121)

*Stationary Source Committee
December 20, 2024*

Background

2

Rule 1111 and Rule 1121 – Adopted in 1978

- Regulates NO_x emissions from natural gas residential space and water heating
- Regulated through the supply chain (e.g., manufacturers, distributors, retailers and installers)

Rule amendments needed to implement 2022 AQMP control measures

- Identified zero-NO_x emission technologies for all categories of space and water heating units

Updated Stationary Source Committee (SSC) on October 18, 2024

On November 1, 2024, the Board set the Public Hearing for February 7, 2025

- Concerns raised regarding outreach for public awareness, costs and affordability

Update Since Last Committee Meeting

3

- ▶ Increased public outreach and conducted additional site visits to seek further input
- ▶ Working Group Meeting on December 4th
 - Presented revisions to PARs 1111 and 1121
- ▶ Received thirty-eight comment letters since Working Group Meeting (as of posting on Dec 13)
 - Thirty-three in support of PARs 1111 and 1121
 - Five included concerns and/or not supporting PARs 1111 and 1121 in current form
 - Received an opposition Resolution approved by the Orange County Council of Governments
- ▶ Staff is working on revisions to PARs 1111 and 1121 to address issues raised in Working Group Meeting and comment letters
- ▶ Main issue of concern is affordability

Increased Public Outreach for Rulemaking

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- ▶ Developed and distributing infographic about rulemaking for water heaters and furnaces
 - Goal is to increase awareness from residences and businesses and encourage participation in rulemaking
- ▶ Recently presented to:
 - Lake Arrowhead Chamber of Commerce Committee
 - Orange County Council of Governments (COG) (Scheduling meetings with other regional COGs)
 - Inland Empire Regional Energy and Climate Hub conference
- ▶ Increased email notifications from ~1,500 recipients to over 6,000
 - Includes many organizations (e.g., BizFed representing more than 400,000)
 - Notification to ~26,000 social media followers

South Coast AQMD is Conducting Rulemaking that Could Impact Your Home Water Heaters and Furnaces

The rules will reduce emissions from residential furnaces (Rule 1111) and water heaters (Rule 1121) by transitioning to zero-emission appliances.

How Will the Rules Impact You?
Rules will take effect in 2-5 years and will be required only when:

- Appliances are voluntarily replaced
- Existing appliances break

Will There be any Flexibility?
Exceptions will be allowed for:

- Construction or utility upgrades delays
- High-altitude areas
- Owners of multifamily buildings
- Considering other circumstances

Health Benefits
Once implemented, these rules will prevent:

- 4,000 premature deaths
- 16,000 cases of newly onset asthma
- 4,000 emergency room visits

Will Financial Assistance be Available?
South Coast AQMD is working on an incentive program to provide rebates for residents, building owners and small businesses.

Get Involved
Want to provide feedback on the rules or need more information? Join a working group meeting. More information can be found at: www.southcoastairquality.org/rulemaking. To receive future updates on rulemaking and incentives via email newsletter, subscribe by checking the "Building Appliances" box located under Rule Updates: www.southcoastairquality.org.

South Coast Air Quality Management District
21885 Country Dr., Chino Hills, CA 91709
www.scaqmd.gov • 1-800-CUT-SMOG

Held 7th Working Group Meeting December 4th



About 140 people participated

Increased from ~100 from previous meetings



Presented new concepts for high altitude households, multifamily properties, and homes with newer AC units



Presented cost examples



Discussed updates to preliminary draft version released on November 6, 2024

Summary of New Revisions Discussed at the December 4th Working Group Meeting

Issues	Revisions Presented to Working Group
Extend implementation dates for furnaces and water heaters	Presented later compliance dates of 2029 for both furnaces and water heaters
Provision needed for emergency replacements and delays due to construction	Allow for installation of temporary gas units and additional time for construction
Provisions needed for homes with newer AC units or units in high altitude regions	Allow for natural gas replacement coupled with manufacturer mitigation fee until 2035
Provisions needed for multifamily property emergency replacements	Allow owners of large multifamily properties to own gas units to swap in for temporary installation
Provision needed for new buildings that are currently under construction	Allow gas units for new buildings permitted prior to rule adoption

Working Group Meeting Key Comments

7

Environmental Groups

Recommend minimizing provisions that weaken rule

Support not extending compliance dates

Multifamily property owners and business groups

Support new alternative compliance options

Support extending the compliance dates to 2029 (staff proposing this change)

Other Comments (Communities and Residents)

Focus on ensuring sustainable incentive funding

Address affordability and low-income

Affordability Concerns

8

Proposed Rules only apply when a furnace or water heater is replaced

Cost and affordability are different than rule cost effectiveness

Low-Income Households

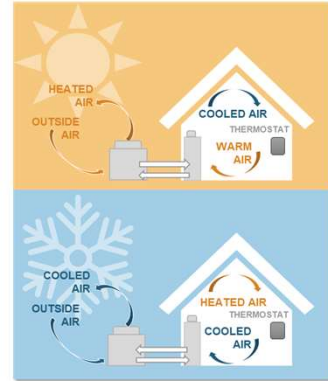
Cost Outliers

Stranded Assets (For Air Conditioning Units)

Concerns Regarding Homes with Newer AC

Why discuss air conditioning units in a rule about furnaces?

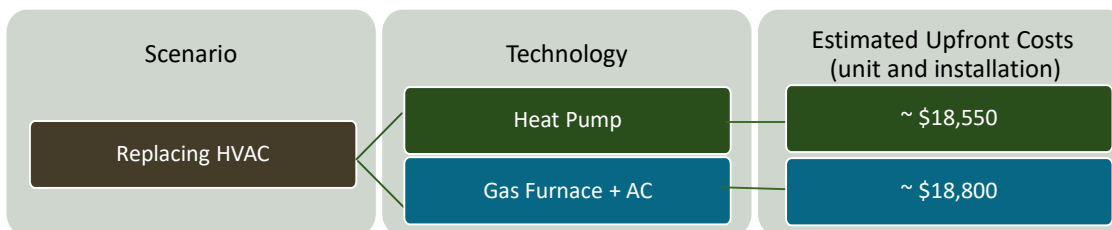
- ▶ The most common zero-emission furnace is a heat pump
 - Heat pumps HVAC provide both heat and cooling - replacing both the furnace and the AC
 - Costs to replace both furnace and AC with a heat pump is similar
 - Heat pumps are very efficient
 - Operate on electricity, which is more expensive than natural gas in our region, but efficiency offsets the difference
 - Can be 3 – 5 times more efficient than conventional unit
 - Results in lower operating costs
- ▶ Replacing only a furnace will result in high upfront costs
 - Adds value to home and adds cooling which is critical in most part of our region



New Slide

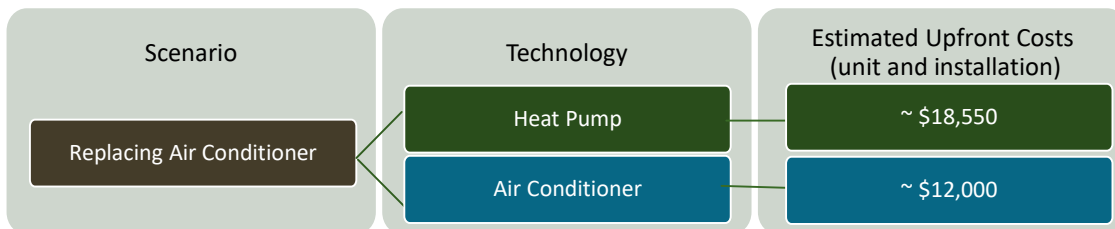
Heating, Ventilation, and Air Conditioning (HVAC) System Costs

- ▶ Similar upfront costs
 - Homeowner may save on utility bills from reduced natural gas usage and high efficiency heat pumps
 - Incentive and rebate programs can be applied to heat pump



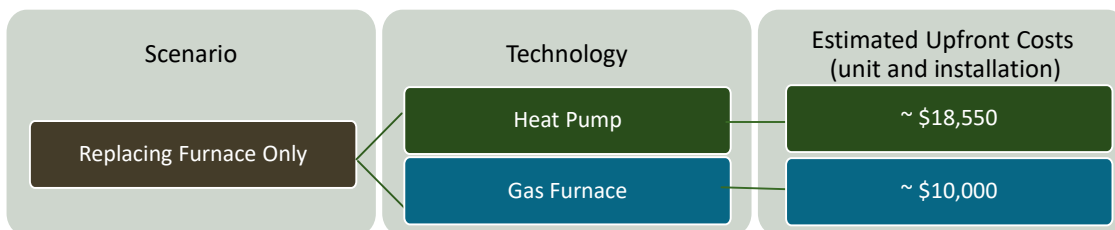
Air Conditioners Replacement Cost

- ▶ Residents have the option to replacing an air conditioner with another air conditioner, but installing a heat pump adds value (cooling *and* heating)
 - Cost difference can be bridged with rebates and incentives



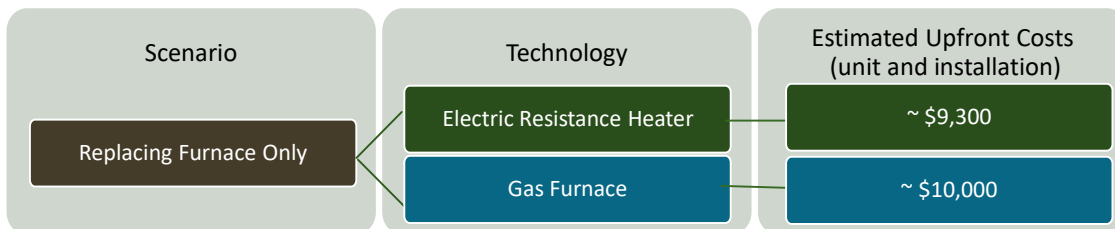
Furnace Only Replacement Cost Scenario #1

- ▶ Higher upfront cost to replace furnace with heat pump but additional benefit of space cooling
 - Significant value added to home
 - Cost difference can be bridged with rebates and incentives



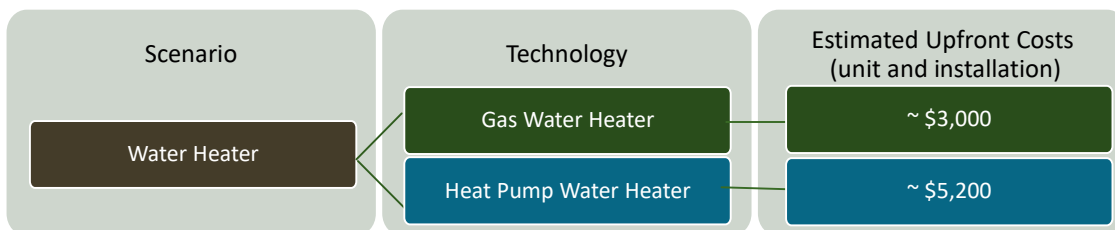
Furnace Only Replacement Cost Scenario #2

- ▶ Electric resistance heating has low upfront cost
 - Operating cost will be higher because they are not as efficient as heat pumps
 - Good option in areas where space heating demand is low, e.g., coastal communities



Water Heating Replacement Costs

- ▶ Higher upfront cost to replace gas water heaters with heat pump water heaters
 - Cost difference can be bridged with rebates and incentives



Incentive Funding

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- ▶ Stakeholders have expressed concerns regarding affordability
 - Low-income residents may not be able to afford the upfront cost
 - There are installations where costs are significantly higher than the median
- ▶ Go Zero and other incentive programs will help with affordability
 - Funding programs can be stacked and will offset upfront costs
 - Federal funds may not remain
 - Go Zero funding cannot reach every household
- ▶ Current funding is limited and future funding is uncertain



Next Steps

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Need additional time to further address affordability concerns while maximizing NOx reductions



Need to work with Working Group to discuss



Continue outreach efforts



Recommendation to return to SSC in February 2025

Monthly Permitting Enhancement Program (PEP) Update
South Coast AQMD
Stationary Source Committee – December 20, 2024

Background

At the February 2, 2024 Board meeting, the Board directed staff to provide monthly updates to the Stationary Source Committee to report progress made under the Permitting Enhancement Program (PEP). The Chair's PEP initiative was developed to enhance the permitting program and improve permitting inventory and timelines. This report provides a summary of the pending permit application inventory, monthly production, and other PEP related activities.

Summary**Pending Permit Application Inventory**

The permitting process consists of a constant stream of incoming applications and outgoing application issuances, rejections, and denials. The remainder of the applications are considered the pending application inventory. The inventory consists of applications that are being prescreened prior to being accepted, workable applications, and non-workable applications. Non-workable means that staff are unable to proceed with processing an application because it is awaiting actions to address various regulatory requirements or deficiencies. As an example, after staff issues a Permit to Construct to a facility, staff must wait for the facility to construct and test the equipment prior to issuing a final Permit to Operate. Once a final Permit to Operate is issued, the permit application is removed from the pending application inventory. Other examples include facilities that may be in violation of rules and cannot be permitted until a facility achieves compliance, staff awaiting additional information from facilities, or facilities that have not completed the CEQA process for their project. During the life of an application, it may switch several times between being workable and non-workable as actions are taken by facilities and staff. Attachment 1 contains more detailed descriptions of the categories of non-workable permit applications. Figure 1 below provides a monthly snapshot of the pending application inventory.

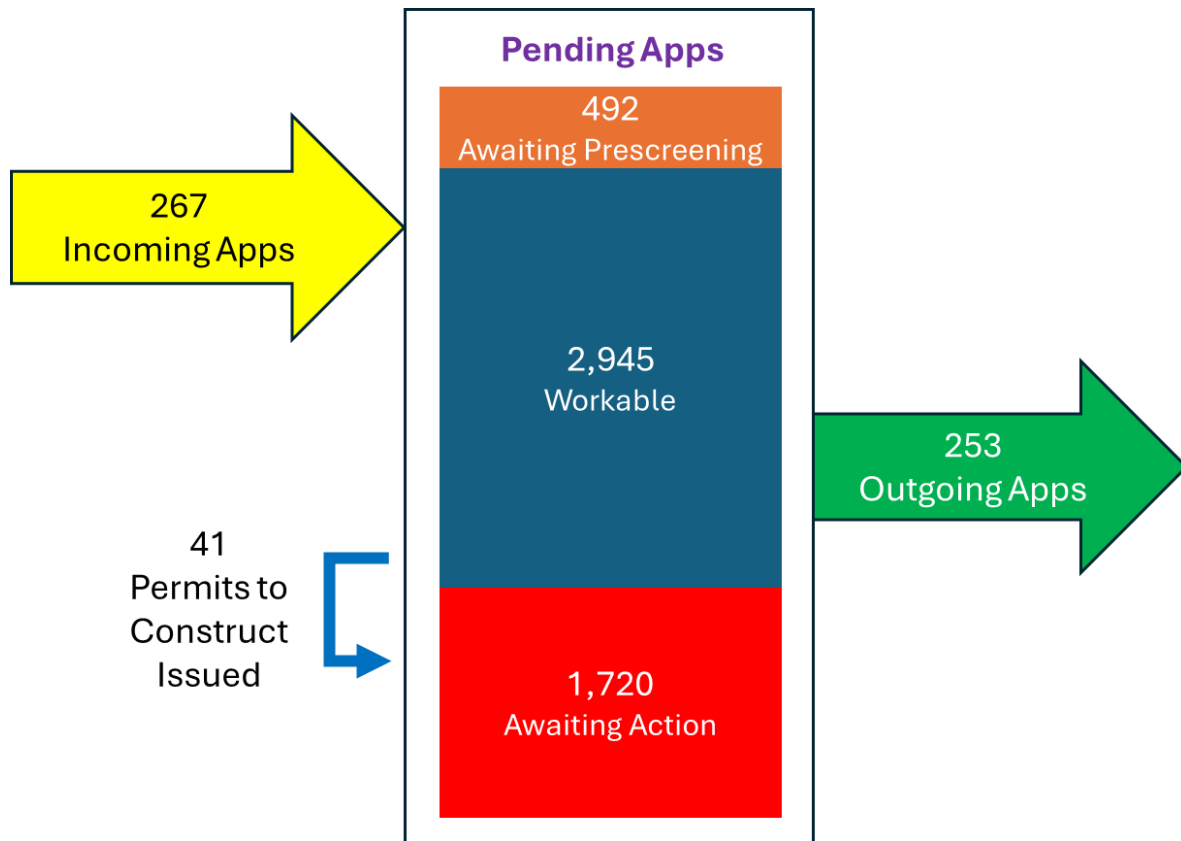


Figure 1: Application Processing Workflow – November 2024

Table 1 below lists the categories included in Awaiting Action (Non-Workable) for the last month. Please note that Table 1 provides a snapshot of data and applications may change status several times before final action. Multiple categories may apply to a single application.

Table 1: Awaiting Action (Non-Workable) Applications Summary

Awaiting Action (Non-Workable) Categories	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024
Additional Information from Facility	220	219	265	286	294	288
CEQA Completion	35	31	32	34	34	34
Completion of Construction	904	935	983	1,015	1,034	1,078
Facility Compliance Resolution	22	36	36	37	36	37
Facility Draft Permit Review	63	59	74	43	56	51
Fee Payment Resolution	3	4	4	6	5	6
Other Agency Review	15	36	45	37	36	46
Other Facility Action	4	10	10	21	21	21
Other South Coast AQMD Review	0	0	0	0	0	0
Public Notice Completion	35	29	23	24	25	20
Source Test Completion	138	142	137	169	169	154

Please see Attachment 1 for more information on these categories.

In November, staff continued to complete applications at a rate higher than the targeted month to month average, raising the overall annual average. Not reflected in Figure 1 are an

additional 173 permits issued through the online permitting system which did not impact the permit application inventory. Staff has automated the permitting process for certain equipment allowing staff to focus their efforts on other permit applications. These 173 permit completions are reflected in Figure 2 below.

Since outgoing applications (green arrow) were less than incoming applications (yellow arrow) this month, the pending application inventory increased slightly. A lower than average number of incoming applications was received in November but was within typical seasonal fluctuations. The annual average production has increased over 15% as compared to this time last year. In addition, since May, the inventory of Workable applications has decreased from 3,088 to 2,945.

The inventory of Awaiting Action applications has recently increased. Most of the Awaiting Action applications have a Completion of Construction status. From March to November, staff issued many Permits to Construct, thereby increasing the Completion of Construction status from 770 to 1,078, including 41 Permits to Construct issued in November. Staff must wait for construction of the equipment to be completed prior to moving forward on these applications.

The rate of incoming applications is unpredictable and is dependent on business demands and the economic climate, as well as South Coast AQMD rule requirements. Maintaining the average production rate of outgoing applications greater than average rate of incoming applications is key to reducing the pending application inventory until a manageable working inventory is established. As stated above, the spike in incoming applications occurred in June as expected, and this typically results in a swell in the inventory as time is needed to address the surge of permit applications.

Maintaining a low vacancy rate with trained and experienced permitting staff is the biggest factor in maintaining high production and reducing the pending application inventory. In addition, data and analysis showed that addressing vacancies at the Senior and Supervising AQ Engineers was vital since these positions are the review and approval stages of the permitting process.

Production

Prior to staff retirements, permit production levels in 2020 were typically above 500 completions per month. Prior to PEP implementation, high vacancy rates resulted in decreased permit completions. Lower production rates nearing 400 completions per month occurred as the vacancy rate peaked. As the vacancy rate has been reduced and staff have been trained, production has increased. Figure 2 below shows a rolling 12-month average of application completions and the monthly production for the last six months. Recently, increased monthly production levels (orange circles) are raising the rolling 12-month production averages (black line) in the chart below as compared to the period before PEP. The rolling 12-month average includes the monthly totals from the last year to visualize the trend over time, as production in individual months often fluctuates (in addition to fluctuations in incoming application submittals). The current rolling 12-month average production rate is 505 completions per month. A higher rolling 12-month average will indicate sustained higher production levels.

These higher production levels will begin to reduce the pending application inventory and improve permit processing times. A new fiscal year (FY) goal was set to increase production by 500 completions as compared to 2023. This equates to a soft target of 489 completions per month. The red line in Figure 2 shows this new fiscal year goal.

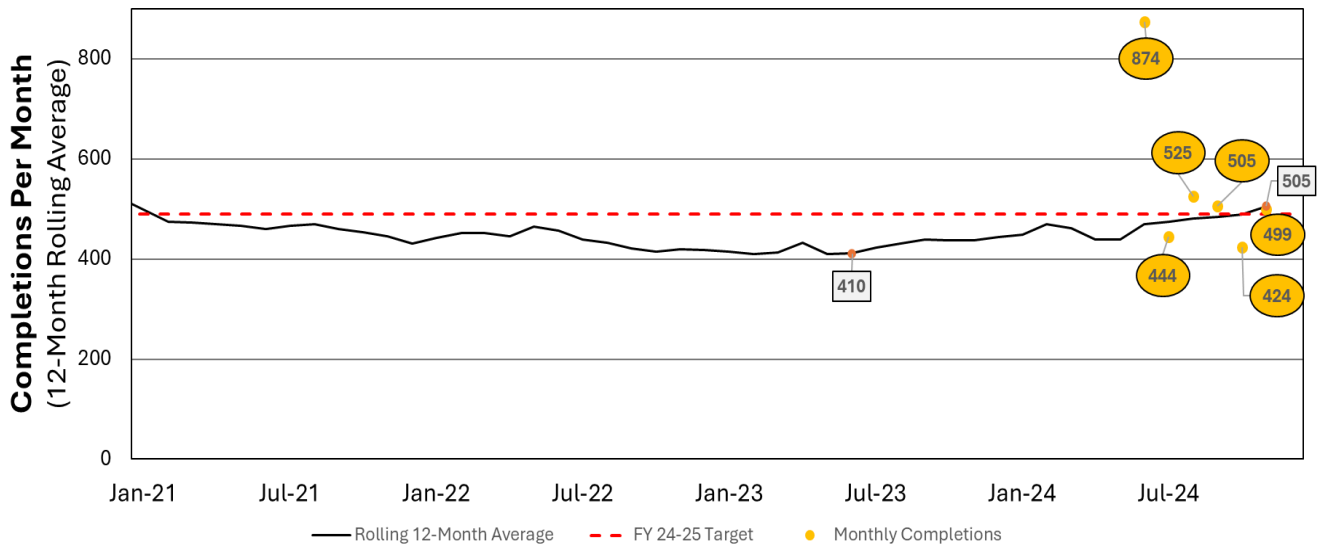


Figure 2: Application Completions - Rolling 12-Month Average and Recent Six Months

Production began to increase in the second half of 2023 as substantial promotions and hiring occurred. New engineering staff are currently being trained and production is expected to increase over the coming months and years as they become more experienced in their duties and can process more complex projects.

Engineering & Permitting (E&P) Vacancy Rate

The current E&P vacancy rate was maintained at 10.2%. The minimum target vacancy rate for PEP is 10%. When PEP was first announced, the E&P vacancy rate was greater than 20%. One separation due to a transfer and one hiring are anticipated to occur in December and will maintain the vacancy rate at 10.2%. Hiring of new engineers is targeted for the first quarter of 2025 and the recruitment is in process.

Key Activities

- Staff delayed the effective date of the new Health Risk Assessment module to allow for additional time for facilities to transition to the new tool. The effective date was moved from November 1 to December 1.
- Staff created additional application forms to implement Rule 317.1. Staff is in the process of developing additional resources to assist facilities navigate new Rule 317.1 requirements.
- Staff conducted a Permit Streamlining Task Force (PSTF) meeting on December 10 and presented PEP efforts related to the public notice process. The PSTF also discussed concepts to enhance the Certified Permitting Professional Program under PEP.

Upcoming Meetings:

- Staff will present a PEP update to the Board in first quarter of 2025.
- Staff will conduct either a PSTF or a Permitting Working Group meeting in March 2025
- Staff is targeting to conduct at least six public meetings regarding permitting in Fiscal Year 2024-2025. Staff has reached 75% of this target.

Attachment 1

Explanation of Non-Workable Application Statuses

Workable applications are those applications where staff have the required information to process the permit application.

Non-workable applications are those applications where the application process has been paused while staff are awaiting the resolution of one or more related tasks or where the permit cannot be issued.

Description of Non-Workable/Awaiting Action Terms

Additional Information from Facility

During permit processing staff may need additional information from a facility that was not included in the original permit application package or a change of scope of the proposed project. Additional information may include items regarding materials used in the equipment (such as toxics), equipment information, or other items to perform emission calculations or determine compliance for the proposal in the application.

CEQA Completion

Prior to issuing permits, CEQA requirements are required to be evaluated and completed. South Coast AQMD can either be the Lead Agency that certifies or approves the CEQA document or the Responsible Agency that consults with the Lead Agency (typically a land use agency) on the CEQA document.

Completion of Construction

After a Permit to Construct is issued, the permit application file remains in the pending application inventory. Staff must wait for the facility to complete construction prior to completing other compliance determination steps before the permitting process can continue. Typically, a Permit to Construct is valid for one year, but it may be extended for various reasons if the facility demonstrates they are making increments of progress. For some large projects, construction may take years while the permit application remains in the pending application inventory.

Facility Compliance Resolution

Prior to issuing permits the affected facility must demonstrate compliance with all rules and regulations [Rule 1303(b)(4)]. Prior to the issuance of a Permit to Construct, all major stationary sources that are owned or operated by, controlled by, or under common control in the State of California are subject to emission limitations must demonstrate that they are in compliance or on a schedule for compliance with all applicable emission limitations and standards under the Clean Air Act. [Rule 1303(b)(2)(5)].

Facility Draft Permit Review

If a facility requests to review their draft permit, staff provides the facility a review period prior to proceeding with issuance. During the review period, staff do not perform any additional evaluation until feedback from the facility is received. Some projects include several permits or large facility permit documents which may take a substantial time to review.

Fee Payment Resolution

Prior to issuing permits, all fees must be remitted, including any outstanding fees from associated facility activities including, but not limited to, annual operating and emission fees, modeling or source testing fees, and permit reinstatement fees.

Other Agency Review

The Title V permitting program requires a 45-day review of proposed permitting actions by U.S. EPA prior to many permitting actions. During the review period, staff are unable to proceed with permit issuance. If U.S. EPA has comments or requests additional information, the review stage may add weeks or months to the process before staff can proceed with the project.

For Electricity Generating Facilities (Power Plants), CEC may provide a review of proposed permits prior to issuance.

Other Facility Action

Prior to issuing a permit, a facility may need to take action to address deficiencies or take steps to meet regulatory requirements. This may include acquiring Emission Reduction Credits after staff notifies a facility the project requires emissions to be offset, performing an analysis for Best Available Control Technology requirements, or conducting air dispersion modeling.

Other South Coast AQMD Review

Prior to proceeding with a permit evaluation, permit engineering staff may require assistance and support from other South Coast AQMD departments. For example, IM support for electronic processing due to unique or long-term project considerations or to complete concurrent review of separate phases or integrated processes for multi-phase projects is routinely needed.

Public Notice Completion

There are several South Coast AQMD requirements that may require public noticing and a public participation process prior to permit issuance. Rule 212 and Regulation XXX both detail public noticing thresholds and requirements which include equipment located near schools, high-emitting equipment, equipment above certain health risk thresholds, or significant projects or permit renewals in the Title V program. The public notice period is typically 30 days, and staff are required to respond to all public comments in writing prior to proceeding with the permitting process. Other delays in the public notice process may include delays in distribution of the notice by the facility, incomplete distribution which may require restarting the 30-day period, or requests for extension from the public.

Source Test Completion

Many rules require source testing prior to permit issuance. Source testing is the measurement of actual emissions from a source that may be used to determine compliance with emission limits, or measurements of toxic emissions may be used to perform a health risk assessment. Lab analysis of an air sample is often required as part of the process. The testing is performed by third party contractors who prepare a source test protocol to detail the testing program, and a source test report with the results of the testing and equipment operation. Both the protocol and report need to be reviewed and approved by South Coast AQMD staff.

December 2024 Update on Work with U.S. EPA and California Air Resources Board on New Source Review Issues for the RECLAIM Transition

At the October 5, 2018, Board meeting, the Board directed staff to provide the Stationary Source Committee with a monthly update of staff's work with U.S. EPA regarding resolving NSR issues for the transition of facilities from RECLAIM to a command-and-control regulatory structure. Key activities with U.S. EPA and CARB since the last report are summarized below.

Item	Discussion
Meeting with U.S. EPA (Region IX) – December 12, 2024	<ul style="list-style-type: none">Discussed options for the future of NOx RECLAIM and the status of Maricopa County Rule 205 – Emission Offsets Generated by Voluntary Mobile Source Emission Reduction Credits

- RECLAIM/NSR Working Group meeting is not planned for December
- The RECLAIM/NSR Working Group will be reconvened when there is information to report

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office
Settlement Penalty Report (11/01/2024 - 11/30/2024)**

Total Penalties

Civil Settlement: \$620,092.50

Hearing Board Settlement: \$324,153.80

MSPAP Settlement: \$112,135.25

Total Cash Settlements: \$1,056,381.55

Total SEP Value: \$0.00

Fiscal Year through 11/30/2024 Cash Total: \$4,018,442.65

Fiscal Year through 11/30/2024 SEP Value Only Total: \$0.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
141383	ACE HARDWARE CORPORATION	1168	11/22/2024	BT	P79801	\$18,200.00
197705	AEROPOSTALE	2305	11/07/2024	JL	O15035	\$20,000.00
201310	BRIDGE POINT CARSON LLC	203, 1148.1, 1173, 1176	11/08/2024	SH	P80709	\$10,500.00
195107	CALNRG OPERATING, LLC	463, 1173	11/14/2024	EC	P79903	\$4,000.00
6616	CHROMAL PLATING CO	1469	11/08/2024	SH	P67517, P78607	\$6,000.00
182561	COLTON POWER LP	2012, 2012 Appendix A	11/08/2024	DH	P78903	\$7,200.00
199903	COOPER LIGHTING SOLUTIONS	2305	11/13/2024	ND	O15051	\$11,000.00
19823	CREE OIL LTD	203	11/08/2024	SH	P74396	\$4,000.00
122691	DEIST	203, 463, 1173	11/21/2024	JL	P75672, P75680, P79651	\$14,400.00
85014	HILL BROTHERS CHEMICAL CO	314, 1113	11/20/2024	JJ	P75751	\$5,000.00
187823	KIRKHILL INC	1100, 2004, 2012, 2305	11/20/2024	JL	O15020, P66938, P78705	\$10,500.00
139799	LITHOGRAPHIX INC	2305, 3002, 3003, 3004	11/14/2024	NS	O15006, P65871, P73805	\$13,463.00
201061	LOWE'S COMPANIES INC	1143	11/20/2024	JL	P74917, P74918, P74919, P74920, P74921, P74922, P74933, P74934	\$293,000.00
2825	MCP FOODS INC	2004, 3002	11/01/2024	MR	P67385, P74613	\$2,418.00
8408	OMNI METAL FINISHING INC	203, 1469	11/07/2024	MR	P74701, P74711, P79553	\$4,231.50

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
183564	ONNI TIMES SQUARE LP	203, 2004	11/08/2024	RL	P75626, P78703	\$4,800.00
200617	ONTPDC	2305	11/22/2024	RM	O15059, O15061	\$47,600.00
158855	REDLANDS CITY MUNICIPAL UTILITIES & ENG	203	11/05/2024	NS	P74126, P74127	\$8,700.00
16639	SHULTZ STEEL CO	1430, 2004, 2012, 3002	11/14/2024	MR	P63810, P63822, P63834, P64382, P64395	\$12,090.00
114083	SOLUTIONS UNLIMITED - WILSON'S ART STUDIO	3002	11/15/2024	SH	P73960	\$750.00
191558	SPACE EXPLORATION TECHNOLOGIES	2305	11/07/2024	JL	O15021	\$2,500.00
181667	TORRANCE REFINING COMPANY LLC	221, 463, 1114, 1118, 1178, 2004, 3002, 40 CFR 60, QQQ, 40 CFR 63.670	11/21/2024	DH	P65638	\$84,960.00
181667	TORRANCE REFINING COMPANY LLC	1118, 2004, 3002	11/21/2024	DH	P66724, P74080	\$4,680.00
200289	VEYER	2305	11/07/2024	ND	O15054	\$13,800.00
201692	WIN IT AMERICA INC	2305	11/07/2024	ND	O15083	\$13,800.00
180360	WINDSOR GARDENS CONVALESCENT CENTER	203	11/12/2024	CM	P78716	\$2,500.00
Total Civil Settlements: \$620,092.50						
Hearing Board						
119219	CHIQUITA CANYON LLC	431.1, 3002	11/22/2024	KER/MR	6177-4	\$304,153.80
146536	WALNUT CREEK ENERGY LLC	203, 2004, 3002	11/22/2024	KCM	6230-6	\$20,000.00
Total Hearing Board Settlements: \$324,153.80						
MSPAP						
193990	ARCADIA GOLF COURSE	461	11/15/2024	CR	P73713	\$504.00
174570	ARCO (#42135) TESORO REFINING & MARKETING	461, H&S 41960	11/22/2024	CM	P79604	\$1,286.00
155753	ARCO AM/PM CONTINENTAL OIL	461	11/22/2024	CM	P80571	\$2,568.00
181026	ARCO AM/PM (#42960)	461, H&S 41960.2	11/01/2024	CM	P80961	\$3,706.00
21330	BLUE BANNER CO INC	203	11/01/2024	CM	P79220	\$1,209.00
201462	BLUE BOX OPCO (DBA "INFANTINO")	2305	11/15/2024	CL	O15119	\$5,000.00
180406	BROADWAY MART INC	461	11/01/2024	SW	P80934	\$1,996.20
5023	CAL ST UNIV LONG BEACH EH&S	1146, 1146.1	11/22/2024	CL	P73830	\$16,723.00
23166	CANDLEWOOD COUNTRY CLUB	203, 222, 461	11/22/2024	CL	P74466	\$4,819.00
203666	CRASH MONSTERS GARAGE	203	11/01/2024	CR	P74043	\$857.00
195630	DR HORTON	403	11/15/2024	CM	P74197	\$2,018.00
202279	DRINKPAK	2305	11/22/2024	CL	O15165	\$5,000.00
143630	ELECTRODE TECH INC REID METAL FINISHING	203, 1469	11/22/2024	CL	P65550, P74710	\$3,022.00
162592	GROVE 76 (JC OIL INC)	461	11/22/2024	CL	P70187	\$777.00
113433	HARBER COMPANIES INC	1403	11/22/2024	CL	P74718, P74719	\$7,768.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
48040	HILL'S BOAT SERVICE INC	203	11/01/2024	SW	P79605	\$1,148.55
116539	HITEC METAL FABRICATION CORP	203	11/22/2024	CL	P80269	\$2,018.00
173417	HUNTINGTON HARBOR CAR WASH	203, 461	11/01/2024	CL	P74811, P78775	\$5,151.00
198202	JET EDGE INTERNATIONAL	203	11/13/2024	CL	P62785	\$5,802.00
198028	KOIA ANAHEIM FACILITY LLC	203, 1146	11/01/2024	CL	P80266	\$4,231.00
179557	KR HOLLYWOOD LLC	203	11/15/2024	CL	P76507	\$1,386.00
70461	LA CO FIRE STATION (#85)	461	11/08/2024	CM	P73178	\$1,818.00
195683	MATICH CORPORATION	403	11/22/2024	CR	P74143	\$2,018.00
183737	ORANGE COUNTY GLOBAL MEDICAL CENTER	1415.1	11/08/2024	VB	P74915	\$9,368.00
85487	PASADENA AUTO WASH	461, H&S 41960.2	11/08/2024	CR	P80906	\$2,861.00
181537	PDQ RENTALS	461	11/22/2024	SW	P79862	\$3,022.50
194392	RADC ENTERPRISES INC	461, H&S 41960.2	11/15/2024	SW	P80929	\$1,438.00
136643	RIVKAH INC	461	11/15/2024	VB	P80935	\$900.00
179084	RJM MINI MARKET INC	461, H&S 41960.2	11/08/2024	CR	P79376	\$1,030.00
92752	SANTA ANA CITY CORPORATE YARD	461	11/08/2024	CR	P73956, P73957	\$2,218.00
185283	SIXT RENT A CAR	203, 461	11/08/2024	VB	P78416	\$2,342.00
182089	SUNBELT RENTALS PC 632	461	11/01/2024	CL	P71174, P75951	\$554.00
195738	THE HABIT BURGER	222	11/08/2024	CR	P73921	\$1,208.00
8443	WORLD OIL MARKETING CO (#13)	461, H&S 41960.2	11/08/2024	CR	P80938	\$1,513.00
186723	WORLDPAC INC	203	11/01/2024	CL	P75622	\$4,855.00
Total MSPAP Settlements: \$112,135.25						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR NOVEMBER 2024 PENALTY REPORT**

REGULATION II - PERMITS

- Rule 203 Permit to Operate
- Rule 221 Plans
- Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

REGULATION III - FEES

- Rule 314 Fees for Architectural Coatings

REGULATION IV - PROHIBITIONS

- Rule 403 Fugitive Dust
- Rule 431.1 Sulfur Content of Gaseous Fuels
- Rule 461 Gasoline Transfer and Dispensing
- Rule 463 Storage of Organic Liquids

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1100 Implementation Schedule for NOx Facilities
- Rule 1113 Architectural Coatings
- Rule 1114 Petroleum Refinery Coking Operations (MCS-01)
- Rule 1118 Emissions from Refinery Flares
- Rule 1143 Consumer Paint Thinners & Multi-Purpose Solvents
- Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1148.1 Oil and Gas Production Wells
- Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
- Rule 1168 Adhesive and Sealant Applications
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds
- Rule 1176 Sumps and Wastewater Separators
- Rule 1178 Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

REGULATION XIV - TOXICS

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415.1 Reduction of Refrigerant Emissions from Stationary Refrigeration Systems
- Rule 1430 Control of Emissions from Metal Grinding Operations at Metal Forging Facilities
- Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR NOVEMBER 2024 PENALTY REPORT**

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements
- Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions
- Rule 2012
- Appendix A Protocol for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXIII - FACILITY BASED MOBILE SOURCE MEASURES

- Rule 2305 Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (Waive) Program

REGULATION XXX - TITLE V PERMITS

- Rule 3002 Requirements
- Rule 3003 Applications
- Rule 3004 Permit Types and Content

CODE OF FEDERAL REGULATIONS

- 40 CFR 60, QQQ Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater
- 40 CFR 63.670 Requirements for Flare Control Devices

CALIFORNIA HEALTH AND SAFETY CODE

- 41960 Certification of Gasoline Vapor Recovery System
- 41960.2 Gasoline Vapor Recovery
- 42402 Violation of Emission Limitations – Civil Penalty