

**IMPLEMENTATION MANUAL
FOR THE FY 2012-13
CLEAN VEHICLE REBATE PROJECT (CVRP)**

July 15, 2013

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California Environmental Protection Agency

 **Air Resources Board**

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EXECUTIVE SUMMARY

The Clean Vehicle Rebate Project (CVRP) is intended to encourage and accelerate zero- and near-zero emission, on-road light-duty vehicle deployment and technology innovation. This project benefits the citizens of California by providing immediate air pollution emission reductions while stimulating development and deployment of the next generation of zero-emission and plug-in hybrid electric vehicles (PHEVs). The project provides rebates of up to \$2,500 for California purchasers or lessees of light-duty zero-emission vehicles and PHEVs. CVRP is administered and implemented through a partnership between the Air Resources Board (ARB) and a Grantee, selected via a competitive ARB grant solicitation. A minimum of ninety-three percent of the CVRP funds are for rebates for purchasers of new eligible on-road vehicles.

The CVRP Implementation Manual, in conjunction with the Air Quality Improvement Program (AQIP) Guidelines and the AQIP Funding Plan for Fiscal Year (FY) 2012-13, identifies the minimum requirements for administration, implementation, and oversight of CVRP. The Implementation Manual may be periodically updated as needed to clarify project requirements and improve project effectiveness. The Implementation Manual, including any updates, will be posted on ARB's website at <http://www.arb.ca.gov/msprog/aqip/cvrp.htm> and on the CVRP webpage at www.energycenter.org/CVRP .

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1 INTRODUCTION

In 2007, Governor Schwarzenegger signed into law the *California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007* (AB 118, Statutes of 2007, Chapter 750). AB 118 created AQIP, a voluntary incentive program administered by ARB, to fund clean vehicle and equipment projects, air quality research, and workforce training. In June 2012, ARB approved the AQIP Funding Plan for FY 2012-13 (Funding Plan), allocating an additional \$18 million in funding for CVRP, supplementing the \$24 million allocated in previous Funding Plans and the \$2 million provided by the Alternative and Renewable Fuel and Vehicle Technology Program through an Interagency Agreement with the California Energy Commission (Energy Commission). The Funding Plan focuses AQIP on supporting development and deployment of the advanced technologies needed to meet California's longer-term, post 2020 air quality goals. In addition, the 2012-2013 Investment Plan Update for the Alternative and Renewable Fuel and Vehicle Technology Program¹ approved by the Energy Commission in May 2012 stipulated that \$5 million will be reserved for possible use by ARB to sustain CVRP in FY 2012-2013 in anticipation of a possible temporary funding shortfall.

This document constitutes the Implementation Manual for CVRP for FY 2012-13. The purpose of this incentive project is to encourage and accelerate PHEV and zero-emission vehicle deployment while spurring technology innovation. The project provides rebates of up to \$2,500 to qualified individuals, businesses, public agencies and entities, and nonprofit organizations for the purchase or lease of eligible vehicles. The Implementation Manual, in conjunction with the AQIP Guidelines and the AQIP Funding Plan, identifies the minimum requirements for administration, implementation, and oversight of CVRP. Definitions of key program parameters are located in Section 5 of this manual.

2 PROJECT IMPLEMENTATION

2.1 Project Framework

CVRP enables the purchaser or lessee of an eligible vehicle to receive a rebate of up to \$2,500. After the purchaser takes possession of and registers the eligible vehicle or, if leased, the lessee has obtained registration on the eligible vehicle, they are eligible to apply for the rebate. Applications will be submitted online or available through contacting the Grantee directly.

Information on CVRP will be centrally available to the public and other interested parties. In order to achieve this, the CVRP website, operated and maintained by the Grantee, will include an up-to-date list of eligible vehicles as well as the rebate amount for each vehicle, an online rebate application, all supporting documentation and forms, a

¹ California Energy Commission, 2012-2013 Investment Plan Update for the Alternative and Renewable Fuel and Vehicle Technology Program, May 2012. Available at: <http://www.energy.ca.gov/2012publications/CEC-600-2012-001/CEC-600-2012-001-CMF.pdf>

real-time running total of available funds remaining in the program, as well as amount of rebates by vehicle type. The website will be able to enable the program to be “user-friendly” and provide project transparency.

For the purposes of CVRP, the date of purchase is the day of sale. A sale is deemed completed when the purchaser of the vehicle has executed and signed a purchase contract or security agreement, and taken physical possession or delivery of the vehicle. For the purposes of CVRP, a vehicle is deemed to be leased on the date upon which the lease of the vehicle commences, as specified in a signed lease agreement. Ownership of the vehicle will be demonstrated by providing documentation as approved by the Grantee. With the exception of vehicles purchased under the special provisions of section 2.6, owned and leased vehicles must be operated and registered in California for a minimum of 36 consecutive months. Vehicle purchaser and lessee requirements regarding operating and ownership are found in detail in section 3.3 of this Implementation Manual. ARB reserves the right to allow for a prorated rebate for Type IV or V ZEVs with leases of 24 months or greater.

Key milestones for CVRP development and implementation are identified in Table 1.

Table 1: CVRP Development and Implementation Timeline

Action Item	Date or Time Period
Selection of Grantee	August-September 2012
Grantee develops project webpage, conducts outreach. Implementation Manual and online application finalized.	September and ongoing
Launch of the CVRP webpage	October
FY 2012-13 vehicle funding becomes available Online applications available at the CVRP webpage	September
Status Reports to the ARB Project Liaison	Quarterly from grant execution date or when requesting disbursements of funds, whichever is sooner

This timeline may be changed at ARB’s sole discretion.

2.2 Eligible Vehicles

This section discusses the categories of vehicles eligible for grant funding under CVRP and the specific criteria that a vehicle model must meet to be considered eligible. Aftermarket plug-in hybrid electric and battery electric vehicle conversions are not eligible for CVRP funding. Vehicle models will be approved by ARB on a model year basis and placed on a List of Eligible Vehicle Models for rebates. A continuously updated list of eligible vehicles and rebate amounts will be maintained on the

designated CVRP website. Vehicle manufacturers must submit a Vehicle Eligibility Application (Attachment A) to ARB to have their vehicles considered for rebate eligibility. The vehicle manufacturer is responsible for providing all the required documentation described on the application. ARB will coordinate with the vehicle manufacturers to request any additional documentation needed for eligibility determinations. ARB is responsible for providing the Grantee the current list of eligible vehicles and the corresponding rebate amounts.

There are four categories of vehicles eligible for grant funding under CVRP: (1) light-duty zero-emission vehicles, (2) light-duty plug-in hybrid electric vehicles, (3) neighborhood electric vehicles, and (4) zero-emission motorcycles.

2.2.1 Light-Duty Zero-Emission Vehicles (ZEVs)

Vehicles in the ZEV category include electric-drive, battery electric vehicles (BEVs) and hydrogen fuel cell vehicles up to 8,500 pounds gross vehicle weight rating (GVWR). For the purposes of CVRP, ZEVs are categorized into six Types (see Table 2) based on vehicle range and refueling capability as defined in the California Zero-Emission Vehicle Regulation sections 1962 and 1962.1, Title 13, California Code of Regulations (CCR). The range extended battery electric vehicle (BEVx) is a new regulatory vehicle category approved by the Board in January 2012, and approved by the Board for inclusion as a zero-emission vehicle type in the CVRP in June 2012 as part of the FY 2012-13 AQIP Funding Plan approval. The funding provided by the Energy Commission will be used for Light-Duty Zero-Emission Vehicles capable of freeway operation and certified for four passengers or more.

2.2.2 Light-Duty Plug-in Hybrid Electric Vehicles (PHEVs)

PHEVs are hybrid electric vehicles that have zero emission vehicle range capability, an on-board electrical energy storage device, an on-board charger, and are rechargeable from an external connection to an off-board electrical source. Rebate-eligible PHEVs include only those meeting Super Ultra Low Emission Vehicle (SULEV) tailpipe-emission standards, have a 15-year 150,000 mile warranty on emission-control components, and have zero evaporative emissions from its fuel system. The funding provided by the Energy Commission will be used for Light-Duty Plug-In Hybrid Electric Vehicles capable of freeway operation and certified for four passengers or more.

2.2.3 Neighborhood Electric Vehicles (NEVs)

Vehicles in the NEV category are low speed zero-emission vehicles. California Vehicle Code (CVC) section 385 defines a low speed vehicle as a motor vehicle with four wheels on the ground, having an unladen weight of 3,000 pounds or less, and is capable of propelling itself at a minimum speed of 20 miles per hour with a maximum speed of 25 miles per hour on a paved level surface. NEVs may be legally operated on public streets with posted maximum speed limits of 35 mile per hour or lower. Low speed vehicles are subject to the Department of

Transportation (DOT) safety standard (49 CFR 571.500) that requires ten specific items of safety equipment.

2.2.4 Zero-Emission Motorcycles (ZEMs)

Vehicles in the ZEM category include fully-enclosed zero emission vehicles designed to travel on three wheels and two-wheel electric motorcycles meeting the provisions of CVC section 400 and the ZEM evaluation procedures in Attachment C.

2.3 Vehicle Eligibility Criteria

Vehicles must meet the following criteria to be eligible for a rebate:

2.3.1 Be new-

With the exception of vehicles described in section 2.3.1.1, the vehicle must be a new vehicle as defined in CVC section 430.² The Original Equipment Manufacturer (OEM) or its authorized licensee must manufacture the vehicle. Vehicles considered new vehicles solely for determination of compliance with state emissions standards pursuant to Health and Safety Code, Article 1.5, Prohibited Transactions, (sections 43150-43156) and CVC section 4000.2, Registration of Out-of-State Vehicles, are not eligible vehicles. If the vehicle is not new, is pre-owned, has been re-leased, is the subject of a lease assumption or has been transferred into California after previously having been registered out-of-state, the vehicle is not eligible for a rebate through CVRP. If the required supporting documentation does not satisfactorily prove that the vehicle is new, other documentation may be requested at the Grantee's discretion.

Vehicles previously used as dealership floor models and test drive vehicles are eligible for the rebate if the vehicles have not been previously registered with the California Department of Motor Vehicles (DMV). The Grantee will use the procedures outlined in Attachment D when processing rebate applications for floor model, test drive, unwind and rollback vehicles.

2.3.1.1 Rollback and Unwind Vehicle Provision

A "rollback" occurs when a buyer purchases or leases a vehicle then returns it shortly after purchase, or when a buyer's financing is disapproved. An "unwind" occurs when an Application for Registration of New Vehicle is completed, but the sale was not consummated and the buyer never took delivery. Vehicles determined by the Grantee to be unrebated rollback or unwind vehicles will be eligible to receive a rebate. Additional documentation from the dealership may be required. Please

² Per Section 430 of the California Vehicle Code, a "new vehicle" is a vehicle constructed entirely from new parts that have never been the subject of a retail sale, or registered with the California Department of Motor Vehicles, or registered with the appropriate agency or authority of any other state, District of Columbia, territory or possession of the United States, or foreign State, province, or country.

see Attachment D for more details.

2.3.2 Be ARB approved/certified-

With the exception of ZEMs, the vehicle model must be certified by ARB as a new, zero-emission or plug-in hybrid electric vehicle as defined in the California ZEV Regulation, section 1962.1(d)(5)(A), Title 13, CCR for 2009 and subsequent model years. The manufacturer must also certify that the vehicle model complies with all applicable federal safety standards for new motor vehicles and new motor vehicle equipment issued by the National Highway Traffic Safety Administration (NHTSA). A table summarizing the Federal Motor Vehicle Safety Standards (FMVSS) for a number of vehicle categories is provided in Attachment B. FMVSS are found in Title 49 of the Code of Federal Regulations (CFR) Part 571. If a written statement and documentation have been previously provided to ARB in the course of applying for the ARB certification of the vehicle model, no additional written statement is required.

2.3.3 Meet prescribed performance, emissions, and service thresholds:

- **ZEVs** must be certified as Type I, I.5, II, III, IV, or V ZEVs as defined in the in the California Zero-Emission Vehicle Regulation sections 1962 and 1962.1, Title 13, CCR.
- **PHEVs** must meet the Transitional Zero Emission Vehicle definition in the California ZEV Regulation section 1962.2(c) Title 13, CCR, including SULEV, evaporative emissions, onboard diagnostics, extended warranty, zero-emission Vehicle Miles Traveled (VMT), and advanced componentry PZEV allowance standards as defined in section 1962.1(c).
- **NEVs** must meet the “Neighborhood Electric Vehicle” definition in Section 5 of this Implementation Manual, have been evaluated for baseline performance in accordance with United States Department of Energy (U.S. DOE) NEV America guidelines (successful completion of the NEV America assessment), be equipped with maintenance free batteries (and sealed if lead-acid), and be covered by a minimum level of after sales service as described below.
 - Successful completion of the NEV America assessment means NEV meets: (1) all of the minimum vehicle requirements specified in the NEV America Technical Specifications (Revision 3, effective September 21, 2007), and (2) the acceleration, top speed, and constant speed range performance specification in sections 5.1 through 5.3 of the same document. NEVs that successfully completed the NEV America assessment prior to Revision 3 of the Technical Specifications are still eligible for a rebate provided that the vehicle model applying for incentives is sufficiently similar to the vehicle model that completed the assessment. The Specifications are available at: <http://avt.inl.gov/pdf/nev/nevtechspec.pdf> .
 - Each manufacturer must demonstrate to ARB that they have a program to offer convenient and time-sensitive warranty and maintenance service to the vehicle owner. An acceptable service program will have readily available parts, trained service technicians, and the ability to either send a technician to

- an owner's home or pick up and transport the vehicle to an authorized repair facility.
- **ZEMs** must meet the "Zero-Emission Motorcycle" definition in Section 5 of this Implementation Manual, successfully complete the Zero-Emission Motorcycle Evaluation Procedure (Attachment C), have sealed batteries (if lead-acid), and be covered by a minimum level of after sales service as described below.
 - Successful completion of the Zero-Emission Motorcycle Evaluation Procedure means that a recognized third-party vehicle standards organization has evaluated ZEM using the procedures contained in Attachment C and ARB has verified that ZEM meets the specified range and acceleration requirements.
 - Each manufacturer must demonstrate to ARB that they have a program to offer convenient and time-sensitive warranty and maintenance service to the vehicle owner. An acceptable service program will have readily available parts, trained service technicians, and the ability to either send a technician to an owner's home or pick up and transport the vehicle to an authorized repair facility.

2.3.4 Warranty Provisions

The vehicle drive train, including applicable energy storage system or a battery pack, must be covered by a manufacturer warranty. Prior to approving a vehicle model for addition to the List of Eligible Vehicles, ARB may request that the manufacturer provide copies of representative vehicle and battery warranties and a description of the manufacturer's plans to provide warranty and routine vehicle service. Warranty provisions must meet the following requirements:

- **ZEVs** must have, at a minimum, a warranty of 36 months; the first 12 months of the coverage period shall be a full warranty. If the warranty for the remaining 24 months is prorated, the percentage of the battery pack's original value to be covered or refunded must be at least as high as the percentage of the prorated coverage period still remaining. For the purpose of this computation, the age of the battery pack must be expressed in increments no larger than three months.
- **PHEVs** must meet the extended warranty requirements applicable to partial ZEV allowance vehicles (PZEVs) as described in section 1962.1(c)(2)(D), Title 13, CCR.
- **NEVs and ZEMs** must require, at a minimum, a warranty of 24 months. At least four months of the first 12 months of the NEV/ZEM coverage period shall be a full warranty; the remainder of the first 12 months and all of the second 12 months of the coverage period may be covered under optional (available for purchase) extended warranties and may be prorated. If the extended warranty is prorated, the percentage of the battery pack's original value to be covered or refunded must be at least as high as the percentage of the prorated coverage period still remaining. For the purpose of this computation, the age of the battery pack must be expressed in intervals no larger than three months. Alternatively, a manufacturer may cover 50

percent of the original value of the battery pack for the full period of the extended warranty.

2.4 Development of List of Eligible Vehicle Models

The CVRP List of Eligible Vehicle Models will be periodically updated as manufacturers submit applications and vehicle models are approved. In order for a vehicle to be eligible for a rebate, the vehicle manufacturer must submit to ARB the Vehicle Eligibility Application in Attachment A and all supporting documentation. ARB will work with the vehicle manufacturer to ensure that all the required documentation is received and request any additional information needed to make an eligibility determination. If the vehicle meets the eligibility requirements set forth in Section 2.3 of this Implementation Manual, then ARB will add the vehicle to the List of Eligible Vehicle Models, calculate the rebate amount, and provide the updated list to the Grantee. New model years of vehicles already approved for CVRP eligibility can be rebated prior to the new model year being added to the List of Eligible Vehicle Models. All other new vehicle models purchased before being on the List of Eligible Vehicle Models are not rebate eligible.

2.5 Vehicle Rebate Amounts

ARB establishes a rebate amount for each eligible vehicle model up to the maximum rebate amount for that vehicle type listed in Table 2. Specific rebate amounts for each eligible vehicle model will be included in the List of Eligible Vehicle Models and available on the project webpage. ARB reserves the right to reduce or eliminate the rebate if the vehicle's actual sale price is less than the Manufacturer's Suggested Retail Price (MSRP) reported to ARB on the vehicle eligibility application.

Table 2 summarizes the maximum per vehicle rebate amount.

Table 2: CVRP Maximum Rebate Amounts

Vehicle Type	Maximum Rebate Amount
Light-Duty Zero-Emission Vehicle	
Type II, III, IV, or V	\$2,500
Type I.5	\$2,000
Type I	\$1,500
Light-Duty Plug-in Hybrid Electric Vehicle	\$1,500
Neighborhood Electric Vehicle	\$900
Zero-Emission Motorcycle	\$900

Opportunities for Additional Vehicle Cost Buy-Down

Participation in CVRP does not preclude a vehicle purchaser or lessee from combining CVRP rebates with other incentive opportunities. Rebates could be combined with federal, state, or local agency incentives as well as Grantee match funding to help further buy-down an eligible vehicle's cost. The total of all incentives and tax credits may not be more than the vehicle purchase price.

2.6 Reduced Ownership Period Provisions Specific to Rental and Car Share Fleets

Rental and car share fleets provide a unique opportunity for introducing eligible vehicles to a large consumer base. Because vehicles are typically circulated out of the fleets in less than the three year ownership/lease period required under the CVRP, provisions are warranted to allow these vehicles to be rebated. Rental and car share vehicles are rebate eligible if retained in California for a minimum of one year (twelve consecutive months) but less than three years. Vehicles must be available for rent from a California rental location for the minimum twelve consecutive month term. Rental fleets are subject to a limit of 50 rebated vehicles per calendar year. Car share fleets are not limited on the number of vehicles that are eligible for a rebate. See section 2.7 for a more detailed information regarding the maximum number of rebates per entity.

Vehicles rebated under the reduced-ownership provision for rental and car share fleets are eligible for the rebate amounts identified in Table 3. Rental or car share fleets that own and operate vehicles in California for a minimum of three years are eligible for the vehicle's maximum rebate amount identified in Table 2.

Table 3: Rebate Amounts for Rental and Car Share Fleets Under the Reduced Ownership Provision

Vehicle Type	Maximum Rebate Amount Under Reduced Ownership
Light-Duty Zero-Emission Vehicle	
Type II, III, IV, or V	\$750
Type I.5	\$600
Type I	\$450
Light-Duty Plug-in Hybrid Electric Vehicle	\$450
Neighborhood Electric Vehicle	\$270
Zero-Emission Motorcycle	\$270

2.7 Maximum Rebates per Entity

Except for rental and car share fleets, no single entity is eligible to receive more than 20 CVRP rebates either via direct purchase and/or lease in each calendar year. Traditional rental car fleets are capped at 50 rebates per calendar year. Car share fleets are not subject to this provision due to the increased opportunity they provide for reaching a large consumer base. To be eligible for this exclusion, the rebated car share vehicles must be used exclusively for car share purposes.

For the purposes of CVRP, vehicles under common ownership or fiduciary control of a fleet – including, but not limited to, entities sharing a common Taxpayer Identification Number (TIN) -- are considered part of a single fleet even if they are part of different subsidiaries, divisions, or other organizational structures of a company, government agency, or other entity. All entities, other than individuals, are required to disclose their TIN at the time of rebate application. ARB or its designee may seek financial reimbursement and/or civil and criminal penalties from a vehicle purchaser/lessee for

non-disclosure or inaccurate disclosure of its TIN or other information relating to common ownership or fiduciary control of the purchasing entity. Questions regarding common ownership or fiduciary control of an organization should be directed to the ARB Project Liaison at mmiles@arb.ca.gov.

2.8 Distribution of Rebates

The purchaser or lessee must submit a rebate application within six months following a vehicle purchase or lease transaction, as defined in Section 2.1. Applications can be submitted online at the CVRP website. Applicants without internet access can contact the Grantee in order to receive a rebate application by mail.

Rebates will be distributed on a first-come, first-served basis contingent upon funding availability. Available rebate funds will be reserved by the Grantee following submission of an online application or upon receipt of a mailed application. After an application is accepted by the Grantee, the required supporting documentation (outlined in section 3.3.1) must be mailed by the purchaser or lessee to the Grantee within 14 calendar days (as determined by U.S. mail postmark).

The rebate for an eligible vehicle will be issued to the qualified recipient in a single allotment. The distribution of this rebate will be made in a timely manner, but no later than 60 days after receipt and verification of the documentation required for approval of the rebate, while rebate funds are available.

2.9 Waiting List

ARB will review the progress of CVRP as well as development of the FY 2013-14 Funding Plan to determine if a waiting list is necessary and appropriate. If necessary, ARB will coordinate the development of a waiting list with the Grantee.

3 DUTIES AND REQUIREMENTS

3.1 Air Resources Board

ARB is responsible for:

- Finalizing the Implementation Manual in consultation with the Grantee.
- Evaluating and approving vehicles for the CVRP List of Eligible Vehicle Models and providing the Grantee an up-to-date list. ARB is responsible for working closely with vehicle manufacturers in order to determine vehicle eligibility.
- Determining vehicle rebate amounts and providing this information to the Grantee.
- Participating in regular meetings with the Grantee to discuss project refinements and guide project implementation.
- Reviewing and approving project elements provided by the Grantee, such as the CVRP webpage, rebate payment verification, and progress reports.
- Distributing of project funds to the Grantee.
- Providing project oversight and accountability (in conjunction with the Grantee).

- Verifying vehicle ownership through checking vehicle identification numbers (VIN) with the California DMV.
- Pursuing remedies to recoup prorated rebate funds from rebate recipients who break the CVRP vehicle ownership requirements without prior ARB approval.
- Meeting applicable requirements of statute, the AQIP Guidelines and Funding Plan, the CVRP solicitation, the grant agreement with the Grantee, and the CVRP Implementation Manual. The AQIP Guidelines and Funding Plan are available at: www.arb.ca.gov/msprog/aqip/aqip.htm.
- Coordinate with the Energy Commission and ensure that all tasks, deliverables, and due dates are realized in accordance with the Interagency Agreement between ARB and Energy Commission.

ARB shall also designate an ARB Project Liaison as the contact person for coordination with the Grantee. The ARB Project Liaison for CVRP is Ms. Meri Miles. Ms. Miles may be reached by e-mail at mmiles@arb.ca.gov or by telephone at (916) 322-6370.

3.2 The Grantee

The Grantee is responsible for implementation of the CVRP approved by the Board as part of the AQIP Funding Plan for FY 2012-13. Should the CVRP receive additional funding in FY 2013-14, ARB is required to select a grantee for these future year's funds via a separate competitive solicitation. The Grantee is eligible to apply to implement the CVRP in subsequent funding years. The Grantee is responsible for the on-the-ground project implementation and distributing rebate payments for eligible vehicles, including, but not limited to, the following tasks:

- Finalize the Implementation Manual in consultation with ARB.
- Prepare outreach and educational materials in consultation with ARB and conduct the statewide public outreach necessary for the project to be successful.
- Develop a user-friendly public webpage which must include, at a minimum:
 1. The List of Eligible Vehicle Models and each vehicle's rebate amount.
 2. Ability to submit online rebate applications.
 3. Ability to track the total CVRP funds, both available and expended, in real-time.
 4. Ability to provide information on CVRP rebates disbursed based on query parameters such as vehicle type, location, and consumer type.
 5. Ability to provide a visual representation of where rebates are being disbursed with a mapping tool.
 6. Applicable documents and forms related to the project.
- Ensure purchasers and lessees meet all applicable CVRP requirements.
- Support 36-month ownership requirement by identifying and reporting at-risk rebate recipients to ARB.
- Track and report vehicle resale inquiries to ARB.
- Contact rebate recipients that have, or will potentially sell their vehicle early, to request repayment of the prorated rebate amount.
- Use the criteria in this Implementation Manual to review and approve or disapprove rebate applications.

- Distribute rebate payments to eligible vehicle purchasers and lessees.
- Track expenditure of the CVRP funding.
- Ensure that the most current list of eligible vehicles is being used.
- Establish a waiting list if the project becomes oversubscribed and ARB determines a waiting list is appropriate. See section 2.9.
- Respond to public inquiries regarding CVRP.
- Administer vehicle owner surveys to rebate recipients. See section 4.5.
- Provide data updates to ARB upon request.
- Provide periodic data summaries to the public in response to data requests.
- Provide Status Reports to ARB detailing rebates redeemed for purchased vehicles. ARB may specify an electronic format for quarterly reporting as needed for transparent and effective data tracking.
- Provide ARB with a CVRP Final Report that summarizes and evaluates total fund expenditures (including match and in-kind funds), vehicles funded, outreach efforts, and implementation challenges, and recommends potential program improvements.
- Provide information, upon request, to individuals or organizations that wish to appeal a rebate denial to the Project Liaison.
- Provide ARB with all webpage(s), software or other intellectual property developed or purchased by the Grantee for the purposes of administering or implementing CVRP, if requested.
- Meet applicable requirements of statute, the AQIP Guidelines and Funding Plan, ARB's CVRP solicitation, the CVRP grant agreement with ARB, and this Implementation Manual.

The Grantee's responsibilities encompass three phases to ensure the efficient and proper distribution of rebates for eligible vehicles – project development, project implementation, and project reporting.

Conflict of Interest

The Grantee may have no interest, and shall not acquire any interest, direct or indirect, which will conflict with its ability to impartially complete the project tasks described above. All applicants must disclose any direct or indirect financial interest or situation which may pose an actual, apparent, or potential conflict of interest with its duties at the time of the CVRP Grantee solicitation. Although applicants are not automatically disqualified due to a potential or appearance of a conflict of interest at the time of the CVRP Grantee solicitation, ARB may consider the nature and extent of any potential or apparent conflict of interest in evaluating the proposal.

The Grantee must immediately advise ARB in writing of any potential new conflicts of interest throughout the grant term.

3.3 Vehicle Purchaser or Lessee

The vehicle purchaser or lessee is responsible for submitting the rebate application and providing all required documentation to the Grantee. Eligible vehicle purchasers or lessees must accept the rebate directly – CVRP does not provide an option to assign

the rebate to a vehicle seller or lessor (i.e. vehicle dealer or manufacturer). To receive a CVRP rebate, a vehicle purchaser or lessee must:

- Be an individual, business, nonprofit, or government entity that is based in California or has a California-based affiliate at the time the rebated vehicle is purchased or leased. Proof of California DMV registration will be required to complete a CVRP application.
 - Eligible vehicles may be purchased out-of-state, but consumers must be California residents at the time of vehicle purchase. All businesses must be licensed to operate in California. Active duty military members stationed in California, but with permanent residency in another state, are eligible to apply and may use military orders in lieu of other proof of residence documentation.
- Purchase or lease a new eligible vehicle as specified in section 2 of this Implementation Manual.
 - Lease terms of at least 36 months are required for program eligibility.
- Submit a rebate application within six months of vehicle purchase.
- Submit the signed application form and mail in all required supporting documentation within 14 calendar days of application submittal as specified in Section 3.3.1 of this Implementation Manual.
- Application must be received and approved by the Grantee prior to depletion of available funds.
- Register the vehicle with the California DMV and maintain ownership or lease of the rebated vehicle for a minimum of 36 months following the vehicle's purchase or lease date. Any government owned vehicle not registered with the California DMV is still required to operate within California for 36 consecutive months immediately after the vehicle purchase or lease date. Purchasers or lessees under section 2.6 must register the vehicle with the California DMV and operate the vehicle for a minimum of 12 consecutive months after vehicle purchase or lease date.
- Maintain insurance as required by law.
- Notify the Grantee to seek approval for early termination of vehicle ownership in advance of intent to sell or terminate a lease prior to the required 36 month ownership period. See section 3.3.2
- Not make or allow any modifications to the vehicle's emissions control systems, hardware, software calibrations, or hybrid system (Violation, CVC 27156).
- Commit that any emission reductions generated by the purchased vehicle will not be used as marketable emission reduction credits, to offset any emission reduction obligation of any person or entity, or to generate a compliance extension or extra credit for determining regulatory compliance.
- Be available for follow-up inspection if requested by the Grantee, ARB, or ARB's designee for the purposes of project oversight and accountability.

The vehicle purchaser or lessee is responsible for ensuring the accuracy of the information on all rebate applications and required documentation submitted to the Grantee. Submission of false information on any required documents may be

considered a criminal offense and is punishable under penalty of perjury under the laws of the State of California.

3.3.1 Supporting Documentation

If the purchaser or lessee does not submit the required documentation within the specified 14 calendar days, the funds will be released back to the project and the purchaser or lessee will be required to submit a new rebate application.

Required documentation will include, at a minimum, the following:

- For applicants who request applications by phone, a complete application with signature and date. For online applicants, a hard copy of the submitted application signed by the vehicle purchaser, lessee, or authorized representative.
- Proof of temporary or permanent vehicle registration. A copy of the Application for New Vehicle Registration submitted by the dealer to the DMV is acceptable proof of temporary vehicle registration if submitted within one year of sale. Local, state, and federal agencies and entities may submit other documents with the prior approval of the Grantee.
- A copy of the executed final sales or lease contract with an itemization of credits, discounts, and incentives received, if applicable.
- For individuals, a copy of a utility or cable bill from within the last 3 months or other valid form of California residency as approved by the Grantee. Other forms of valid proof include a signed, dated, and notarized rental agreement or a copy of a current DMV registration. A California driver license is not an acceptable proof of residency.
- For a business or nonprofit, a copy of the formation document filed with the California Secretary of State or other documentation as approved by the Grantee. Sole proprietors may submit a copy of a utility or cable bill from within the last 3 months, a current vehicle DMV registration or a notarized rental agreement.
- For ZEMs and NEVs, evidence of maintenance free batteries (and sealed if lead-acid), and a 24-month warranty.

Once the Grantee has verified the documentation, a rebate check will be issued to the vehicle purchaser or lessee.

3.3.2 Vehicle Ownership Provision

With the exception of vehicles purchased under the special provisions in section 2.6, vehicle purchasers and lessees participating in CVRP are required to keep the vehicle and meet all applicable project requirements for a minimum 36 month period after the vehicle purchase or lease date.

If a manufacturer defect or other unforeseen circumstances require the replacement of a CVRP rebated vehicle with another vehicle of the same make and model, the Grantee has discretion to allow updated information to be provided with no return of CVRP rebate funds.

Resale of a vehicle or return of a leased vehicle to a dealer is allowed within this 36 month period if necessitated by unforeseen or unavoidable circumstances. To employ this provision, ARB must approve the circumstances and sale or return in advance. If the vehicle is resold, the vehicle purchaser or lessee must refund a prorated portion of their rebate, in an amount equivalent to the original rebate amount divided by 36 months and then multiplied by the number of months remaining in the original 36 month period (rounded to the nearest month), to the Grantee (see formula provided below):

$$\left(\frac{\text{Original Rebate Amount}}{36 \text{ Months}} \right) \times (36 - \text{months since vehicle purchased or leased})$$

The Grantee will follow procedures outlined in Attachment D when managing vehicles that received a rebate at the time of original sale or lease and have since been sold or returned to the dealer.

ARB verifies vehicle ownership through periodic checks of VINs in the California DMV database. If a vehicle purchaser or lessee sells or returns the rebated vehicle to the dealer, ARB or its designee reserves the right to recoup CVRP funds from the original vehicle purchaser identified on the rebate form and may pursue other remedies available under the law for unauthorized early termination of vehicle ownership.

4 PROJECT ADMINISTRATION

4.1 Background

This section defines the respective roles of ARB and the Grantee in administering CVRP.

4.2 Disbursement of Project Funding

4.2.1 Vehicle Funding

The success of CVRP is contingent upon the ability of vehicle purchasers and lessees to benefit from the rebates quickly after purchasing or leasing an eligible vehicle. The Grantee will receive an initial disbursement of up to 20 percent of the CVRP vehicle rebate funding as seed money prior to rebates being available in order to turn around rebate applications quickly once the grant agreement has been signed (See Exhibit C, Attachment II and Attachment II-A of the Grant Agreement).

In order to ensure adequate project funds are available in the Grantee's account to cover the cost of rebates, the Grantee may request subsequent disbursements by submitting a Status Report documenting the rebates issued. ARB will provide subsequent disbursements to cover the cost for the amount of rebates issued plus any additional funds necessary to ensure that not more than 20 percent of funds are available in the Grantee's account. Additional funds may be disbursed, if necessary

and at ARB's sole discretion.

4.2.2 Administrative Funding

The Grantee may use up to \$1,110,195 (Note that the Grantee may use up to \$1,233,550. However, \$123,355 will be withheld until ARB receives the Final Report and all intellectual property) of total ARB funds for project administration and outreach (costs associated with promoting and redeeming rebates). In addition, the Grantee may use up to \$283,500 (Note that the Grantee may use up to \$315,000. However, \$31,500 will be withheld until ARB receives the Final Report and all intellectual property) of total Energy Commission funds for project administration and outreach. The Grantee shall receive funding for project administration on the following schedule:

- 50 percent of project administration funds at the time the Grant Agreement is signed for outreach, webpage development, finalizing the CVRP Implementation Manual, and for other start-up costs.
- 10 percent of administration funding after 10 percent of vehicle funding is expended and the Grantee provides ARB with documentation for the first 60 percent of project administration funding expended.
- 20 percent of administration funding after 40 percent of vehicle funding is expended and a complete and accurate Status Report documenting fund expenditures for these vehicles has been supplied to ARB.
- 10 percent of administration funding after 80 percent of vehicle funding is expended, a complete and accurate Status Report demonstrating fund expenditures for these vehicles has been supplied to ARB, and the Grantee provides documentation describing expenditure of all in-kind services committed to in the project application.
- 10 percent of administration funding after 100 percent of vehicle funding is expended and ARB has received all intellectual property and data needed to ensure continued smooth implementation of CVRP (see Sections 4.4 and 4.5) and received a Final Report documenting vehicles paid for by the project and fulfillment of all project commitments.

ARB will have sole discretion to accelerate the timeline for allowable disbursements of administration funds identified above, (with the exception of the final project administration disbursement), necessary to assure the goals of the project are met. With the exception of the initial 50 percent of administrative funding provided for project start-up, all administrative funding provided to the Grantee shall be on a reimbursement basis. The Grantee must provide invoices before additional administration funding will be provided.

Invoices used to justify an additional increment of administration funding from ARB must describe costs for work completed in the following categories: 1) labor expenses (including total staff time and labor costs); 2) external consultant fees for completed work (if applicable); 3) printing, mailing, travel, and other outreach expenses; and 4) indirect costs. Additional invoices may be provided to ARB if warranted.

Documentation substantiating these costs must be maintained by the Grantee and provided to ARB upon request, as described in Sections 4.6 and 4.11 of this Implementation Manual.

4.3 Accounting of State Funds

The Grantee must provide ARB with documentation accounting for the proper expenditure of ARB funds. The documentation must be provided in Status Reports submitted at least every three months to ARB and a Final Report submitted after all vehicle funding has been expended and prior to the Grantee receiving their last disbursement of administrative funding. In addition, the Grantee must track all Energy Commission funds separately from ARB funds, including funds received and rebates issued on behalf of the Energy Commission. The accounting of these funds must be in compliance with all relative sub-sections of section 4 of this Implementation Manual. Grantee must provide a description of the accounting process in accordance with the project schedule identified in Exhibit C, Attachment III and Attachment III-A in the Grant Agreement.

4.3.1 Status Report

The Grantee must provide a Status Report to ARB detailing the vehicles and associated rebate amounts assigned and redeemed to date. The Status Report must include the following components:

- 1) Excel spreadsheet of vehicles funded for the reporting period – format and data fields to be agreed upon by the Grantee and ARB. Data fields will include, but not limited to, Vehicle Identification Number (VIN), city and zip code of where rebate check was mailed, Air District, vehicle type, make and model, and purchase/lease date.
- 2) Summary report-
 - a. Number of rebates received, approved, cancelled, in-process, and pending.
 - b. Number and dollar amount of rebates issued by fleet type (i.e. individual, business, state government agency, or non-profit organization).
 - c. Number, dollar amount, and percentage of rebates issued by vehicle type, model, purchase price and rebate amount.
 - d. Graph of rebates issued by vehicle model and month
 - e. Number of rebates for vehicles leased versus owned.
 - f. Number of rebates per Air District.
 - g. Other financial incentives received (other than tax rebates), if applicable.
 - h. Remaining grant funding available.
- 3) Grantee administrative cost summaries.
- 4) Identified problems or concerns and proposed solutions, if applicable.

The Status Report provides a mechanism for the Grantee to justify a need for additional CVRP funding from ARB. The Status Report must be submitted at least every three months, but may be provided on an as needed basis to justify additional funding from ARB. The first Status Report must be submitted three months after the grant agreement is fully executed or when requesting additional disbursement of funds,

whichever is sooner.

4.3.2 Final Report

The Grantee must submit a Final Report to ARB after all vehicle funding has been expended. The Final Report must include the following components:

The Final Report must include, at a minimum:

- Total fund expenditures (including match and in-kind funds).
- Excel spreadsheet of any vehicles funded not previously included in a Status Report (see Status Report).
- Summary report of all vehicles funded by CVRP for the period covered by the Grant Agreement (may be provided as summaries or previously submitted Status Reports - see Status Report).
- VIN for each vehicle purchased.
- City and ZIP code of where the rebate check was mailed.
- Outreach efforts.
- Implementation challenges.
- Recommendations for potential program improvements.

4.4 Intellectual Property

Any webpage(s), software, project data, or other intellectual property developed or purchased by the Grantee for the purposes of administering or implementing CVRP are the property of ARB. Should a different grantee be selected to manage CVRP in subsequent funding years, it will be the Grantee's responsibility to turn over this property and information to the new grantee and provide all reasonable and necessary assistance needed to ensure a smooth transition. It is ARB's intention that rebate access and redemption be seamless to vehicle purchasers and lessees as CVRP transitions to each new fiscal year.

4.5 Vehicle Ownership Reporting

ARB reserves the right to request voluntary participation from rebate recipients in ongoing research efforts that support the CVRP and AQIP goals as well as ARB Research Division efforts. The Grantee shall administer vehicle owner surveys to rebate recipients to collect vehicle usage data and other information pertaining to CVRP-eligible vehicle ownership. ARB will coordinate with the Grantee to identify survey parameters and determine the most effective mechanism for obtaining information.

4.6 Documentation of Administrative Costs

Administrative funds shall only be used for costs associated with project implementation tasks outlined in the AQIP Funding Plan, the project solicitation, the Implementation Manual, and grant agreement. Administrative funds shall be used for CVRP administration and outreach including: the Grantee's staff time; consultant fees (if pre-approved by ARB); printing, mailing, and travel costs; project monitoring and compliance expenses; and indirect costs such as general administrative services, office space, and telephone services.

The Grantee must maintain documentation of the CVRP funds used for administration and outreach, including:

- Personnel documentation must make use of timesheets or other labor tracking software. Duty statements or other documentation may also be used to verify the number of staff and actual hours or percent of time staff devoted to CVRP administration and outreach.
- Fees for external consultants must be documented with copies of the consultant contract and invoices. All external consultant fees must be pre-approved by ARB.
- Printing, mailing, and travel expenses must be documented with receipts and/or invoices.
- Any reimbursement for necessary travel and per diem shall be at rates not to exceed those amounts paid to the State's represented employees. No travel outside the State of California shall be reimbursed unless prior written authorization is obtained from ARB. The State's travel and per diem reimbursement amounts may be found online at <http://www.dpa.ca.gov/personnel-policies/travel/hr-staff.htm>. Reimbursement will be at the State travel and per diem amounts that are current as of the date costs are incurred by the Grantee.
- If indirect costs are used to document project administrative costs funded by CVRP, the Grantee must have an official written policy regarding calculation of these costs. The Grantee must maintain documentation for all costs referenced in the indirect cost calculation formula.

The above documentation, records, and referenced materials must be made available for review during monitoring visits and audits by ARB, or its designee. These records must be retained for a minimum of three years after submittal of the final CVRP invoice to ARB.

If the Grantee charges unallowable costs for project administration or outreach, it shall be required to substitute eligible administration and outreach expenses equal to the dollar amount found ineligible, or return the funds for the unallowable cost to ARB.

4.7 In-Kind Services

The Grantee is encouraged to contribute in-kind services to improve CVRP's effectiveness. Funds expended on in-kind services must meet all the requirements of Section 4.6 of this Implementation Manual and must be documented in the CVRP Final Report to ARB.

4.8 Grantee Match Funding

Match funding from the Grantee, if applicable, can only be used in two ways – to increase the number of eligible vehicles funded or to increase the rebate amount provided to eligible vehicles. Match funding must meet the following criteria:

- Funding from other state or federal revenue sources, such as the Carl Moyer Program or other AB 118 programs, may not be counted as match from the Grantee.
- The combination of CVRP and match funding may not exceed a vehicle's purchase price.
- Match funding must meet the same requirements applicable to the CVRP funds.
- Vehicles, purchased wholly or in part with match funding, must meet the same requirements as vehicles funded with the CVRP funds.

Documentation of match funding must be retained for a minimum of three years after the rebate has been issued.

4.9 Earned Interest

Interest earned by the Grantee on the CVRP funds must be reported to ARB. All interest income on the CVRP funds, including both vehicle rebate funds and project administration/outreach funds, must be reinvested in CVRP to fund additional rebates for eligible vehicles. The Grantee is responsible for reporting to ARB on all vehicles funded with interest earned on the CVRP funds.

The Grantee must maintain accounting records (e.g. general ledger) that tracks interest earned and expended on the CVRP funds, as follows:

- The calculation of interest must be based on an average daily balance or some other reasonable and demonstrable method of allocating the proceeds from the interest-generating account back into the program.
- The methodology for tracking earned interest must ensure that it is separately identifiable from interest earned on non-CVRP funds.
- The methodology for calculating earned interest must be consistent with how it is calculated for the Grantee's other fiscal programs.
- Earned interest must be fully expended by May 15, 2015.

Documentation of interest earned on the CVRP funds must be retained for a minimum of three years after it is generated. Documentation of interest expended on eligible vehicles must be retained for a minimum of three years after the interest-funded rebate has been redeemed.

4.10 Records

Without limitation of the requirement to maintain project accounts in accordance with generally accepted accounting principles, the Grantee must:

- Establish an official file for CVRP which shall adequately document all significant actions relative to the project.
- Establish separate accounts which will adequately and accurately depict all amounts received and expended on CVRP.
- Establish separate accounts which will adequately and accurately depict all income received which is attributable to CVRP.

- Establish an accounting system which will adequately depict final total costs of CVRP, including both direct and indirect costs.

4.11 Oversight and Accountability

ARB holds the overarching responsibility for CVRP oversight and project accountability and has final authority regarding vehicle eligibility and other program parameters. As such, ARB is responsible for monitoring and reviewing the Grantee's implementation of CVRP.

Responsibilities for CVRP oversight are as follows:

- ARB has primary oversight responsibility for CVRP to ensure transparent and efficient implementation, and that the AQIP funds are spent consistent with the requirements of statute, the AQIP Guidelines and Funding Plan, the CVRP solicitation and grant agreement, and this Implementation Manual. ARB, or its designee, reserves the right to conduct a site visit, evaluation, review, or audit CVRP for the life of the project grant.
- If the Grantee detects any potentially fraudulent activity by a vehicle dealer, purchaser, or lessee, it shall notify ARB as soon as possible and work with ARB to determine an appropriate course of action.
- ARB staff or its designees have primary responsibility for conducting project reviews and/or fiscal audits of CVRP administration and implementation.
- Rebate recipients and the Grantee must allow ARB, the California Department of Finance, the California Bureau of State Audits, or any authorized designee access, during normal business hours, to conduct CVRP reviews and fiscal audits or other evaluations. Granting of access includes, but is not limited to, reviewing project records, site visits, and other evaluations as needed. ARB, or its designee, has the right to review and to copy any records and supporting documentation pertaining to development or implementation of CVRP. Project evaluations or site visits may occur unannounced as ARB staff or its designee deems necessary.

Project Non-Performance

ARB or its designee has the authority to recoup the CVRP funds which were received based upon misinformation or fraud, or for which the Grantee, dealership, manufacturer, or vehicle purchaser or lessee is in significant or continual non-compliance with this Implementation Manual or State law. ARB also retains the authority to prohibit any entity from participating in CVRP due to non-compliance with project requirements.

5 DEFINITIONS

“ARB-Certified” means a vehicle that has been certified as a ZEV or a TZEV and issued an Executive Order by ARB in accordance with the provisions of the California ZEV Regulation (section 1962(e), Title 13, CCR).

“ARB Project Liaison” is the ARB staff person, named in this Implementation Manual

and the CVRP grant agreement, who serves as the point of contact for coordination with the Grantee.

“Battery Electric Vehicle (BEV)” means any vehicle that operates solely by use of a battery, or that is powered primarily through the use of an electric battery but uses a flywheel or capacitor that also stores energy to assist in vehicle operation.

“BEVx” is a regulatory vehicle category approved by the Board in January 2012 that includes battery-electric vehicles with small, gasoline powered, range extending auxiliary power units (APU). The APU provides only an emergency “limp home” range, unlike the long range or full power of a hybrid electric vehicle. The BEVx is considered a zero-emission vehicle subcategory under the CVRP, and rebate amounts are based on vehicles’ range certifications.

“Earned interest” means any interest generated from State AQIP funds provided to the Grantee and held in an interest-bearing account.

“Expend” for the purpose of this program means the payment of funds on an invoice for an eligible vehicle.

“Fleet” means vehicles under common ownership or fiduciary control, including, but not limited to, entities sharing a common Taxpayer Identification Number (TIN). Vehicles are considered part of a single fleet even if they are part of different subsidiaries, divisions, or other organizational structures of a company, government agency, or other entity. For the purposes of CVRP, franchises, divisions, or subsidiaries doing business under a common name will be considered one entity even if they do not share a TIN.

“Gross vehicle weight rating (GVWR)” means the vehicle weight described on the original manufacturer Line Setting Ticket provided to the vehicle dealer.

“Incremental cost” means the difference in cost between the new zero-emission or plug-in hybrid electric vehicle and the comparable new gasoline or diesel fueled vehicle that would be purchased to perform the same function.

“In-kind services”, for the purposes of CVRP, means payments or contributions made in the form of goods and services, rather than direct monetary contributions.

“Match funding” means those funds contributed by the Grantee or other organization directly to CVRP for the sole purposes of funding additional vehicles or increasing the vehicle rebate amount.

“Neighborhood Electric Vehicle (NEV)” means a motor vehicle that meets the definition of “low-speed vehicle” either in section 385.5 of CVC or in 49 CFR 571.500 (as it existed on July 1, 2000) and is certified to zero-emission vehicle standards.

“Passenger car” means any motor vehicle designed primarily for transportation of

persons and having a design capacity of twelve persons or less.

“Plug-in Hybrid Electric Vehicle (PHEV)” (sometimes referred to as an Extended Range Electric Vehicle or E-REV) means a hybrid electric vehicle which:

- has zero-emission vehicle range capability,
- has an on-board electrical energy storage device with useful capacity greater than or equal to ten miles of Urban Dynamometer Driving Schedule (UDDS) range on electricity alone,
- is equipped with an on-board charger, and
- is rechargeable from an external connection to an off-board electrical source.

“Purchase” means when the purchaser of the vehicle has paid the purchase price, or, in lieu thereof, has signed a purchase contract or security agreement and taken physical possession or delivery of the vehicle.

“Rental fleet” means a fleet categorized under the North American Industry Classification System (NAICS) as an establishment engaged in renting passenger cars without drivers, generally for short or long periods of time (2007 NAICS code 532111 and 532112).

“Transitional Zero Emission Vehicle” or “TZEV” means a PZEV that has an allowance of 1.0 or greater, and makes use of a ZEV fuel.

“Type I ZEV” means a ZEV with a UDDS ZEV range of 50 to less than 75 miles.

“Type I.5 ZEV” means a ZEV with a UDDS ZEV range of 75 to less than 100 miles.

“Type II ZEV” means a ZEV with a UDDS ZEV range of 100 to less than 200 miles.

“Type III ZEV” means a ZEV with either (1) a UDDS range of 200 or more miles or (2) a UDDS ZEV range of 100 to less than 200 miles and is capable of replacing 95 miles of range in 10 minutes or less per CCR section 1962.1(d)(5)(B) of the California ZEV Regulation.

“Type IV ZEV” means a ZEV with a UDDS ZEV range of 200 miles or more and is capable of replacing 190 miles of range in 15 minutes or less per CCR section 1962.1(d)(5)(B) of the California ZEV Regulation.

“Type V ZEV” means a ZEV with a UDDS ZEV range of 300 miles or more and is capable of replacing 285 miles of range in 15 minutes or less per CCR section 1962.1(d)(5)(B) of the California ZEV Regulation.

“Zero-Emission Motorcycle (ZEM)” means either a fully-enclosed zero-emission vehicle designed to travel on three wheels or a two-wheeled electric motorcycle. ZEMs must meet the provisions of CVC section 400 and be freeway capable.

“Zero-Emission Vehicle (ZEV)” means any vehicle certified to zero-emission standards.

Attachment A
Vehicle Eligibility Application

AB 118: CLEAN VEHICLE REBATE PROJECT

VEHICLE ELIGIBILITY APPLICATION

This is an application for vehicles to be included on the list of vehicles eligible for the California Air Resources Board's (ARB) Clean Vehicle Rebate Project. This application must be completed, submitted to ARB, and vehicle must receive approval prior to the vehicle being eligible for a rebate. If the vehicle receives approval, ARB will notify the Grantee for inclusion on the List of Eligible Vehicle Models.

ARB reserves the right to request additional information or clarification of information provided in this application. This application applies to and must be completed by the original vehicle manufacturer or its legal representative.

Part I: Vehicle Manufacturer Information

1. Manufacturer Name:		
2. Staff Contact Name and Title:		
3. Business Mailing Address and Contact Information		
Street:		
City:	State:	Zip Code:
Phone: ()	Fax: ()	
E-mail:		

In Table 1 (below), please provide the year, make, and model for the vehicle(s).

Table 1: Vehicle Information

Model Year	Vehicle Make	Vehicle Model

Part II: Verification of Vehicle Eligibility

A. For vehicle models not currently on the list of eligible vehicles:

Please provide the following information as attachments to this form for each vehicle model listed in Table 1. ARB reserves the right to request additional information to complete the vehicle eligibility evaluation.

- ARB Executive Order(s), except for zero emission motorcycles
- Warranty provisions
- After sales service provisions
- Neighborhood Electric Vehicles (NEV) only - NEV America technical evaluation (most recent printout from web site)
- MSRP price sheets. Price information on equivalent internal combustion engine vehicles must be submitted to support incremental cost determinations.
- Zero emission motorcycles only - Completion of the Zero Emission Motorcycle Evaluation Procedures (Attachment B of the Implementation Manual) and associated forms
- Briefly describe information provided to vehicle dealers/purchasers regarding proper disposal of both the propulsion and auxiliary vehicle batteries and how this information is conveyed.
- VIN Indicator Reference Sheet. ARB must be able to distinguish the advanced technology vehicle model(s) for which CVRP eligibility is being solicited from other vehicle models in the vehicle family that are not eligible for the CVRP. Provide a representative VIN for the applicable advanced technology vehicle(s). Use asterisks within the representative VIN to indicate those positions that are not unique to the applicable vehicle model(s) (for example, the six-digit serial number sequence at the end of the VIN).

B. For vehicle models currently on the list of eligible vehicles (addition of new model years):

Please initial if the following statement is true.

_____ I certify that the vehicle(s) listed in Table 1 have not been modified from the vehicle(s) that were previously approved by ARB for inclusion on the List of Eligible Vehicle Models including warranty and after sales service provisions, and, for NEVs, the NEV America technical evaluation.

Please provide the following information for each vehicle model listed in Table 1.

- MSRP price sheets, including information on equivalent internal combustion engine vehicles.
- ARB Executive Order(s), except for zero emission motorcycles.
- VIN Indicator Reference Sheet. ARB must be able to distinguish the advanced technology vehicle model(s) for which CVRP eligibility is being solicited from other vehicle models in the vehicle family that are not eligible for the CVRP. Provide a representative VIN for the applicable advanced technology vehicle(s). Use asterisks within the representative VIN to indicate those positions that are not unique to the applicable vehicle model(s) (for example, the six-digit serial number sequence at the end of the VIN).

I certify under penalty of perjury under the laws of the State of California that the information provided is true, accurate, and complete.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date:

For all vehicles mail this application and all supporting documentation to:

Mark Williams, MS-7B
California Air Resources Board
Mobile Source Control Division
P.O. Box 2815
Sacramento, CA

Attachment B

Table of Federal Motor Vehicle Safety Standards

FEDERAL MOTOR VEHICLE SAFETY STANDARDS (FMVSS); APPLICABILITY								
49 CFR Part 571	Passenger Car	MPV Lt Truck (1)	Heavy	Bus	Motorcycle	Trailer	Equipment	Low-speed
FMVSS Number								
100 Series (Crash Avoidance)								
101 Controls and Displays	●	●	●	●				
102 Transmission Shift Lever Sequence	●	●	●	●				
103 Windshield Defrosting and Defogging Systems	●	●	●	●				
104 Windshield Wiping and Washing Systems	●	●	●	●				
105 Hydraulic and Electric Brake Systems	●	●	●	●				
106 Brake Hoses	●	●	●	●	●	●	●	
108 Lamps, Reflective Devices and Associated Equipment	●	●	●	●	●	●	●	
109 New Pneumatic Tires	(3)	(4)		(4)		(4)	●	
110 Tire Selection and Rims	●						●	
111 Rearview Mirrors	●	●	●	● (5)	●			
113 Hood Latch System	●	●	●	●				
114 Theft Prevention	●	●						
116 Hydraulic Brake Fluids	●	●	●	●	●	●	●	
117 Retreaded Pneumatic Tires (passenger cars)							●	
118 Power-Operated Window Systems	●	●						
119 New Pneumatic Tires for Trucks, Buses etc.		(4)	(4)	(4)	(4)	(4)	●	
120 Tire Selection and Rims for Trucks, Buses etc.		●	●	●	●	●	●	
121 Air Brake Systems			●	●		●		
122 Motorcycle Brake Systems					●			
123 Motorcycle Controls and Displays					●			
124 Accelerator Control Systems	●	●	●	●				
125 Warning Devices							●	
129 New Non-Pneumatic Tires for Passenger Cars	(3)	(4)					●	
131 School Bus Pedestrian Safety Devices				● (5)				
135 Passenger Car Brake Systems	●	● (6)						

49 CFR Part 571	Passenger Car	MPV Lt Truck (1)	Heavy	Bus	Motorcycle	Trailer	Equipment	Low-speed
FMVSS Number								
200 Series (Crash Worthiness)								
201 Occupant Protection in Interior Impact	●	●		● (1)				
202 Head Restraints	●	●		● (1)				
203 Impact Protection for Driver Steering Controls	●	●		● (1)				
204 Steering Control Rearward Displacement	●	●		●				
205 Glazing Materials	(7)	(7)	(7)	(7)	(7)		●	(7)
206 Door Locks and Retention Components	●	●	●					
207 Seating Systems	●	●	●	●				
208 Occupant Crash Protection	●	●	●	●				
209 Seat Belt Assemblies	(7)	(7)	(7)	(7)			●	
210 Seat Belt Assembly Anchorages	●	●	●	●				
212 Windshield Mounting	●	●		● (1)				
213 Child Restraint Systems	●	●		●			●	
214 Side Impact Protection	●	●		● (1)				
216 Roof Crush Resistance	●	● (8)		● (8,9)				
217 Bus Emergency Exits and Window Retention				●				
218 Motorcycle Helmets							●	
219 Windshield Zone Intrusion	●	●		● (1)				
220 School Bus Rollover Protection				● (5)				
221 School Bus Body Joint Strength				● (5)				
222 School Bus Seating and Crash Protection				● (5)				
223 Rear Impact Guards							●	
224 Rear Impact Protection						● (2)		
225 Child Restraint Anchorage Systems	●	● (10)		● (1)				

49 CFR Part 571	Passenger Car	MPV Lt Truck (1)	Heavy	Bus	Motorcycle	Trailer	Equipment	Low-speed
FMVSS Number								
300 Series (Post Crash Protection)								
301 Fuel System Integrity	●	●		● (5)				
302 Flammability of Interior Materials	●	●	●	●				
303 Fuel System Integrity of Compressed Natural Gas Vehicles	●	●		● (1,5)				
304 Compressed Natural Gas Fuel Container Integrity							●	
500 Series (Low-Speed Vehicles)								
500 Low-Speed Vehicles								●
(1) Gross Vehicle Weight Rating (GVWR) less than or equal to 4,536 Kg (10,000 lb) (2) GVWR greater than 4,536 Kg (10,000 lb) (3) See FMVSS No. 110 (4) See FMVSS No. 120 (5) Applies to or has different requirements for School Buses (6) GVWR less than or equal to 3,500 Kg (7,716 lb) (7) For use in (8) GVWR less than or equal to 2,722 Kg (6,001 lb) (9) Does not apply to School Buses (10) GVWR less than or equal to 3,855 Kg (8,500 lb)								

Passenger Car: Motor vehicle with motive power, except a low-speed vehicle, multipurpose passenger vehicle, motorcycle or trailer designed for carrying 10 persons or less.

Multipurpose Passenger Vehicle: Motor vehicle with motive power, except a low-speed vehicle or a trailer designed to carry 10 persons or less which is constructed either on a truck chassis or with special features for occasional off-road operation.

Truck: Motor vehicle with motive power, except a trailer, designed primarily for the transportation of property or special purpose equipment.

Bus: Motor vehicle with motive power, except a trailer, designed for carrying more than 10 persons.

School Bus: A bus that is sold, or introduced in interstate commerce, for purposes that include carrying students to and/or from school or related events, but does not include a bus designed and sold for operation as a common carrier in urban transportation.

Motorcycle: Motor vehicle with motive power, having a seat or saddle for use of the rider and designed to travel on not more than three wheels in contact with the ground.

Trailer: Motor vehicle with or without motive power, designed for carrying persons or property and for being drawn by another motor vehicle.

Motor Vehicle Equipment: Individual vehicle components or systems whether installed on a new vehicle or provided as a replacement or accessory that are subject to a FMVSS.

Low-Speed Vehicle: 4-wheeled motor vehicle, other than a truck, with a maximum speed greater than 20 and not more than 25 miles per hour.

Attachment C

Zero-Emission Motorcycle Evaluation Procedures

CLEAN VEHICLE REBATE PROJECT ZERO-EMISSION MOTORCYCLE EVALUATION PROCEDURES

1. Introduction

The Clean Vehicle Rebate Project (CVRP) provides rebates to eligible zero-emission motorcycles (ZEMs). To ensure that these vehicles are robust and offer their purchasers enduring trouble-free performance, the California Air Resources Board (ARB) requires them to successfully complete established baseline performance evaluations.

ZEMs must meet prescribed vehicle requirements based upon zero emission vehicle testing procedures developed by Southern California Edison's (SCE) Electric Vehicle Testing Center. ARB, in consultation with SCE, has modified the electric vehicle testing procedures to reflect the operating characteristics of ZEMs.

ZEM manufacturers seeking the CVRP rebate eligibility must have an ARB-recognized independent third-party vehicle standards organization³ evaluate vehicle range and acceleration using the procedures contained in this document (data collected will be held confidentially). ARB will review the evaluation and issue a pass or fail determination. All other applicable legal requirements to certify operation of a motor vehicle on a public roadway must be satisfied before the vehicle is submitted for range certification.

2. Vehicle Receipt, Preparation and Inspection

A. Before accepting the vehicle for testing, the following must be satisfied:

1. The vehicle must be licensed for legal operation on public roadways.
2. The vehicle must pass a safety and functionality inspection.
3. The vehicle must have a minimum sustained speed capability of 35 mph on the Pomona Loop course and be able to accelerate from 0 to 50 mph in 10 seconds or less.

B. Complete the following preparation and inspection steps:

1. Fill out the Vehicle Test Equipment and Nameplate Data Sheet (Form MSCD/AFV04).
2. When the tires are "cold", check the air pressure and inflate the tires to the maximum pressure indicated on the tire sidewall using a calibrated tire pressure gage; for consistency, pressure should be checked within one hour of starting the test drive. Tires can be considered "cold" if the vehicle

³ ARB reserves the right to approve or disapprove the proposed vehicle standards organization.

has been parked for at least two hours. Check the pressure before each test at a consistent time relative to the test drive schedule.

3. Check the vehicle fluid levels (coolant, brake fluid, etc.) if applicable before each drive.
4. Fully charge the vehicle's battery pack in a controlled environment using the supplied battery charger and allow it to cool at least four, and not more than twelve hours before beginning the range or acceleration tests.

3. Pomona Loop Range Test

A. Pomona Loop Range Test

Record the odometer reading and starting ambient conditions on the Electric Vehicle Driving Test Data Sheet (Form MSCD/AFV05). It is preferable to start the drive in the morning at a consistent time and temperature. Drive the vehicle on the Pomona Loop, with no passengers, in a manner that is compatible with the safe flow of traffic, attempting to maintain the posted speed limit whenever possible, but at no time exceeding the posted speed limit. Requirement: complete two circuits of the Pomona Loop in a continuous fashion, without extended stops or additional charging.

Upon completion of the two circuits, record the end-of-test data (odometer, state of charge, ending ambient conditions) on MSCD/AFV05. Recharge the vehicle battery in a controlled environment using the supplied battery charger, and record the recharge data.

If the vehicle fails to complete the required distance, follow the specifications in section B.4 before repeating the test once more.

B. Stop Conditions if Vehicle is Unable to Complete the Test

The maximum useable range of the vehicle is determined by vehicle gage indications specified by the manufacturer, or if no instructions are specified, by diminished vehicle performance such that the vehicle is no longer capable of safely operating with the flow of traffic. Typically, an electric vehicle will have two warning lights near the end of the vehicle's range. The first is usually a cautionary light at roughly 20 percent state of charge (SOC). This light is usually a reminder to the driver that the state of charge is low. The second warning usually comes on at about 10 to 15 percent SOC, and is an indication to charge immediately. A testing entity should use this second warning signal, as recommended by the manufacturer, to stop the range test, so that there is no chance to harm the traction battery by over-discharge. If within a mile or two of the test circuit starting position, and possible to drive it in slowly and conservatively, do so. If farther than that, the driver will stop the vehicle and have it transported in.

4. Acceleration Test

Upon successful completion of the Pomona Loop Range Test, follow the specifications in section 2.B.4 before beginning the acceleration test. The acceleration test will be performed on a surface street with a posted speed limit of 50 miles per hour or greater and in a manner that is compatible with the safe flow of traffic. Requirement: accelerate from zero (0) to fifty (50) miles per hour in ten (10) seconds or less. Upon completion of the acceleration test, record the state of charge and elapsed time in the “other comments” section of MSCD/AFV05.

5. Output

The manufacturer or testing entity will provide ARB with completed forms MSCD/AFV04 through 06. ARB will review the evaluation data and will provide the manufacturer with a pass/fail. All data collected will be shared with the vehicle manufacturer only and to others upon request only as required by law.

Zero-Emission Motorcycle Evaluation Procedure

FORMS AND DIAGRAMS

VEHICLE TEST EQUIPMENT AND NAMEPLATE DATA SHEET

Project/User Contact: _____ Test: _____
Date(s): _____ File Name(s): _____
Vehicle Number: _____ Technician: _____

VEHICLE

Manufacturer: _____ VIN: _____
Model: _____ Model Year: _____ Manufacture Date: _____
Mileage: _____
Motor Manufacturer: _____ Motor Type: _____
Motor Rating/Speed: _____
Version/Serial No.: _____
Controller Version/serial No.: _____
Battery Pack Type/Version/Serial No.: _____

TIRES

Tire Manufacturer: _____ Model: _____
Tire size: _____ Maximum Pressure: _____
Maximum Tire Load: _____ Treadwear Rating: _____

CHARGER

On-board / Off-board: _____ Manufacturer: _____
Model: _____ Serial Number: _____
Charger Type/Version: _____
EVSE Manufacturer: _____
EVSE Model/Version: _____ Serial Number: _____
EVSE Software Version: _____
Charge Port Manufacturer/Model/Version/SN: _____

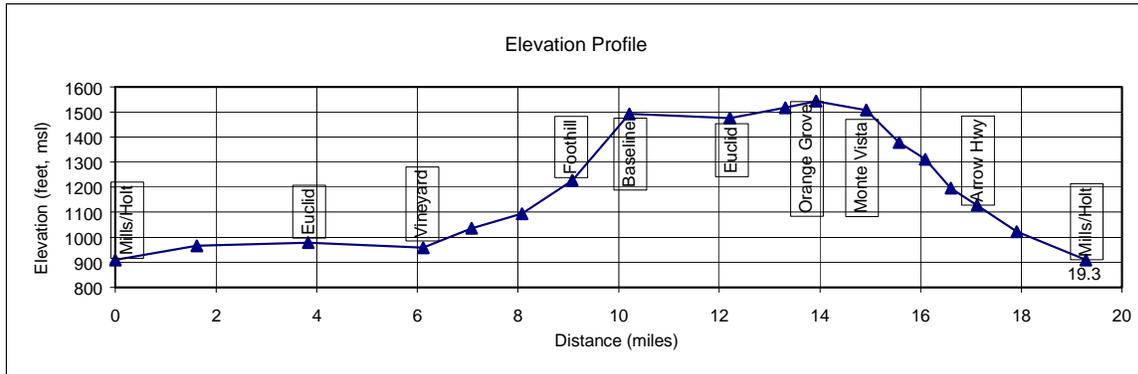
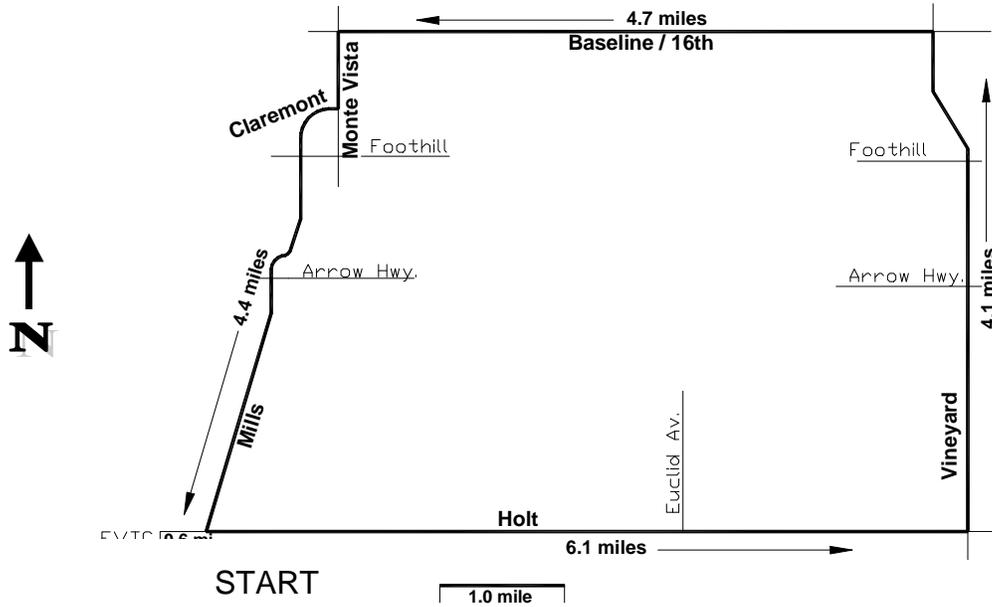
TEST EQUIPMENT (Describe make and model as applicable)

Power Profiler: _____
kWh Meter: _____
Thermometer: _____
Optical Meter Probe: _____
Laptop Computer: _____
Desktop Computer: _____
Stopwatch: _____
Digital multimeter: _____
Battery Cycler: _____
Sound Level Meter: _____
Measuring Wheel: _____
Other Equipment: _____

WEIGHT CERTIFICATION

Scale Location and Proprietor: _____
Examiner: _____ Date: _____
Notes: _____
Total Curb Weight: _____ lb

URBAN POMONA LOOP



Attachment D

Clean Vehicle Rebate Project Standard Operating Procedures

Procedures for Authorizing Resale of Rebated Vehicles

This document provides the necessary steps involved for the Grantee and the California Air Resources Board (ARB) to follow if notified of the resale of a Clean Vehicle Rebate Project (CVRP) rebated vehicle.

Step One: Notify the Grantee of Vehicle Resale Request

If ARB is notified of vehicle resale request, ARB will contact the Grantee with the applicant's email and contact information and a brief description of the request.

Step Two: The Grantee Document Vehicle Resale Request

Once notified by ARB or by a rebate recipient of interest in reselling a CVRP funded vehicle, the Grantee will document the case on a resale request form, which will then be provided to ARB:

1. Applicant contact information
2. Date when the individual applied for CVRP
3. Original rebate amount received
4. Vehicle Identification Number
5. Reason for vehicle resale
6. Status of vehicle resale
7. Prorated rebate amount using the formula below:

$$\left(\frac{\text{Original Rebate Amount}}{36 \text{ Months}} \right) \times (36 - \text{months since vehicle purchased or leased})$$

Step Three: ARB Review and Rule on Vehicle Resale Request

ARB program staff will review the resale request and any supporting documentation, and inform the Grantee of staff's decision within 10 working days.

Step Four: The Grantee Notifies Applicant of ARB Ruling

The Grantee will communicate ARB's decision to the individual requesting resale, including instructions for refunding the prorated amount of the rebate to the Grantee if the resale request is granted. Refunded rebates will be added back into the rebate funding pool.

Step Five: The Grantee Notifies ARB of Applicant Refund

Once the prorated rebate amount is refunded back to CVRP, the Grantee will inform ARB. Additionally, the Grantee will provide regular status reports until the refund is received.

Step Six: Coordination with Enforcement of CVRP Ownership Terms

ARB program staff is responsible for coordination with staff conducting periodic VIN checks of the DMV database for ownership compliance. Individuals that received resale approval from ARB will not be in violation of the CVRP ownership terms.

Procedures for Floor Model/Test Drive and Rollback/Unwind Vehicle Eligibility

This document provides the steps necessary for the Grantee and the California Air Resources Board (ARB) to manage Clean Vehicle Rebate Project (CVRP) rebate applications for floor model, test drive, rollback and unwind vehicles.

Step One: Definitions

Floor Model/Test Drive Vehicles

Floor model or test drive vehicles are provided by original equipment manufacturers to car dealerships for the purpose of test drives and other customer interactions. California dealerships may temporarily operate a floor model or test drive vehicle on public roads with “dealer” license plates for the purpose of test drives. Use of floor model or test drive vehicles on public roads with “dealer” license plates does not require vehicle registration with the California Department of Motor Vehicles (DMV).

Rollback/Unwind Vehicles

A rollback is a vehicle returned to a dealership shortly after being purchased and operated by a buyer. Rollbacks can occur if a buyer’s financing is rejected. An unwind occurs when an Application for Registration of New Vehicle is completed, but the sale of the vehicle was not consummated and the buyer never took delivery.

Step Two: Review of Vehicle Supporting Documents

The Grantee will review the supporting documents within the rebate application to ensure the application meets all program requirements. A California vehicle sales or lease contract will indicate if a vehicle is new or used.

2.1 Floor Model/Test Drive Documentation: Per the California DMV’s Vehicle Registration Procedures Manual, a new vehicle operated as a floor model or test drive vehicle (referred to as “demonstrator” vehicles by the California DMV) is classified to be a used vehicle when subsequently sold to a retail buyer. However, when sold to the retail buyer, floor model or test drive vehicles must be registered with the California DMV as a new vehicle through the use of the *Application for Registration of a New Vehicle* (California DMV Form 397). The sale or lease contract and the proof of temporary or permanent vehicle registration should reflect these DMV requirements.

2.2 Rollback/Unwind Documentation: Per the California’s DMV’s Vehicle Registration Procedures Manual, rollback and unwind vehicles occur when they have been registered by the original purchaser through the use of the Application for Registration of New Vehicle (California DMV Form 397). The Grantee requires documentation showing that the dealership is attesting to the fact that the car is either a rollback or unwind vehicle.

Step Three: Determining Vehicle Eligibility

Based on the supporting documents provided with the rebate application, the Grantee will determine whether the applicant is eligible for the CVRP rebate.

3.1 Floor Model/Test Drive Eligibility: A floor model or test drive vehicle which was not previously registered with the California DMV, and meets all other CVRP vehicle eligibility criteria, is eligible for the CVRP rebate. Per Section 2.3.1 of the CVRP Implementation Manual, a floor model or test drive vehicle which has previously been registered with the California DMV does not meet the CVRP vehicle eligibility criteria, thus is not eligible for the CVRP rebate.

3.2 Rollback/Unwind Eligibility: A rollback or unwind vehicle has previously been registered with the California DMV, however, the sale was never completed. The vehicle was either returned or never delivered due to financing issues. These vehicles' eligibility will be determined on a case by case basis after reviewing the supporting documentation.