




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 Old Car Buy Back Program for vehicles retired during the period of July 1, 2020 through August 21, 2020;
2. An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of December 12, 2019 through September 25, 2020; and
3. An update on the Landscape Equipment Electrification Fund (LEEF) Program for zero-emission landscape equipment vouchers during the period of March 4, 2020 through September 25, 2020.

DISCUSSION:

This item provides an update on three grant programs and the activity that has occurred since your last Board meeting. Grant fund allocation reports for the District's Old Car Buy Back Program, Woodsmoke Reduction Program, and Landscape Equipment Electrification Fund Program identify funding allocation to date, remaining fund balance, and project location.

ATTACHMENTS:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update
- C. Landscape Equipment Electrification Fund Program Update

ATTACHMENT A

Old Car Buy Back Program Update for the period of
July 1, 2020 – August 21, 2020

October 15 2020

Santa Barbara County Air Pollution Control District
Board of Directors

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



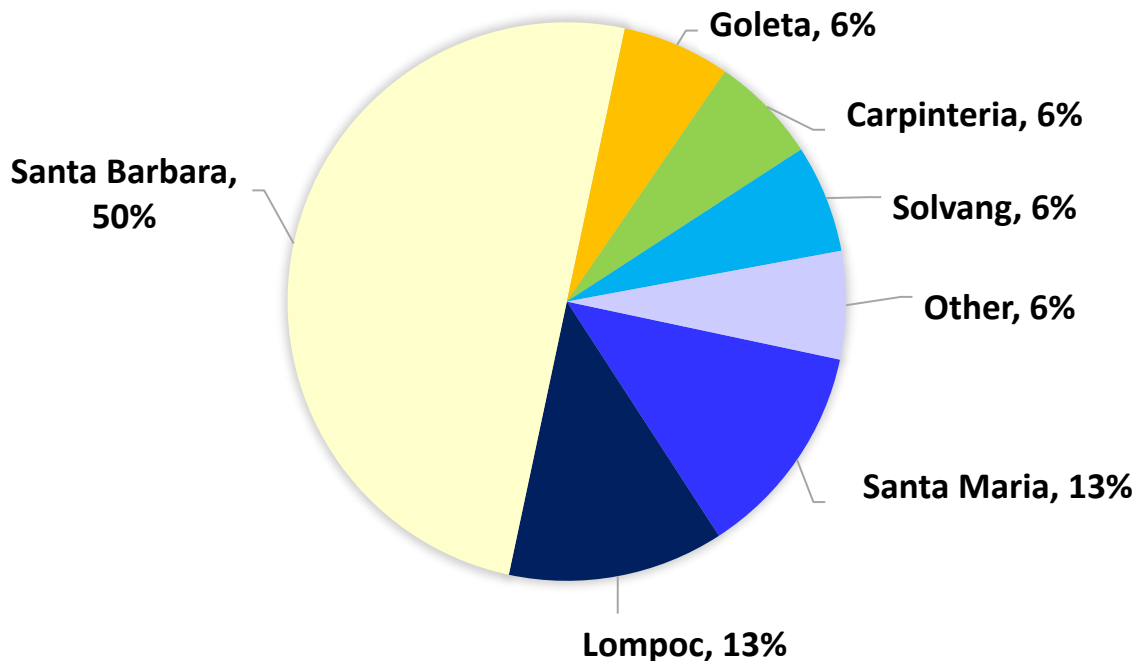
Old Car Buy Back Program Update

The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1995 or older, light or medium duty car, truck, van, or SUV. The regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is derived from \$2 DMV registration surcharge funds. Below is the program data for the most recent reporting period and the entire fiscal year. The program was put on hold on August 21st while we implement the new Board approved contracts with the dismantlers. The program will restart in October.

Old Car Buy Back Program Activity		
	7/1/2020 - 8/21/2020	FY 2020-21
Vehicles retired	16	16
Funds committed @ \$1,250/vehicle	\$20,000	\$20,000
Total tons reduced [NOx+ ROC + PM]	1.42	1.42
Average project cost-effectiveness	\$13,782/ton	\$13,782/ton

Vehicle Owner Location (FY 2020-21)



ATTACHMENT B

Woodsmoke Reduction Program Update for the period of
December 12, 2019 – September 25, 2020

October 15, 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

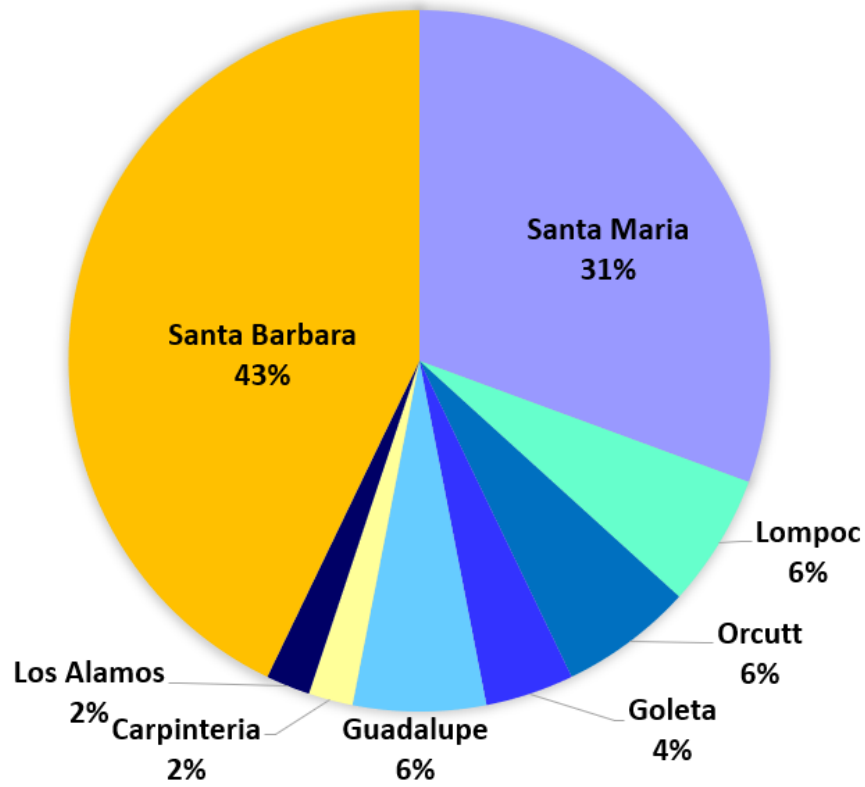
This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive 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.

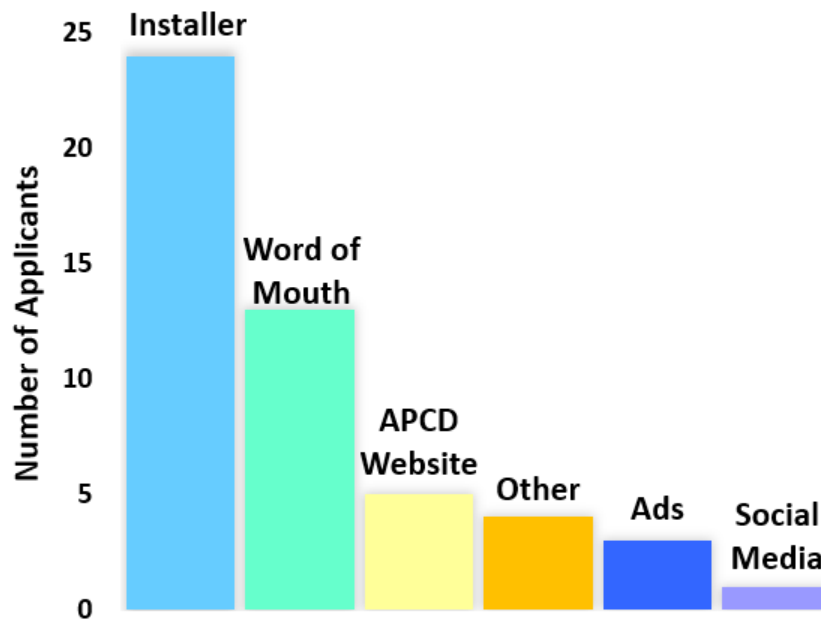
Year 2 Program Fireplace and Stove Replacements (December 12 th 2019 – September 25 th 2020)						
Household Type	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} Reduced (lbs)	Ozone Precursors Reduced (NO _x and ROC, lbs)
		Wood-burning to Gas-burning	Wood-burning to EPA-Certified Wood-Burning			
Low Income	47	26	2	\$134,274	55,399	107,213
Other	3	2	0	\$2,000	3,961	7,434
Total	50	28	2	\$136,274	59,360	114,647
Year 2 Program Budget				\$214,652		
Year 2 Program Balance				\$78,378		
Cost Effectiveness (\$/ton PM_{2.5})				\$4,591		
Cost Effectiveness (\$/ton NO_x and ROC)				\$2,377		



Project Location



How Applicants Learned of Program



ATTACHMENT C

Landscape Equipment Electrification Fund (LEEF) Program
Update for the period of
March 4, 2020 – September 25, 2020

October 15, 2020

Santa Barbara County Air Pollution Control District
Board of Directors

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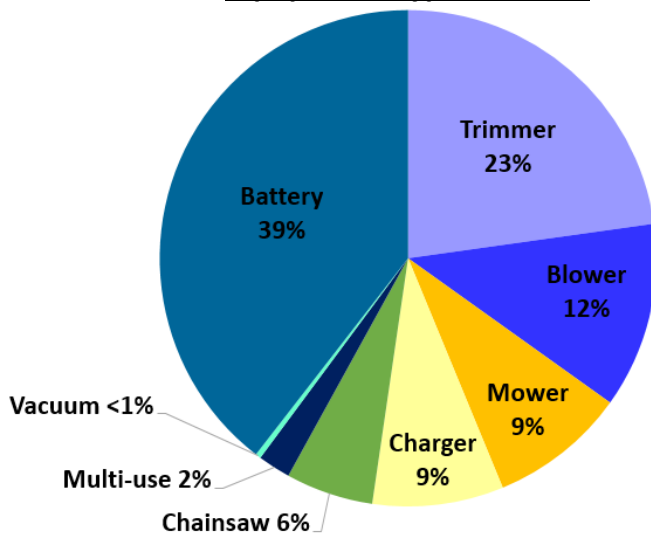
Landscape Equipment Electrification Fund (LEEF) Pilot Program Update

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 business within the County, to adopt the use of zero-emission electric landscape equipment. The pilot program is funded with \$100,000 from the District’s Clean Air Fund that the District Board approved in December of 2019. Under the pilot program, eligible organizations received 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 covered 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 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 greater use of zero emission landscape equipment throughout the county. The pilot program was successful and lessons learned have been incorporated into the LEEF Program Year 2 proposal.

Pilot Program Voucher Incentives - Final Results (March 4 th , 2020 – September 25 th , 2020)					
Organization Type	Applications Received		Vouchers Issued		\$ Expended to Date
	Number	Amount	Number	Amount	
Business	14	\$98,228	7	\$58,022	\$58,022
Public Agency	3	\$24,593	1	\$10,000	\$10,000
School	12	\$41,200	10	\$31,978	\$31,475
Total	29	\$164,021	18	\$100,000	\$99,497
Program Budget					\$100,000
Program Balance					\$503

Equipment Types Funded



Project Location

