

Update on Implementation of CERP Incentive Strategies

Stockton Steering Committee
September 1, 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

Community-Identified Project Approval Notice						
Residential Lawn and Garden Replacement Program						
<p>Air District: San Joaquin Valley APCD</p> <p>Community: South Central Fresno</p> <p>Community Emissions: Gasoline-powered equipment</p> <p>LG.1: INCENTIVE PROGRAM FOR PURCHASE OF GARDEN EQUIPMENT</p> <p>Project Plan Identifier: 2019-001</p> <p>Project Type: Equipment Replacement</p> <p>Project Plan Completion Date: 12/30/2020</p> <p>CARB Action (Date): Approved 12/30/2020</p> <p>Project Description: The project is a replacement of the Shafter Community Garden in the South Central Fresno Community. The project methodology used for the project was the methodology used for the recent release of the updated project plan. The project factors, CARB staff will review the project plan and determine if the project is eligible for funding.</p> <p>Project Benefits: The project will reduce the emissions of the Shafter Community Garden in the South Central Fresno Community. The project will also reduce the emissions of the Shafter Community Garden in the South Central Fresno Community. The project will also reduce the emissions of the Shafter Community Garden in the South Central Fresno Community.</p>						
Approved Project Plans						
The following Project Plans have been approved by CARB. The table below contains the primary air district that created the Project Plan (note that other air districts and communities may be involved in each particular Project Plan as well), the date of CARB's approval, the project title and description (with a link to air district webpages), whether the project is a stationary source or community-identified project, which selected community or communities the project applies to if it is a community-identified project, expected or estimated funding amounts, project benefits.						
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	Up to 70% of purchase price, or up to \$15,000 depending on type of equipment. Up to 100% of purchase price for up	Reduction in oxides of nitrogen and fine particulate matter emissions.	November 30, 2020

Stockton Incentive Measures

Three categories of CERP Incentive Measures

1. No Program Plan Required

- Measures can be Funded Now

2. Program Plan Required

- Develop and Submit Program Plan to CARB for Approval
- May need District Board Approval if not already a program

3. Program Plan Required AND Plan Approved for Other CERP

- CERP incentives project plans for these measures already approved by CARB in Fresno or Shafter
- Should streamline project plan review by CARB

Stockton Incentive Measures

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

– School Subcommittee

- **HD.6** School Bus Replacement
- **SC.1** Air Filtration for public schools

– District-led

- **HD.7** Railcar Mover/Switcher/Short Line Locomotive Replacement

Stockton Incentive Measures (cont'd)

Measures that need project plans and CARB approval

– Heavy-Duty Trucks Subcommittee

- HD.1 Truck Rerouting Study
- HD.3 Heavy-Duty Truck Charging Infrastructure
- HD.4 Truck Idling Plug-ins

– Infrastructure Subcommittee

- LU.2 Bike Path Infrastructure

– Residential Strategies Subcommittee

- IAQ.1 Residential Air Filtration

– District-led

- HD.2 Heavy-Duty Truck Replacement w/Zero & Near Zero Emission
- TP.1 Tune In Tune Up Event in the Community
- TP.2 Passenger Vehicle Replacement
- TP.5 Car Share Program

Stockton Incentive Measures (cont'd)

Measures that need project plans and CARB approval AND already have approved plan in other CERPs

- Urban Greening Subcommittee

- **UG.1** Urban Greening
- **VB.1** Vegetative Barriers

- Workforce Development Subcommittee

- **TP.4** Training for EV Mechanics

- District-led

- **TP.3** Electric Vehicle Charging Infrastructure
- **RB.1** Wood Burning Device Replacement
- **LG.1** Residential Lawn & Garden Replacement w/Electric
- **LG.2** Commercial Lawn & Garden Replacement w/Electric