

Update on Implementation of CERP Incentive Strategies

Stockton Steering Committee
June 2, 2021

CERP Incentives Project Plan Requirements

General Chapter 6 of CAP Incentives Guidelines Guiding Principles

- Reduce Emissions in Community
- Focus funds on projects that reduce PM2.5 and community-specific toxic air contaminants, and other criteria air pollutants
- Community Support
- Consider special projects to protect sensitive receptors
- Cost-effectiveness and relative exposure reduction in decisions

Additional “Community Identified Project” Requirements

- Measures selected by CSC for inclusion in CERP eligible for a streamlined CARB project plan evaluation process
- Quantify emissions and exposure reduction benefit
 - If not quantifiable, CARB will evaluate qualitative benefits based on impacts to environment, local health concerns and impacts, and socioeconomic factors

CARB Approval Process for Incentive Measures

- Can fund CERP measures that are already approved programs in CARB's Community Air Protection (CAP) Incentives Guidelines
 - School Bus Replacement Program, Locomotive Switcher Replacement Program, and Public School Air Filtration Program already approved
- The other incentive measures in the CERP must go through an approval process with CARB
 - Each measure must have Project Plan developed and approved

**San Joaquin Valley Air Pollution Control District
AB 617 Community Emission Reduction Program**

Residential Lawn and Garden Emission Reduction Program Plan

*South Central Fresno Community
Shafter Community*

1. Project Identification

LG 1: INCENTIVE PROGRAM FOR THE REPLACEMENT OF RESIDENTIAL LAWN AND GARDEN EQUIPMENT

This is a Community Identified Project included and prioritized in the California Air Resources Board (CARB) and District adopted South Central Fresno and Shafter Community Emission Reduction Programs (CERP). The funding allocated for this program is above and beyond what the District has allocated for Valleywide participation.

This measure will reduce NOx and PM2.5 emissions from residential lawn and garden equipment by increasing outreach and access to incentive funding while providing rebates up to 100% of the equipment cost of a new electric mower when replacing an existing gas-powered model. Residents making a purchase of a new piece of eligible equipment without an existing equipment will be eligible for up to \$50.

2. Community Support

This measure received support from both the South Central Fresno and Shafter Community Steering Committees and was included in the adopted Community Emission Reduction Program. Information about the Steering Committees is included below:

- (1) **Name(s) of the community group(s):**
 - a. South Central Fresno Steering Committee [Map](#)
 - b. Shafter Steering Committee [Map](#)
- (2) **Purpose of community group(s)**
 - a. AB617 Community Engagement and Public Input
- (3) **Total number of members in the community group(s)**
 - a. South Central Fresno – 34 members
 - b. Shafter – 27 members
- (4) **Date(s) of formation/establishment**
 - a. South Central Fresno – December 2018
 - b. Shafter – December 2018
- (5) **A description of the decision-making process must be included.**
 - a. South Central Fresno Steering Committee [Charter](#)
 - b. Shafter Steering Committee [Charter](#)

CERP Incentives Project Plan Process

- District must submit a CERP incentive project plan to CARB for every incentive measure that is not currently in the CAP incentives guidelines
 - CARB works with District staff on the review of project plans
- CARB may provide comments to the District which require addressing
- CARB has 60 days upon determining plan complete to approve or disapprove

<u>Community-Identified Project Approval Notice</u>						
<u>Residential Lawn and Garden Replacement Program</u>						
Air District:	San Joaquin Valley APCD					
Community:	South Central Fresno Community					
Community Emissions	Gasoline-powered equipment used for lawn care and garden maintenance.					
LG.1: INCENTIVE PROGRAM FOR GARDEN EQUIPMENT REPLACEMENT	The program provides financial incentives for residents to replace old gasoline-powered equipment with newer electric mowers or other low-emission alternatives.					
Project Plan Identifier:	CARB Form 400-APCD-001					
Project Type:	Equipment Replacement					
Project Plan Completion Date:	N/A					
CARB Action (Date):	Approved August 12, 2020					
Project Description:	This project involves the replacement of existing residential lawn and garden equipment with new electric mower which will reduce greenhouse gas emissions. The incentive funding while making a purchase of a new electric mower where the cost of the equipment will be eligible for reimbursement.					
Project Benefits:	The goal of this program is to reduce the Shafter Community's contribution to global climate change by encouraging the use of low-emission equipment. Error methodology used for this analysis was based on recent release of the updated factors, CARB staff will continue to monitor progress.					
Other Comments:	None					

Primary Air District	Community (if applicable)	Type	Project Title and Description	Funding Amounts	Project Benefits	Approval Date
San Joaquin Valley APCD	South Central Fresno	Community-Identified	Heavy-Duty Truck Rerouting Study (English / Español) Measure will study whether heavy-duty truck travel in community can be rerouted to reduce emissions exposure in community. Cost of study is \$267,500, plus \$66,300 from City of Fresno.	N/A	Informational benefits leading to potential exposure reductions.	August 12, 2020
San Joaquin Valley APCD	Shafter and South Central Fresno	Community-Identified	Commercial Lawn and Garden Program (English / Español) Measure will reduce emissions through incentives to replace gas- or diesel-powered equipment with electric alternatives.	Up to 70% of purchase price, or up to \$15,000 depending on type of equipment. Up to 100% of purchase price for up to 100 sq ft of area.	Reduction in oxides of nitrogen and fine particulate matter emissions.	November 30, 2020

Stockton Incentive Measures

- Several of the incentive measures in the approved Stockton CERP have similar types of measures in other Valley AB 617 CERPs
 - CERP incentives project plans for these measures in various stages of development, submission, and approval
 - Should streamline project plan review by CARB
- Incentive measures with no existing project plan and that are not being developed, may require additional time for review

Stockton Incentive Measures

Measures that can be funded now (approved in existing CAP guidelines)

- HD.6 School Bus Replacement
- HD.7 Railcar Mover/Switcher/Short Line Locomotive Replacement
- SC.1 Air Filtration for public schools

Measures that need project plans and CARB approval

- HD.1 Truck Rerouting Study
- HD.2 Heavy-Duty Truck Replacement w/Zero & Near Zero Emission
- HD.3 Heavy-Duty Truck Charging Infrastructure
- HD.4 Truck Idling Plug-ins
- TP.1 Tune In Tune Up Event in the Community
- TP.2 Passenger Vehicle Replacement
- TP.3 Electric Vehicle Charging Infrastructure
- TP.4 Training for EV Mechanics

Stockton Incentive Measures (cont'd)

Measures that need project plans and CARB approval (cont'd)

- TP.5 Car Share Program
- RB.1 Wood Burning Device Replacement
- LG.1 Residential Lawn & Garden Replacement w/Electric
- LG.2 Commercial Lawn & Garden Replacement w/Electric
- UG.1 Urban Greening
- VB.1 Vegetative Barriers
- LU.2 Bike Path Infrastructure
- IAQ.1 Residential Air Filtration