

Community Emission Reduction Program

Light-Duty Vehicles Measures

Shafter Community Steering Committee

April 12, 2021

AB 617 Program Plan Process

- CARB requires program plans for each incentive measure not currently approved under state guidelines
- District has created and submitted program plans based on priorities of the community
 - Plans incorporate feedback from the steering committee
- Program plans are submitted to CARB for final approval
 - Once approved the incentive program will be implemented in the community and the District can utilize AB 617 funds

Status of Shafter Program Plans

- Approved

- Residential Lawn and Garden
- Commercial Lawn and Garden
- Low Dust Nut Harvester
- Alternatives to Ag Burning

- Submitted

- Electric Vehicle Charging
- Electric Vehicle Mechanics Training
- Heavy Duty Truck Replacement
- Zero Emission Yard Truck
- Vegetative Barriers/Urban Greening

- In Progress

- Vehicle Repairs
- Passenger Vehicle Replacement with Electric or Plug In
- Public Fleet Replacement
- Car Share Program
- Bike Lanes
- Road Dust and Road Paving
- Residential Wood Burning Device replacement

CERP Measure C.3 Installation of Electric Vehicle Charging Infrastructure

Measure C.3 – Installation of EV Charging Infrastructure

- Provide a combination of Level 2 and Level 3 electric vehicle charging infrastructure necessary to support the deployment of battery electric and plug in hybrid vehicles in the Shafter community
- \$850,000 in AB 617 funding provided for the installation of up to 78 electric vehicle chargers
- Target reductions:
 - No direct emission reductions associated with this measure, but supports the emission reductions associated with electric vehicle deployment

EV Charging Infrastructure Program Incentives

FUNDING

Charger Type	*Maximum Amount Per Unit	Minimum Cost Share
Level 2 Single Port	\$5,000	None
Level 2 Dual Port	\$6,000	None
Level 3/DC Fast Charger	\$25,000	30% of total cost
FUNDING CAP:	\$50,000 annually per applicant/site	

**Actual reimbursement of funds to applicant may be reduced depending on final eligible invoiced costs. The District maintains the right to waive funding caps of a case by case basis.*

EV Charging Infrastructure Program Requirements

- Applicant may not purchase or install any chargers prior to obtaining an approved voucher from the District
- Applicant must be a public agency, business, or a multi-unit dwelling
- Site requirements:
 - Must be publicly accessible, a place of employment for the purpose of workplace charging, or a combination of both
 - Accessible 24 hours a day/7 days a week if the project includes a Level 3 EV charger
 - Must be owned by the applicant or the applicant must provide written permission by the property owner that the installation of the EV chargers is allowed
 - Residential properties are ineligible

EV Charging Infrastructure Program Process

- Apply:
 - Must submit a completed voucher application
- Application review:
 - First-come, first-serve basis until program funds are exhausted
- Application approval:
 - A voucher will be issued upon approval of application
- Installation
 - Participant purchases and installs their EV charger
- Voucher Redemption:
 - Applicant has one year to purchase and install EV chargers from the voucher execution date to complete the project
 - Once complete, participant will submit a Claim for Payment packet for reimbursement
 - Reimbursement will be issued to the participant

Next Steps

- CARB to review and approve Program Plan
- District will make program available following CARB approval with funding dedicated only available to Shafter community
- District to work closely with CSC on an outreach strategy to ensure that community members are aware and fully participate

CERP Measure C.1 Tune-In Tune-Up Program in Shafter Community

Measure C.1 - Tune In Tune Up Program

- Tune-In Tune-Up program within Shafter Community to reduce emissions of high emitting passenger vehicles that may be in need of emissions-related repairs
- Measure would provide \$400,000 in funding for program aimed at repairing up to 500 vehicles in Shafter community
- Target reductions:
 - NOx: 4.6 tons

Vehicle Repair Program Incentives

- The voucher issued to eligible participants will pay up to \$850 worth of emissions-related repairs at participating STAR certified smog shop
 - Any costs over the \$850 limit, as well as repairs that are not related to emissions, will come as an out-of-pocket expense to be paid by the participant
 - Participant has the option to decline repairs if out-of-pocket expenses are not affordable
- Shafter Transmission and Smog recently added as participating smog shop

Vehicle Repair Program Requirements

- Failed emissions test from participating smog shop
 - The test result must indicate that emissions measured from vehicle were higher than acceptable levels resulting in a “fail”
 - Functional failures (loose gas cap, tampered) are not eligible for the program
- Participant must have owned and operated the vehicle for at least six months
 - Must provide proof of ownership (i.e. DMV registration, title, etc.)
 - Vehicle must be registered within the Shafter community targeted area
- Participant must be a resident within AB 617 Shafter community
- Participant must not have already received emissions-related repairs through the District’s vehicle repair program within the past 12 months

Vehicle Repair Program Process

- Tune In Tune Up event model within community of Shafter
 - Participant brings vehicle to designated event location
 - Vehicle will receive a free emissions screening
 - If the vehicle fails for emissions, participant will receive a voucher for repairs
 - If the vehicle passes for emissions, the vehicle is not eligible for repairs
 - If voucher is received, participant will schedule an appointment with a program participating STAR certified smog shop
 - A smog test and diagnostic exam will be performed on the vehicle to determine the types of repairs needed
 - Smog shop will complete the necessary repairs on the vehicle
 - A final smog test is completed to ensure that the vehicle passes smog and that emission reductions are achieved

Next Steps

- Due to ongoing COVID-19 public health and safety requirements weekend events have been suspended, the vehicle repair program would be implemented as follows until events are able to resume:
 - Call program partner Valley Clean Air Now (Valley CAN) at 1-800-806-2004 or complete online form at <http://valleyair.org/drivecleaninthesanjoaquin/repair>
 - Valley CAN will schedule an appointment with the participant to go to one of the participating STAR certified smog shops
 - A smog test and diagnostic exam will be performed to determine the types of repairs needed
 - Smog shop will complete the necessary repairs on the vehicle and perform a final smog test
- Program plan will be submitted to CARB late April for review and approval
- District to present program to District Governing Board to update program admin
- Upon approval, launch program with dedicated funding for program implementation in Shafter community
- District to work closely with CSC on an outreach strategy to ensure that community residents are aware and fully participate

CERP Measure C.2

Replacement of Passenger Vehicles with Battery Electric or Plug-in Hybrid Vehicles

Measure C.2 – Replacement of Passenger Vehicles with Battery Electric or Plug-In Hybrid Vehicles

- Replace old, high-polluting passenger vehicles with battery electric or plug-in hybrid vehicles
- \$6,000,000 in AB 617 funding provided for the replacement of up to 300 vehicles (up to \$20,000 per vehicle)
- Measure to use existing Board-approved criteria, with an enhanced incentive amount for Shafter community residents for new vehicles
 - Would build on highly successful existing program for replacing vehicles throughout Valley communities
- Target reductions:
 - PM2.5: 0.08 tons
 - NOx: 2.88 tons

Proposed Vehicle Replacement Program

- Limit to one replacement allowed per household
- Old vehicle requirements:
 - Model year 1999 or older, with an emission failure within 6 months
- Participant requirements:
 - Resident of Shafter AB 617 community with current driver's license
 - Meet income criteria
 - Owned the old vehicle for at least 6 month
 - Provide most recent 2 years proof of vehicle usage
 - Be able to secure finances to pay for costs that exceed the incentive
 - Maintain ownership of the new replacement vehicle for a minimum of 30 months from date of purchase

Proposed Vehicle Replacement Program

- Qualifying income levels (consistent with current program):

	Percentage Above the Federal Poverty Level		
Household / Family Size	225%	300%	400%
1	\$28,980	\$38,640	\$51,520
2	\$39,195	\$52,260	\$69,680
3	\$49,410	\$65,880	\$87,840
4	\$59,625	\$79,500	\$106,000
5	\$69,840	\$93,120	\$124,160
6	\$80,055	\$106,740	\$142,320
7	\$90,270	\$120,360	\$160,480
8	\$100,485	\$133,980	\$178,640
9	\$110,700	\$147,600	\$196,800
10	\$120,915	\$161,220	\$214,960

*Based on 2021 Federal Poverty Level as established by USDHHS <https://aspe.hhs.gov/poverty-guidelines>

*For information regarding additional incentives that may be available, please visit:

<https://driveclean.ca.gov/search-incentives>

Proposed Vehicle Replacement Program – New Enhanced Vehicle Incentive for Shafter Community Residents

AB 617 Shafter Community Replacement Incentive			
Federal Poverty Level	225%	300%	400%
<i>*New for Shafter Residents*</i>			
New EV/PHEV Purchase	\$20,000	\$18,000	\$16,000
<i>*Current Program Funding*</i>			
Used EV/PHEV Purchase	\$9,500	\$7,500	\$5,500

Proposed Vehicle Replacement Program – New Enhanced Vehicle Incentive for Shafter Community Residents

- Qualifying new replacement vehicle must be:
 - A Plug-in Hybrid Electric Vehicle (PHEV) or Battery Electric Vehicle (BEV)
 - A new vehicle (not used)
 - Purchased by participant and must be registered under the participant's name
 - Co-signers permitted
 - Insured as required by state law

Proposed Vehicle Replacement Program Process

- How participant can apply:
 - Online application or paper application
 - Call District for assistance completing application
 - Program partner assistance
- Application approval:
 - Selection criteria: Request for Application process or first-come first-serve process
 - If approved, application approval letter will be generated with list of participating dealership(s) and mailed or emailed to participant

Proposed Vehicle Replacement Program Process (cont.)

- Replacement Vehicle Selection:
 - Participant works with a participating dealership to select an eligible new/used replacement vehicle
- District will provide incentive for the participant to put towards the purchase of the new replacement vehicle
- Complete final transaction with dealership
 - Surrender old vehicle to dealership for dismantling

Next Steps

- District developed initial concepts for the program plan for discussion with Steering Committee
- Additional discussion with Steering Committee on the concepts for program implementation
- Finalize program plan for submittal to CARB for their review and approval
- District to present recommended program to District Governing Board for the review and approval
- District to launch program in community, including working with Steering Committee, program administrator, and local auto dealerships for participation in the program