

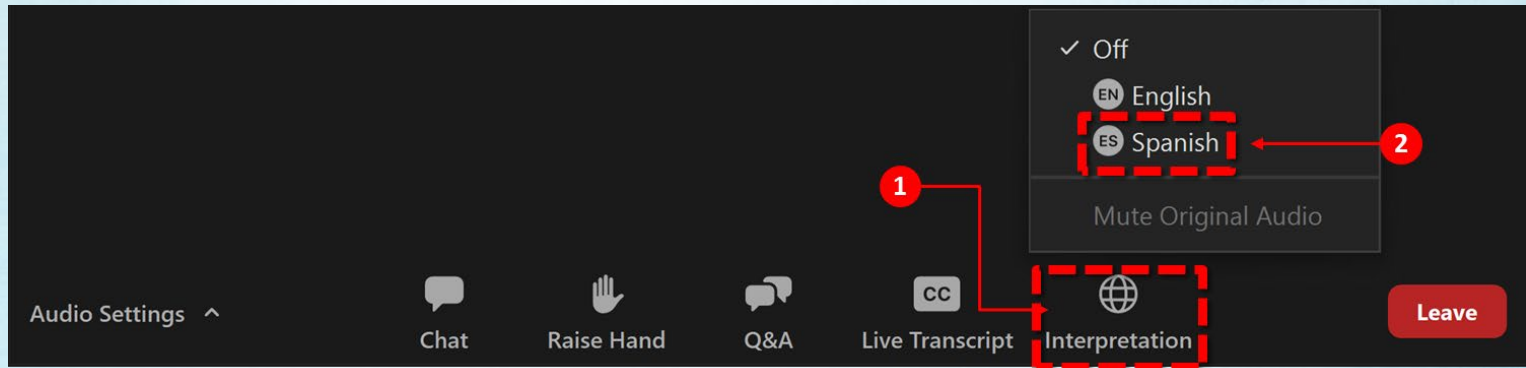


Landscaper Workgroup #5: Small Off-Road Engines

May 22, 2024

Language Access / Interpretación

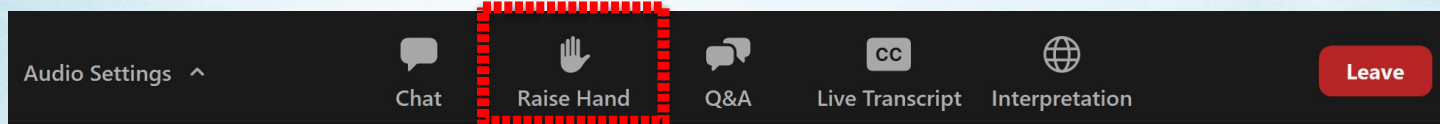
1. In your meeting/webinar controls, click **Interpretation**.
En los controles del reunión, marca **Interpretación**.
2. Click the language that you would like to hear.
Marca el idioma que le gustaría escuchar.
3. To only hear the interpreted language, click **Mute Original Audio**.
Para escuchar solo el idioma interpretado, silencia el **Audio Original**.



Zoom Orientation / *Orientación de Zoom*

Raise Hand

Levantar la Mano



Meeting Agenda

- Recap from previous meeting
- Status of the rules for landscape equipment
- Landscaper Experiences with Zero Emission Equipment and Incentives
- Electric Utilities Overview of the Process of Preparing for Zero-Emission Equipment
- Incentives and Air District Presentations
- Questions and Answers

Recap from Previous Meeting

- Landscaper panel nominations
- Questions regarding further funding
- Electrical infrastructure
- Consumer Use and small off-road engines or equipment (SORE)
- Request to increase meeting to 90 minutes
- emailed responses to unanswered questions from last meeting.
- <https://ww2.arb.ca.gov/our-work/programs/small-road-engines-sore/landscaper-workgroup>

Small Off-Road Engines (SORE)

(Spark-ignition, ≤ 25 hp)



Rules Apply to Manufacturers

- Apply to new engines
- Certification required prior to sale
- No in-use requirements for equipment owners
- Owners may continue purchasing and using equipment



Zero-Emission Standards

Effective January 1, 2023

Equipment type	MY 2024-2027	MY 2028+
Most SORE	Zero	Zero
Pressure washers (≥ 225 cc) and portable generators	More stringent	Zero

- Manufacturers may continue producing some engines
- No restriction on sale of CARB-certified equipment

Tax Credits

- Promoting Reduction of Emissions Through Landscaping Equipment Act (HR 6013) – no change
- Commercial Clean Vehicle Credit – Lawn Mowers may qualify



Landscaper Experience with ZEE

Leslie Macias, Equipment Manager with Mission Landscape

Presentation from Electric Utilities

- Pacific Gas and Electric
- San Diego Gas and Electric
- Southern California Edison

Poll

How are you connected to the Landscape Industry?

- a. Professional Landscaper
- b. Manufacturer
- c. Residential User
- d. Equipment Dealer
- e. Other

5 minutes

6:08

Break



Carl Moyer Lawn and Garden Incentives

Landscaper Workgroup Meeting
05/22/24

Carl Moyer Lawn & Garden Program

- Local air districts must have a program and may choose to have more stringent requirements
- Eligibility: Residents & Businesses
- Requirements: Scrap and replace with electric equivalent & 2 years of equipment ownership
 - Commercial – Own and operate equipment in California, and business license or employer identification number or personal or business tax identification number

Carl Moyer Lawn and Garden Program

Equipment	Max Residential Grant Amount	Max Commercial Grant Amount
Chainsaws/Trimmers/ Edgers/Brushcutters	\$300	\$700
Leaf blowers/Vacuums	\$200	\$1,400
Walk Behind Mowers	\$330	\$1,500
Ride-on or Stand/Sit Mowers	\$2,000	\$15,000

Eligible purchases = Lawn and garden equipment + batteries and chargers up to max. Moyer funding cannot exceed total costs of items purchased.

Carl Moyer Resources

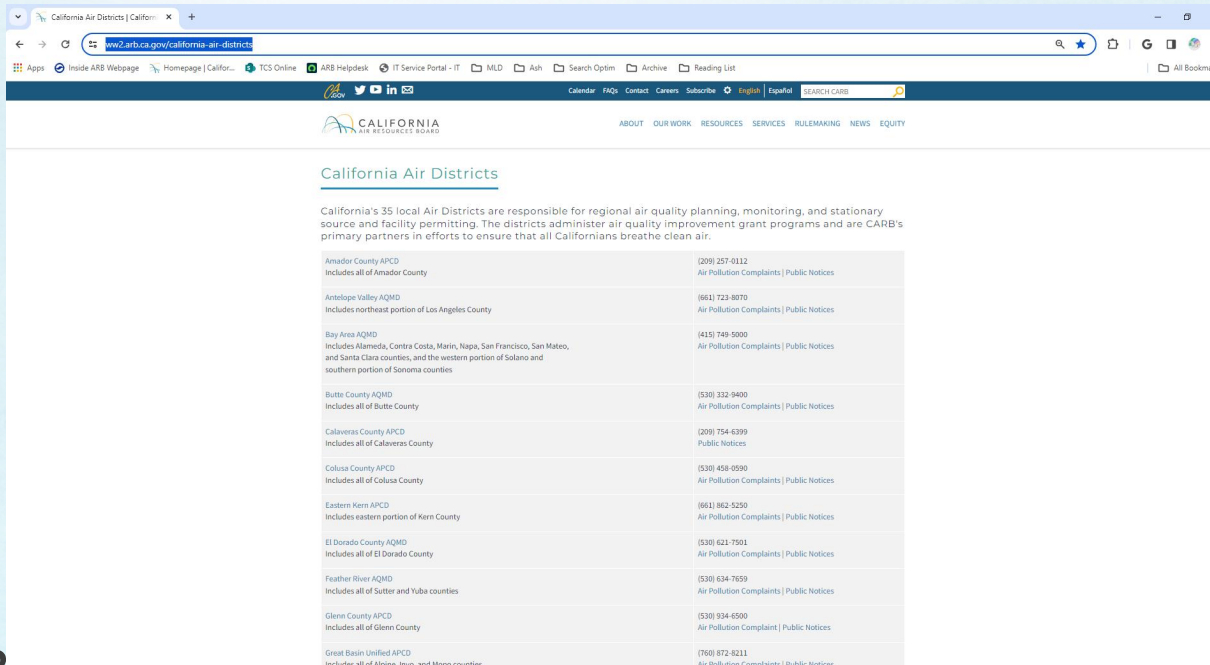
- Moyer Guidelines – [Chapter 9: Lawn and Garden Equipment Replacement \(ca.gov\)](#)
- Moyer Lawn and Garden Source Category Page – [Carl Moyer Program: Lawn and Garden Equipment Replacement | California Air Resources Board](#)

South Coast Air Quality Management District

Commercial Electric Lawn and Garden Equipment

How to find your Air District

- <https://ww2.arb.ca.gov/california-air-districts>



California Air Resources Board

California Air Districts

California's 35 local Air Districts are responsible for regional air quality planning, monitoring, and stationary source and facility permitting. The districts administer air quality improvement grant programs and are CARB's primary partners in efforts to ensure that all Californians breathe clean air.

Amador County APCD Includes all of Amador County	(209) 257-0112 Air Pollution Complaints Public Notices
Antelope Valley AQMD Includes northeast portion of Los Angeles County	(661) 723-8070 Air Pollution Complaints Public Notices
Bay Area AQMD Includes Napa, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, and the western portion of Solano and southern portion of Sonoma counties	(415) 749-5000 Air Pollution Complaints Public Notices
Butte County AQMD Includes all of Butte County	(530) 332-9400 Air Pollution Complaints Public Notices
Calaveras County APCD Includes all of Calaveras County	(209) 754-6399 Public Notices
Colusa County APCD Includes all of Colusa County	(530) 458-0590 Air Pollution Complaints Public Notices
Eastern Kern APCD Includes eastern portion of Kern County	(661) 862-5250 Air Pollution Complaints Public Notices
El Dorado County AQMD Includes all of El Dorado County	(530) 621-7501 Air Pollution Complaints Public Notices
Feather River AQMD Includes all of Sutter and Yuba counties	(530) 634-7659 Air Pollution Complaints Public Notices
Gleason County APCD Includes all of Glenn County	(530) 934-6500 Air Pollution Complaint Public Notices
Great Basin Unified APCD Includes all of Alpine, Inyo, and Mono counties	(760) 872-8211 Air Pollution Complaints Public Notices

CORE Pro Landscaper Update

- SB 170 \$30 million funded the CORE Pro Landscaping project
- Opened Nov. 2022 – Closed Oct. 2023
- Over 3,800 participants
- +27,000 tools
- +30,000 batteries and chargers

Outreach

- Email invitations through GovDelivery
- Postcard invitations
- Flyers
- Ideas and suggestions?



5 minutes

Break

Request for Meeting Topics

Please share topics you would like in future workgroups

landscaper@arb.ca.gov

Contacts

- Landscaper workgroup – landscaper@arb.ca.gov
- Small off-road engine rules – sore@arb.ca.gov
- Carl Moyer – Joshua Simmons
Joshua.Simmons@arb.ca.gov

Next Workgroup Meeting

The Next Workgroup Meeting will be held

August 28, 2024