

REQUEST TO USE OR MODIFY APPROVED COMMUNITY-IDENTIFIED STATIONARY SOURCE PROJECT PLANS

SECTION A: AIR DISTRICT INFORMATION

Air District: San Joaquin Valley Air Pollution Control District
AB 617 Community (*if applicable): Stockton
For Community-Identified Projects, include the CERP strategy title: LG.1: Incentive Program for the Replacement of Residential Lawn and Garden Equipment

*Required for Community-Identified Projects and optional for Stationary Source Projects

SECTION B: EXISTING PLAN TO BE USED OR MODIFIED

Air District/CAPCOA: San Joaquin Valley Air Pollution Control District	Project Plan Title: Clean Green Yard Machine Residential Lawn and Garden Emission Reduction Program
AB 617 Community (*if applicable): South Central Fresno and Shafter	CARB Action Date: 11/30/2020

*Required for Community-Identified Projects and optional for Stationary Source Projects

SECTION C: COMMUNITY SUPPORT

Community support must be documented to use or modify the approved Community-Identified or Stationary Source Project Plan. See the Community Air Protection Incentives 2019 Guidelines, Chapter 6, Section C.2.A for a more detailed explanation of what community support documentation may look like. Attach documentation with this form.

Name of attached file(s) documenting community support: Stockton CERP: https://community.valleyair.org/media/2487/final-stockton-cerp-no-appendix-with-cover.pdf Stockton CERP Prioritization Exercise: https://freeonlinesurveys.com/r/tVXVn2xi

SECTION D: CHANGES TO THE APPROVED PROJECT PLAN

In addition to the changes outlined in sections A-C, note if any remaining project plan items require changes:

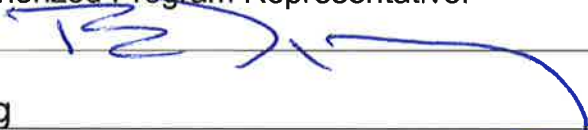
Participant Requirements <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Funding Amounts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Project Selection <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Quantitative Methodology <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, list items:	

If yes for any of the above, provide a strikeout/underline version of the modified section of the approved plan. For example, if changes are made to the Funding Amounts section, attach that section of the plan with the modifications. New deletions and additions to the originally proposed language should be shown in strikeout to indicate deletions and underline to indicate additions.

**REQUEST TO USE OR MODIFY APPROVED COMMUNITY-IDENTIFIED STATIONARY SOURCE
PROJECT PLANS**

SECTION E: CERTIFICATION

I have provided documentation of community support to modify or use the approved Community-Identified or Stationary Source Project Plan. All necessary changes to the approved plan are outlined per Section D.

Signature of Authorized Program Representative: 	Title: Director of Grants and Incentives
Printed Name: Todd DeYoung	Date: 6/1/2022

Email this completed form, along with additional attachments, to AB617incentives@arb.ca.gov. Once received, CARB staff will log the request and respond to the district within 2 business days to acknowledge receipt. CARB staff will contact the district within one week of submittal to request additional documentation if needed. Changes are subject to a full plan review if deemed necessary by CARB staff. CARB staff will communicate final approval or notification of need for a full plan review within two weeks of submittal of the additional documentation.

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

**Clean Green Yard Machine
Residential Lawn and Garden Emission Reduction Program Plan
(Residential CGYM)**

Stockton Community

1. Project Identification

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 Stockton Community Emission Reduction Programs (CERP). The Residential CGYM Program is part of [California Climate Investments](#), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities.

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- or diesel-powered model. Residents making a purchase of a new piece of eligible equipment without an existing equipment will be eligible for up to \$50.

Community Support

This measure received support from Stockton Community Steering Committee 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. Stockton 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. Stockton Steering Committee – 35 members
- (4) Date(s) of formation/establishment**
 - a. Stockton Steering Committee – 3/4/2020
- (5) A description of the decision-making process must be included.**
 - a. Stockton Steering Committee [Charter](#) and [Voting Process](#)
- (6) Community Support Demonstration**
 - a. Stockton [CERP](#)

b. CERP Prioritization Exercise - [Results](#)

Mechanism for Informing Community

This measure has been discussed at multiple steering committee meetings and is a priority for implementation for the Stockton Steering Committee. Once this measure is approved by CARB for implementation the program will be discussed at Community Steering Committee meetings to inform the community and provide instructions for participation. In addition multiple outreach activities including paid advertising, social media, and outreach to environmental justice organizations to inform residents of the program and requirements for participation.

Participant Requirements

(A) Residential CGYM Program Eligibility

The Residential CGYM Program guidelines are attached to this program plan as Exhibit A. In implementing this CERP measure, the District will follow existing program guidelines and eligibility criteria, with the exception of allowing a rebate amount of up to 100%, not to exceed \$600, of the equipment cost for the replacement of gas- or diesel-powered lawn mowers. The Residential CGYM Program provides two options for rebates to residents within the Stockton Community:

- (1) Option 1 is for the replacement of old gas- or diesel-powered lawn mowers with eligible new electric lawn mowers. The old lawn mower must be submitted to a participating dismantling facility where it will be permanently removed from operation.
- (2) Option 2 is for the purchase new electric-powered lawn care equipment with no requirement to turn in an old piece of equipment to a dismantling facility.

For Option 1, the participant is limited to one rebate per address for every two consecutive years. For Option 2, the participant is limited to one rebate per equipment type, per address for every one year.

Participants must reside within the Stockton community boundaries, be a resident at the address identified on the application, and submit a complete rebate application along with necessary supporting documentation to be eligible for a rebate.

(B) Participant Requirements

The Residential CGYM Program application is attached to this program plan as Exhibit B. A certification section is included in the application and details participant requirements.

Participation in the Program occurs in three simple phases: Purchase Equipment, Rebate Application, and Rebate Approval.

- (1) **Purchase Equipment:** Participant purchases an eligible new electric lawn mower, or lawncare equipment from a manufacturer-authorized retailer or dealer. The new electric equipment must be purchased with a power unit. For participants selecting Option 1, the old mower must be delivered to a participating dismantler within 30 calendar days from the date of purchase of the new lawn mower. Participant must contact the participating dismantling facility prior to delivery to verify the facility's requirements (i.e. fluids drained, etc.) for receiving the old mower. The dismantler will inspect the old gas- or diesel-powered lawnmower and provide the participant with a Destruction Verification Form (DVF). The complete and signed DVF certifies the receipt of the old lawn mower by the dismantling facility for permanent destruction.

- (2) **Rebate Application:** The participant completes the rebate application and submits it to the District along with the following support documents:
 - a. For Option 1, a completed and signed copy of the Destruction Verification Form (DVF).
 - b. Copy of receipt or invoice for the new electric lawn mower or lawncare equipment showing it has been paid in full.

For both Options 1 and 2, the participant must submit the rebate application within 6 months of purchasing the new equipment.

- (3) **Rebate Approval:** Once the participant has submitted the rebate application and supporting documents, the packet is reviewed for eligibility by District staff and reimbursed for eligible costs, up to the approved rebate amounts.

Funding Amounts

The approved CERP includes \$20,000 for the Stockton community for the implementation of this measure. This funding will provide for the replacement of up to 50 gas- or diesel-powered units in Stockton.

Table 1 summarizes the eligible new electric lawn mowers and incentive amounts available to Stockton Community residents through the CGYM Residential Rebate Program. These funding levels represent the maximum incentive amounts based on the option chosen by the participant. For Option 1, the District will reimburse the participant for up to 100%, not to exceed \$600, of the cost of the new electric lawn mower (battery and charger included, if not corded) when replacing an existing gas- or diesel-powered model. The final amount reimbursed to the participant in Option 2 is based on the purchase price of the lawn equipment using the District's existing program guidelines. There are no minimum match requirements for participating in the program; however, participants must pay for any additional costs that exceed the eligible incentive amount.

Table 1. Eligible Incentive Amounts by Option Type

Option	Eligible New Device Type	Valley Wide Program Incentive Level	Selected Community Program Incentive Level
Option 1: Lawn mower replacement	Electric lawn mower (corded or battery-powered)	Up to \$250 based on the purchase price	Up to 100% of equipment cost, not to exceed \$600*
Option 2: New purchase with no replacement	Electric lawn equipment (corded or battery-powered)	Up to \$50*	Up to \$50*

*For bundle purchases, incentive level will be based on the price of the individual piece of lawncare equipment.

Project Selection and Reporting Requirements

Projects will be approved on a first come, first served basis determined by the submittal of a complete program application.

The District will report program information in accordance with Community Air Protection program guidelines found at:

https://ww3.arb.ca.gov/msprog/cap/docs/cap_incentives_2019_guidelines.pdf.

Emission Reduction Targets

The goal of this measure is to replace up to 50 gas- or diesel-powered units in the Stockton Community. The measure would provide an estimated emissions reduction of 0.012 tons of PM2.5 and 0.018 tons of NOx in Stockton. Residential lawn and garden equipment contributes 0.8 tons per year of PM2.5 and 6.4 tons per year of NOx toward area sources of emissions in the community of Stockton, representing 0.1% of the total PM2.5 inventory and 0.6% of the total NOx inventory. The emission reductions from the replacement of old gas- and diesel-powered lawncare equipment are surplus, as there are currently no regulations requiring zero-emission lawncare equipment.

For Option 1, the District will use established emission reduction calculation methodology for lawn mowers from CARL Moyer Program Guidelines: Chapter 9¹ to calculate the emission reductions achieved from the replacement of old gas-powered lawn mowers with electric models. For Option 2 and the replacement of diesel-powered lawn mowers there is currently no established calculation methodology for new purchases.

¹ CARB The Carl Moyer Program Guidelines. Chapter 9: Lawn and Garden equipment replacement. Retrieved on September 2, 2020 from https://ww3.arb.ca.gov/msprog/moyer/guidelines/2017gl/2017_gl_chapter_9.pdf.

The following tables summarize the data needed to calculate PM2.5 and NOx emission reductions for Residential Lawn and Garden Program projects.

Table 2. Project Life of Zero-Emission Lawn Mower

Project Life (yr)	10
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*Based on the projected life expectancy for a properly maintained electric lawn mower.

Table 3. Gasoline Lawn Mower Emission Reductions (lbs/yr)

Model Year	Exhaust NOx	Exhaust PM10
2010	0.071	0.048

*For the purpose of this calculation methodology, PM2.5 is equivalent to PM10.

The formulas that are required to calculate the PM2.5 and NOx emission reductions, along with the cost-effectiveness, for each project are provided below.

Formula A-1: Estimated Lifetime PM2.5 Emission Reductions from a Gas-powered Lawn Mower

$$\text{Lifetime PM2.5 Emission Reductions (ton/yr)} = (\text{Gasoline Lawn Mower Emission Reductions for PM (lbs/yr)} * 10 \text{ years} / 2,000 \text{ (lb/ton)})$$

Formula A-2: Estimated Lifetime NOx Emission Reductions from a Gas-Powered Lawn Mower

$$\text{Lifetime NOx Emission Reductions (ton/yr)} = (\text{Gasoline Lawn Mower Emission Reductions for NOx (lbs/yr)} * 10 \text{ years} / 2,000 \text{ (lb/ton)})$$

Formula A-3: Cost-Effectiveness of the PM2.5 and NOx Emission Reductions (\$/ton)

$$\text{Cost-Effectiveness (\$/ton)} = \text{Grant Amount (\$)} / (\text{Lifetime PM2.5 Emission Reductions (tons)} + \text{Lifetime NOx Emission Reductions (tons)})$$

Exhibit A

Residential CGYM Guidelines

RESIDENTIAL REBATE PROGRAM GUIDELINES

The Clean Green Yard Machines Residential Rebate Program provides two options for rebates to Valley residents. Option 1 is for the replacement of old gas- or diesel-powered lawn mowers with eligible new electric lawn mowers, and Option 2 is for the purchase of new electric lawn care equipment without having to turn in and replace old equipment. Applications are processed on a first-come, first-serve basis while funds are available.

ELIGIBLE REBATE AMOUNT

The rebate is based on the purchase price of the electric equipment and does not include additional costs such as taxes, fees, accessories, and delivery charges. For bundle purchases of multiple pieces of equipment, the rebate will be based on the individual cost of the eligible piece of equipment. For Option 1, enhanced incentives are available to residents of the Shafter, Fresno, and Stockton AB 617 Communities. Please visit valleyair.org/cgym to see if you qualify.

Option 1 Purchase of new electric lawn mower (*destroying old mower*):

PURCHASE PRICE	REBATE AMOUNT (VALLEY WIDE)	AB 617 COMMUNITIES: FRESNO, SHAFTER, AND STOCKTON
*\$200 or less	Up to \$100	100% of the Cost
\$201 to \$350	\$150	100% of the Cost
\$351 or more	\$250	100% of the Cost (up to \$500)

*Applicants are responsible for a minimum of 50% of the purchase price for mowers in this range.

Option 2 Purchase of new lawn care equipment (*no old equipment being destroyed*):

EQUIPMENT TYPE	PURCHASE PRICE	REBATE AMOUNT
*Lawn Mower, Edger, String and Hedge Trimmers, Chainsaw and Pole Saw	Less than \$100	\$25
	More than \$100	\$50

*Leaf blowers are not eligible. Applicants are responsible for a minimum of 50% of the purchase price. Rebates are based on the purchase price of one electric equipment with 1 power unit, 1 battery, and 1 charger but does not include additional costs such as taxes, fees, accessories, attachments and delivery charges.

REBATE PROCESS

- Option 1:**
- 1 Purchase an eligible new lawnmower.
 - 2 Within 30 calendar days from the date of purchase, take your old lawnmower to a participating dismantling facility. Please contact the dismantling facility to verify its requirements for submitting the old lawn mower (i.e., fluids drained, etc.) prior to taking it to the facility. Personnel at the facility will inspect the old mower and provide you with a Destruction Verification Form. You must obtain a Destruction Verification Form dated within 30 days of new equipment purchase. For participating facilities, visit valleyair.org/cgym.
 - 3 Complete the rebate application and submit it to the District along with a copy of the Destruction Verification Form and receipt or invoice for the new lawn mower.
- Option 2:**
- 1 Purchase an eligible new lawn mower, edger, trimmer, chainsaw, or pole saw.
 - 2 Complete the rebate application and submit it to the District along with a copy of the receipt or invoice for the new electric equipment.

Please allow approximately 4 weeks from the time the District receives your completed rebate application to issue you a rebate.

RESIDENTIAL REBATE PROGRAM GUIDELINES

PROGRAM REQUIREMENTS AND ELIGIBILITY

- Submittal of an application does not guarantee a rebate. Program eligibility is determined at the sole discretion of the District. Participant will be notified if their application is deemed ineligible.
- Applicant must be a resident at the address identified on the application.
- Applicant must reside within the Air District boundaries.
 - › Option 1 - Limit one (1) rebate per address for every two (2) consecutive years.
 - › Option 2 - Limit one (1) rebate per equipment type, per address for every one (1) year.
- Combo Kit with one power unit and multiple attachments is considered one equipment type.
- For bundle purchases of two or more pieces of eligible equipment, separate applications must be submitted for each piece of equipment. Equipment purchased as part of a bundle are eligible for separate rebates only if each piece of equipment has a separate power unit. For the first piece of eligible equipment, the rebate amount is based on the current individual retail price of that specific equipment. The rebates for subsequent eligible pieces of equipment in the bundle with a separate power unit are based on the remaining balance of the purchase price of the bundle, less the current individual retail price of the first piece of equipment for which a rebate was applied. .
- Applicant must submit a rebate application within six (6) months of the purchase date of the new equipment.
- The new electric equipment must be purchased with a power unit and from a manufacturer-authorized retailer or dealer. You can find a list of manufacturers here: valleyair.org/cgym.
- For Option 1, Applicant must turn in a fully functional old gas- or diesel-powered lawn mower to an approved dismantler for permanent destruction. Find an authorized dismantler here: valleyair.org/cgym.
- Applicant must maintain ownership of the new lawn care equipment for a minimum of two (2) consecutive years following the purchase date.

New Equipment must:

- Be new, not used or previously owned
- Be electric (corded or battery-powered)
- For mowers, be a push or self-propelled specified for residential use
- Have a minimum one-(1) year manufacturer warranty

Lawnmowers that are not eligible:

- Reel mowers
- Riding lawn mowers
- Tractors used to pull mowing equipment
- Tow-behind mowers

Clean Green Yard Machines Residential Rebate Program is part of [California Climate Investments](#), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment, particularly in disadvantaged communities.

Exhibit B

Residential CGYM Application

RESIDENTIAL REBATE PROGRAM APPLICATION

Please fill out this form completely and as accurately as possible. All fields are required unless otherwise indicated. You must submit one (1) form for each piece of equipment you purchased.

Project #

APPLICANT INFORMATION

First and Last Name

County of Residence: San Joaquin Stanislaus Merced Madera Fresno Kings Tulare Kern (*Valley portion*)

AB617 Community (*if applicable*): South Central Fresno Shafter Stockton

Home Address City State Zip Code

Mailing Address City State Zip Code

Primary Phone Alternate Phone E-mail

EQUIPMENT INFORMATION

Please select which option you are applying for:

OPTION 1 - Purchase of new electric lawn mower (*destroying old mower*)

Purchase Date	New Electric Lawn Mower Make & Model	Base Price
<input type="text"/>	<input type="text"/>	<input type="text"/>

ATTENTION: Please contact a participating dismantling facility to verify any requirements for submitting the old lawn mower. Personnel at the facility will inspect the old mower and provide you with a **Destruction Verification Form**. **This form must be dated within 30 days of new equipment purchase and be submitted along with your application.** For participating facilities, visit valleyair.org/cgym.

Participating Dismantler Name Date Delivered to Dismantler

OPTION 2 - Purchase of new lawn care equipment (*no old equipment being destroyed*)

Type of Electric Equipment (<i>leaf blowers are not eligible</i>)	Base Price
<input type="checkbox"/> Mower <input type="checkbox"/> Edger <input type="checkbox"/> String Trimmer <input type="checkbox"/> Hedge Trimmer <input type="checkbox"/> Chainsaw <input type="checkbox"/> Pole Saw	<input type="text"/>

CERTIFICATION

I hereby certify that all information provided in the Rebate Application, including any attachments, are true and correct. By signing this application, I have read, understand, and will comply with all requirements of the CGYM Residential Rebate Program Guidelines.

Printed Name of Applicant Applicant Signature Date

CHECKLIST & SUBMIT

You are almost done!

Please submit the following:

- Signed and completed Rebate Application
- Copy of invoice or receipt of purchase
- Destruction Verification Form if Option 1

For assistance with your application, please call program staff at (559) 230-6000.

When complete, please submit via:

MAIL: San Joaquin Valley Air Pollution Control District
Attention: CGYM Rebate Program Staff
1990 East Gettysburg Ave., Fresno, CA 93726-0244

E-MAIL: grants@valleyair.org | **FAX:** (559) 230-6112

OR APPLY ONLINE: valleyair.org/cgymresidential