

Landscape Equipment Electrification Funds (LEEF)

Board of Directors
Santa Barbara County
Air Pollution Control District

Our Mission: To protect the people and the environment
of Santa Barbara County from the effects of air pollution.

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Air Quality Impacts

- ▶ Emissions: Ozone precursors (ROC, NOx), carbon monoxide, particulate matter, greenhouse gases, toxic air contaminants
- ▶ Effects: ozone/smog formation, neighborhood impacts, health impacts to equipment operators
- ▶ 2% of county's onshore ozone precursor emissions



Ozone Precursor Emissions of Gasoline Equipment Use Compared to Passenger Car Travel

Source: California Air Resources Board, Small Engine Fact Sheet



LEEF Program Basics

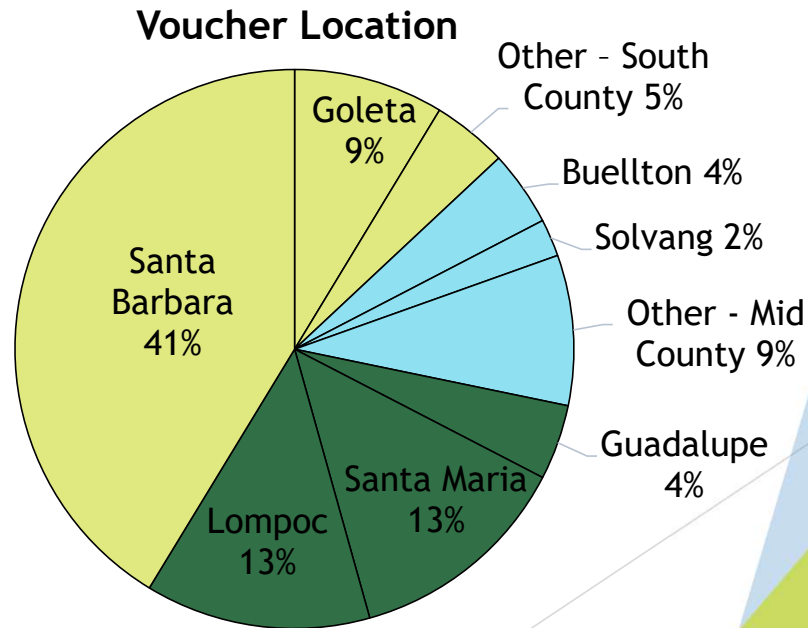
- ▶ Provides vouchers to incentivize commercial landscape equipment users to purchase electric equipment
- ▶ Eligible organizations: commercial landscapers, non-profit organizations, public agencies, schools, businesses
- ▶ Two cycles of LEEF Program approved by board
 - ▶ Pilot Program, spring 2020
 - ▶ LEEF Year 2, winter 2020
- ▶ Each funded with \$100,000 from District's Clean Air Fund

LEEF participant, Kitson Landscape, with new electric trimmer

Past Success - Pilot Program and Year 2

- ▶ Considerable community interest in both programs
- ▶ 46 vouchers issued. 729 pieces of electric landscape equipment purchased.
- ▶ Participant surveys show satisfaction with new equipment (4.4 out of 5 rating)

Organization Type	Vouchers Issued
Landscapers	18
School	12
Nonprofit	9
Public Agency	7
Total	46



State Actions

- ▶ California Air Resources Board (CARB) requiring newly manufactured landscape equipment to be zero emission starting in 2024
- ▶ Incentive Funds for electric landscape equipment
 - ▶ CORE Program provides point of sale discounts for small landscape businesses
 - ▶ Carl Moyer State Reserve Year 24 provides funding to air districts to implement their own incentive program
 - ▶ We received \$850,000 to implement LEEF 3



Mean Green Mowers electric mower



LEEF Participant, Kitson Landscape, with new blower and backpack battery

LEEF 3

- ▶ Launched June 5, 2023
- ▶ Follows requirements of CARB's Carl Moyer Program Guidelines
- ▶ Requires trade-in of gas landscape equipment for each new piece purchased

Maximum Funding Amount by Equipment Type

Equipment Type	Maximum Funding Amount*
Chainsaws, trimmers, edgers, brush cutters	\$700
Leaf blowers	\$1,400
Walk-behind lawn mowers	\$1,500
Ride-on mowers	\$15,000

*includes cost of batteries and chargers

LEEF 3 Outreach

- ▶ Flyers mailed to licensed landscapers, handed out at events, and distributed by District inspectors
- ▶ Partnerships with local equipment retailers
- ▶ Emails and news release to landscapers, schools, and public agencies
- ▶ Social media
- ▶ Collaboration with local organizations - Green Gardener Program, Chambers of Commerce, and sustainability organizations
- ▶ All outreach materials and program documentation in English and Spanish

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 **INCENTIVES FOR COMMERCIAL ELECTRIC LANDSCAPING EQUIPMENT AVAILABLE!**

Eligible organizations can receive up to the following per trade in:

- \$700 for handheld equipment (chainsaws, trimmers etc.)
- \$1,400 for blowers
- \$1,500 for walk-behind mowers
- \$15,000 for stand/sit mowers

Applications available at www.ourair.org/LEEFProgram/



 air pollution control district
SANTA BARBARA COUNTY

Electric Landscape Equipment Demo Days

- ▶ First demo day held July 19 at San Marcos High School (Santa Barbara)
- ▶ 12 electric equipment manufacturers with equipment to demo
- ▶ Educational workshop from American Green Zone Alliance on transitioning landscape fleets to electric
- ▶ Presentation on LEEF Program and other available incentives
- ▶ About 70 attendees, good feedback from attendees and manufacturers
- ▶ Currently planning a second demo day event in Santa Maria for September

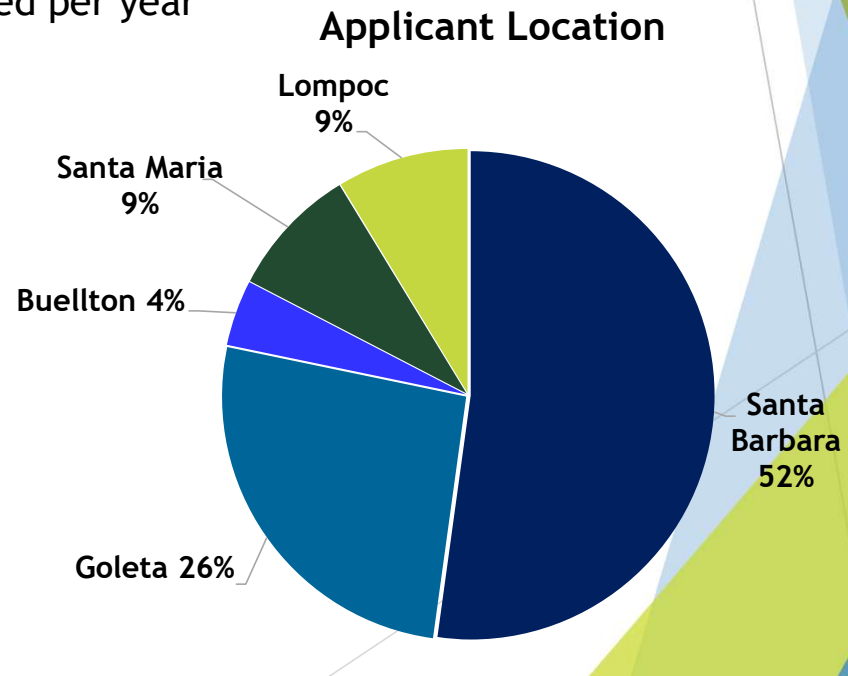
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LEEF 3 Reception

- ▶ Progress since program launch on June 5
 - ▶ 24 applications received
 - ▶ \$370,274 allocated (50% of available funds)
 - ▶ 492 pieces of landscape equipment purchased
 - ▶ 4,032 lbs. pollutants (ROC, NOx, PM) reduced per year
- ▶ Application closure on November 3

Organization Type	Vouchers Issued
Landscaper	10
Non-profit	5
School	6
Other Business	2
Public Agency	1
Total	24



LEEF Fiscal Impact

- ▶ Fiscal Impact
 - ▶ \$850,000 from CARB Carl Moyer Year 24 State Reserve Funds
 - ▶ \$743,750 for project funds and \$106,250 for administration
 - ▶ \$2 DMV funds available if all CARB funds expended before closure date
 - ▶ Included in District's FY 2023-24 Adopted Budget



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