




Agenda Item: D-2
Agenda Date: June 18, 2020
Agenda Placement: Admin
Estimated Time: N/A
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Lorena Saldana, Executive Assistant/Board Clerk, (805) 961-8853

SUBJECT: District Grant Program Activity

RECOMMENDATION:

Receive and file the following:

1. An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of December 12, 2019 through June 1, 2020;
2. An update on the Landscape Equipment Electrification Fund (LEEF) program for zero-emission landscape equipment vouchers during the period of March 4, 2020 through June 1, 2020; and
3. Summary of the emission-reduction grant agreements approved by the Air Pollution Control Officer for the period of May 1, 2020 through May 31, 2020 in accordance with Board Resolution Number 09-14.

DISCUSSION:

Your Board expanded the authority of the Control Officer to issue grants for emission reduction projects up to \$150,000 provided your Board had authorized an overall umbrella program for each type of project. The attached summary sheets describe the grants approved since our last report. In addition, updated grant fund allocation reports by city for the District's Old Car Buy Back Program as well as the Woodsmoke Reduction Program are being provided.

ATTACHMENTS:

- A. Woodsmoke Reduction Program Update
- B. Landscape Equipment Electrification Fund Update
- C. Grant Agreement Approval Forms

ATTACHMENT A

Woodsmoke Reduction Program Update for the period of
December 12, 2019 – June 1, 2020

June 18, 2020

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



Woodsmoke Reduction Program Update

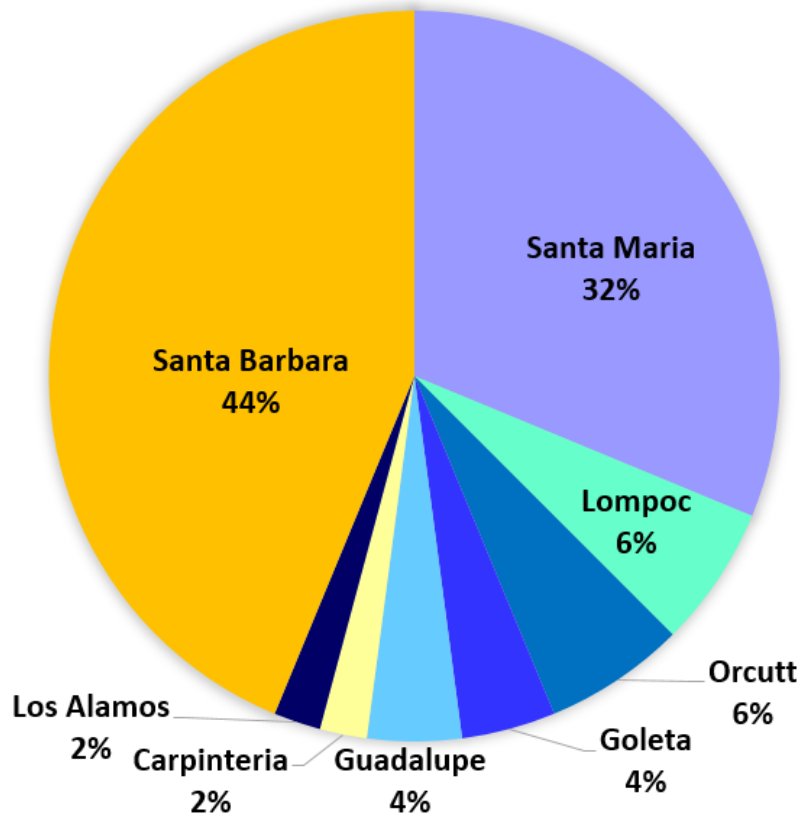
This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other Applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM_{2.5} and PM₁₀) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

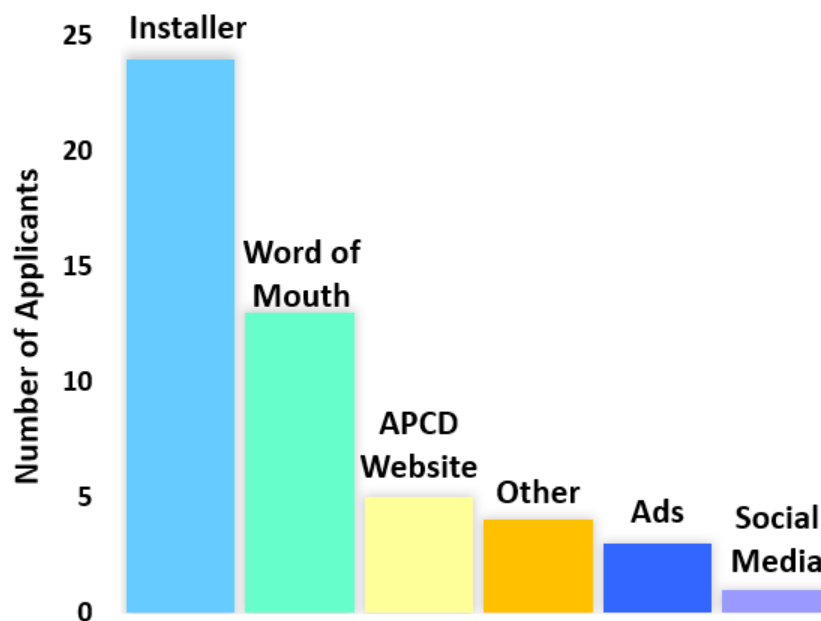
Year 2 Program Fireplace and Stove Replacements (December 12 th 2019 – June 1 st 2020)						
Household Type	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} Reduced (lbs)	Ozone Precursors Reduced (NO _x and ROC, lbs)
		Wood Fireplace to Gas Insert	Wood Stove to Gas Stove			
Low Income	45	15	0	\$73,899	28,061	53,242
Other	3	0	0	\$0	0	0
Total	48	15	0	\$73,899	28,061	53,242
Year 2 Program Budget				\$214,652		
Year 2 Program Balance				\$140,753		
Cost Effectiveness (\$/ton PM _{2.5})				\$5,267		
Cost Effectiveness (\$/ton NO _x and ROC)				\$2,776		



Project Location



How Applicants Learned of Program



ATTACHMENT B

Landscape Equipment Electrification Fund (LEEF) Update for
the period of
March 4, 2020 – June 1, 2020

June 18, 2020

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



Landscape Equipment Electrification Fund (LEEF) Pilot Program Update

The LEEF Pilot Program offers vouchers to help landscape businesses, public agencies, and public or private schools that perform their own landscape maintenance services and are located in or do businesses within the County, to transition to the use of zero-emission electric landscape equipment. The Pilot Program is funded with \$100,000 from the District's Clean Air Fund that your board approved in December of 2019. Eligible organizations can receive a voucher of up to \$10,000 for purchase of electric ride-on mowers, walk-behind mowers, leaf blowers, leaf vacuums, edgers, trimmers, chainsaws, and pole saws. The voucher covers up to 60% of the purchase price for landscape equipment and up to 100% of the purchase price for an additional battery or charger for each piece of equipment purchased. The vouchers were distributed on a first-come, first-served basis with 50% of initial funds allocated to landscape businesses. To date, all program funds have been obligated to projects. The District has received requests for \$164,021 in funding, exceeding the program's budget of \$100,000.

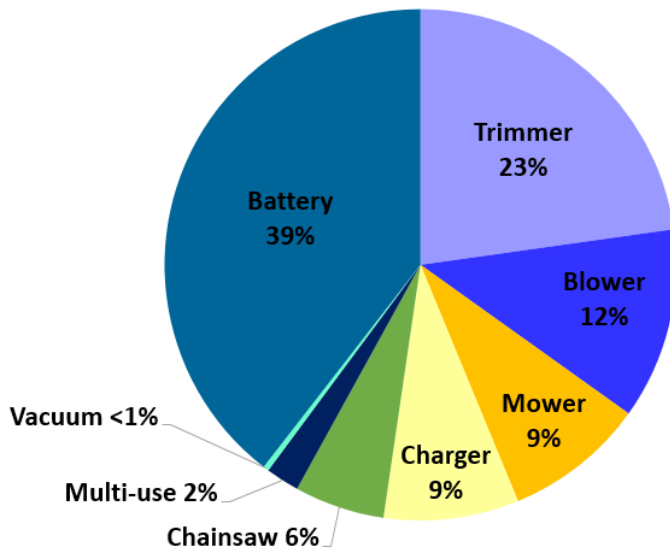
The program helps reduce gasoline- and diesel-powered landscape equipment emissions including nitrogen oxides, particulate matter, carbon dioxide, and other pollutants. The program also helps community members, businesses, and employees experience the health and environmental benefits of cleaner technology that may ultimately lead to a change in consumer purchases throughout the county.

We are currently in the process of soliciting feedback from the participants about the program and new equipment. This information will be included in the program update for the August board meeting.

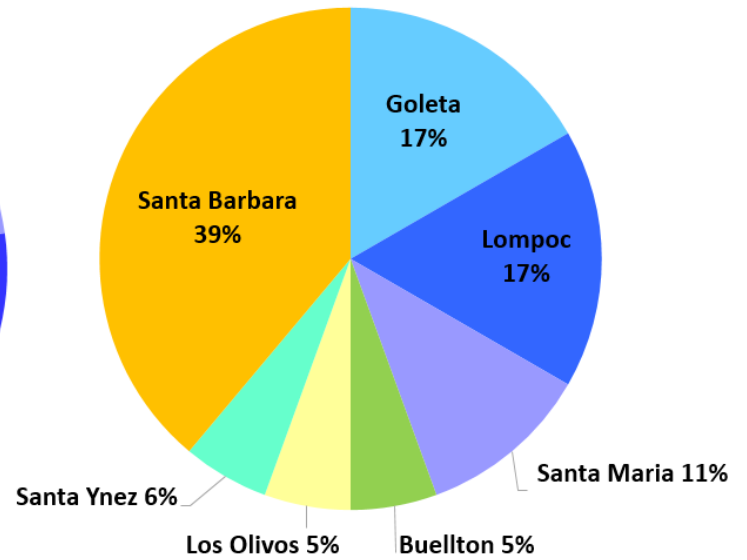
Pilot Program Voucher Incentives (March 4 th , 2020 – June 1 st , 2020)					
Organization Type	Applications Received		Vouchers Issued		\$ Expended to Date
	Number	Amount	Number	Amount	
Business	14	\$98,228	7	\$58,022	\$48,196
Public Agency	3	\$24,593	1	\$10,000	\$10,000
School	12	\$41,200	10	\$31,978	\$30,733
Total	29	\$164,021	18	\$100,000	\$88,929
Program Budget					\$100,000
Program Balance					\$11,071



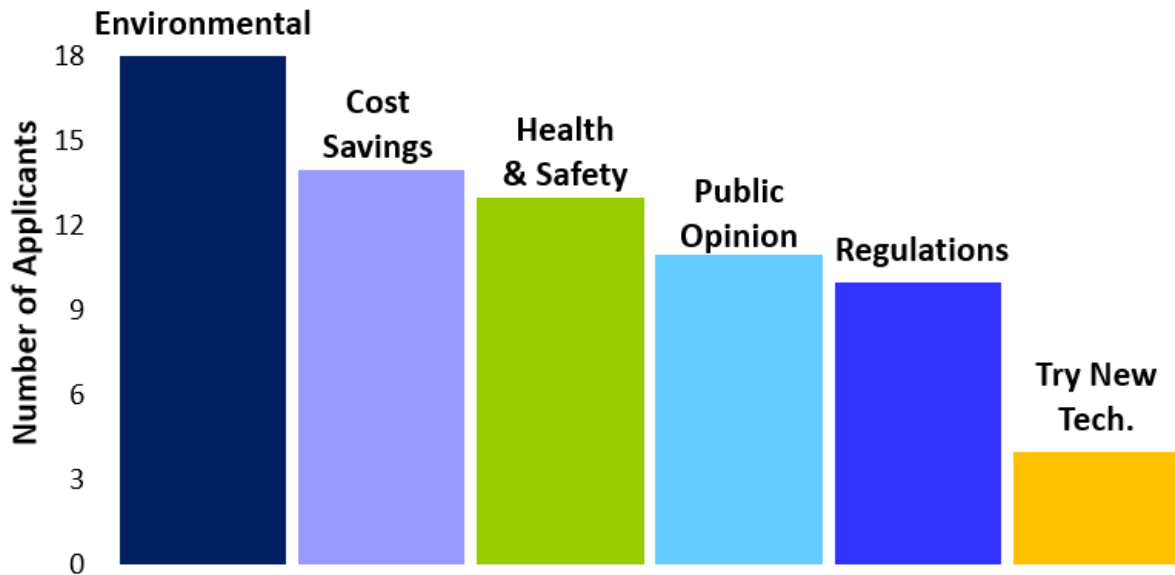
Equipment Types Funded



Project Location



Applicant Reasons for Applying to Program



ATTACHMENT C

Grant Agreement Approval Forms for the Period of
May 1, 2020 – May 31, 2020

June 18, 2020

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer
Staff Contact: Mike McKay
Date: 05/27/20
Grant Program: Carl Moyer – Year 21
Category: Off-Road

GRANT INFORMATION

Grantee: DL Farm Mangement (AP192035)
Project Location: Santa Maria Valley
Grant Agreement Amount: \$69,000
Old Equipment: 2005 John Deere Agricultural Tractor 100hp (Tier 0)
New Equipment: 2019 John Deere Agricultural Tractor 120hp (Tier 4F)
Grant Cost-Effectiveness: \$29,715
Cost-Effectiveness Limit: \$30,000
Project Life: 3 Years
Project Lifetime Emission Reductions: 2.361 tons (0.787 tons/yr)

FUND INFORMATION

Carl Moyer Year 21 Budget: \$563,651.00
Encumbered Grant Agreements: \$298,639.69 (Including current grant)
Carl Moyer Year 21 Balance: \$265,011.31

Approved: _____

Air Pollution Control Officer

Date: 27 May 2020

Please contact the Board Clerk to review this grant agreement

GRANT AGREEMENT APPROVAL FORM

To: Air Pollution Control Officer

Staff Contact: Mike McKay

Date: 05/27/20

Grant Program: Carl Moyer – Year 21

Category: Off-Road

GRANT INFORMATION

Grantee: Campbell Leasing (AP192037)

Project Location: Lompoc Valley

Grant Agreement Amount: \$150,000

Old Equipment: 1990 John Deere Agricultural Tractor 222hp (Tier 0)

New Equipment: 2019 John Deere Agricultural Tractor 270hp (Tier 4F)

Grant Cost-Effectiveness: \$17,454

Cost-Effectiveness Limit: \$30,000

Project Life: 3 Years

Project Lifetime Emission Reductions: 8.769 tons (2.923 tons/yr)

FUND INFORMATION

Carl Moyer Year 21 Budget: \$563,651.00

Encumbered Grant Agreements: \$448,639.69 (Including current grant)

Carl Moyer Year 21 Balance: \$115,011.31

Approved: _____


Air Pollution Control Officer

Date: 27 May 2020

Please contact the Board Clerk to review this grant agreement