Commercial EV Charging Station Rebate Program Overview

Electric Transportation Programs

January 17, 2024

Agenda

- Program Overview
- Requirements and Rebate Amounts
- Potential Changes
- Open Enrollment Funding
- Steps Required Before Applying
- How to Apply
- Additional Resources
- Q&A

Program Overview

Level 2 Chargers	• Supports installations in multifamily dwellings, shopping centers, and workplaces
DC Fast Chargers	• Supports fast charging in public areas and mixed-use buildings
Chargers for Medium- and Heavy-Duty Vehicles	• Supports the electrification and adoption of emerging medium- and heavy-duty EVs

Requirements and Rebate Amounts

Qualifying Charging Stations: Level 2

Level 2 Charging

- **Input voltage**: 208 V to 240 V
- **Output power**: Capable of 6.2 kW or more
- **Connector standard**: J1772 
- **Certification**: Certified and listed by a nationally recognized testing laboratory (NRTL), such as UL

Vehicle and Access Requirements

Vehicles: Charging stations used to charge light-duty, on-road, plug-in EVs

Access: Must be accessible to employees, customers, visitors or tenants (no public access requirement)

Level 2 Rebate Amounts and Space Requirements

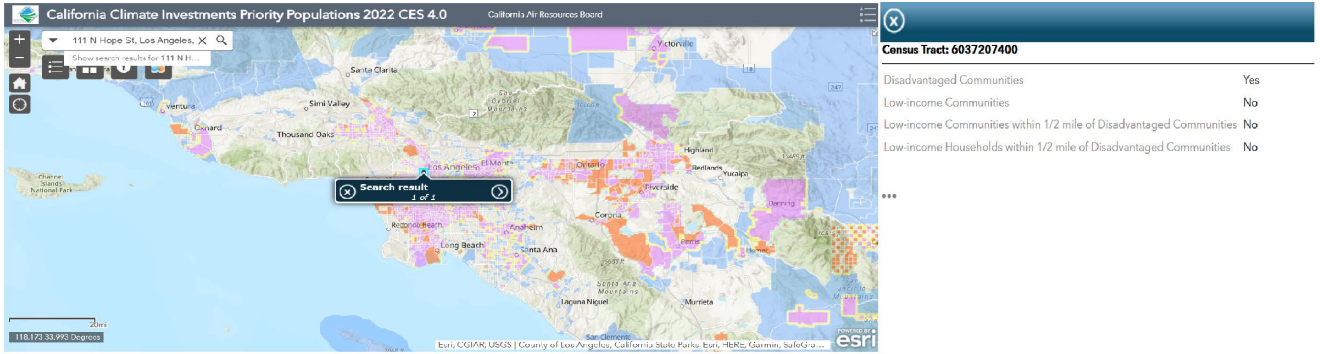
Level 2 Charging Stations	Max Rebate Amount Per Charging Station
Charging Stations – Located in DACs	$5,000
Charging Stations – Not Located in DACs	$4,000
Additional Level 2 Charge Ports	$500

Number of parking spaces	0 to 1	2 to 5	6 to 157	158 and above
Available Rebates per Site	0	1	1 for the first 2 parking spaces and 1 for each additional 4 parking spaces	40

How is DAC Eligibility Determined

Disadvantaged Communities:

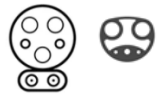
- Based on CalEPA's designation of a DAC using CalEnviroScreen 4.0 scores
- To determine if a premises is located in a DAC, customers may use: https://webmaps.arb.ca.gov/PriorityPopulations/



Qualifying Charging Stations: DCFC

Minimum guaranteed output per active connector: 50 kW

Eligible Connectors: CCS, Tesla; minimum 50% of connectors must be CCS



Certification: Certified and listed by a nationally recognized testing laboratory (NRTL)

Networking Requirement: All DCFC connectors rebated must be networked, via Wi-Fi, ethernet, or cellular and be connected to a back-end network for the duration of the required minimum in-service period (5 years)

DCFC Rebate Amounts and Access Requirements

DC Fast Chargers for Light-Duty EVs	Guaranteed Output (kW) per Active Connector	Max Rebate Amount Per Active Connector	Publicly Accessible Max per Site	Restricted Access Max per Site
Tier 1	50 to 149	$20,000	8	2
Tier 2	150 to 274	$55,000		
Tier 3	275+	$100,000		

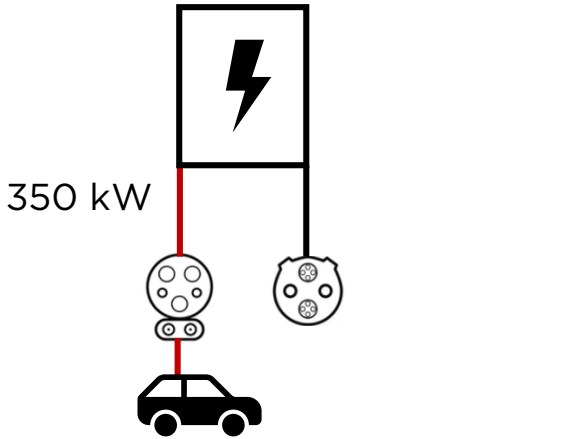
Vehicle and Access Requirements

Rebate Cap: Up to eight DCFC rebates per premises. Max two DCFC rebates may have restricted access to the public

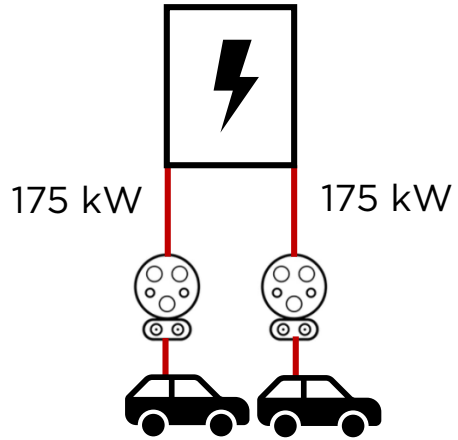
Public Access Definition: DCFCs are considered publicly accessible if available to the public at least 18 hours a day, seven days a week, excluding holidays

Active Connector Definition

An **active connector** is defined as the plug that connects a charging station to an EV and provides power to charge its battery. The **total number of active connectors** for each installation is equivalent to the maximum number of vehicles that can charge simultaneously. Equipment that has multiple connectors, but can only charge one vehicle at a time is considered to be one active connector. The **guaranteed output per active connector** is the kilowatt output of each active connector used to determine the project's rebate amount.



One Tier 3 Rebate
(275 kW+)



Two Tier 2 Rebates
(150-274 kW)

Qualifying Charging Stations: MDHD EVs

MDHD

Output power: 6.2 kW or more for AC charging stations and 24 kW or more for DC charging stations

- Up to $30,000 for AC charging stations
- Up to $125,000 for DC charging stations
- Max of $500,000 per site

Connector standard: No requirement

Certification: Certified/listed by NRTL or field tested with approval by LA Building and Safety Electrical Testing Laboratory (LADBS-ETL) or testing agency recognized by LADBS

Vehicle Requirements

Vehicles: Must be used to charge on-road, plug-in MDHD EVs:

- Class 3 to Class 8 Vehicles
- The vehicle(s) must be eligible for financial incentives by a government agency of the state of California
- Charging station owner and the vehicle owner/lessee may be different entities
- Proof of purchase/lease of one vehicle required for each charger rebate

Charging Stations for MDHD EVs Rebate

Charging Stations for Medium-and Heavy-Duty EVs	Output (kW)	Max Rebate Amount per Charging Station	Max Amount per Site
AC-1	6.2 to 49	$10,000	$500,000
AC-2	50 to 99	$20,000	
AC-3	100+	$30,000	
DC-1	24 to 49	$35,000	
DC-2	50 to 99	$60,000	
DC-3	100 to 149	$100,000	
DC-4	150+	$125,000	

General Installation Requirements

LADWP Service:

The program is open to all LADWP commercial customers operating a site (premises) with an active LADWP electric meter on a non-residential rate schedule.

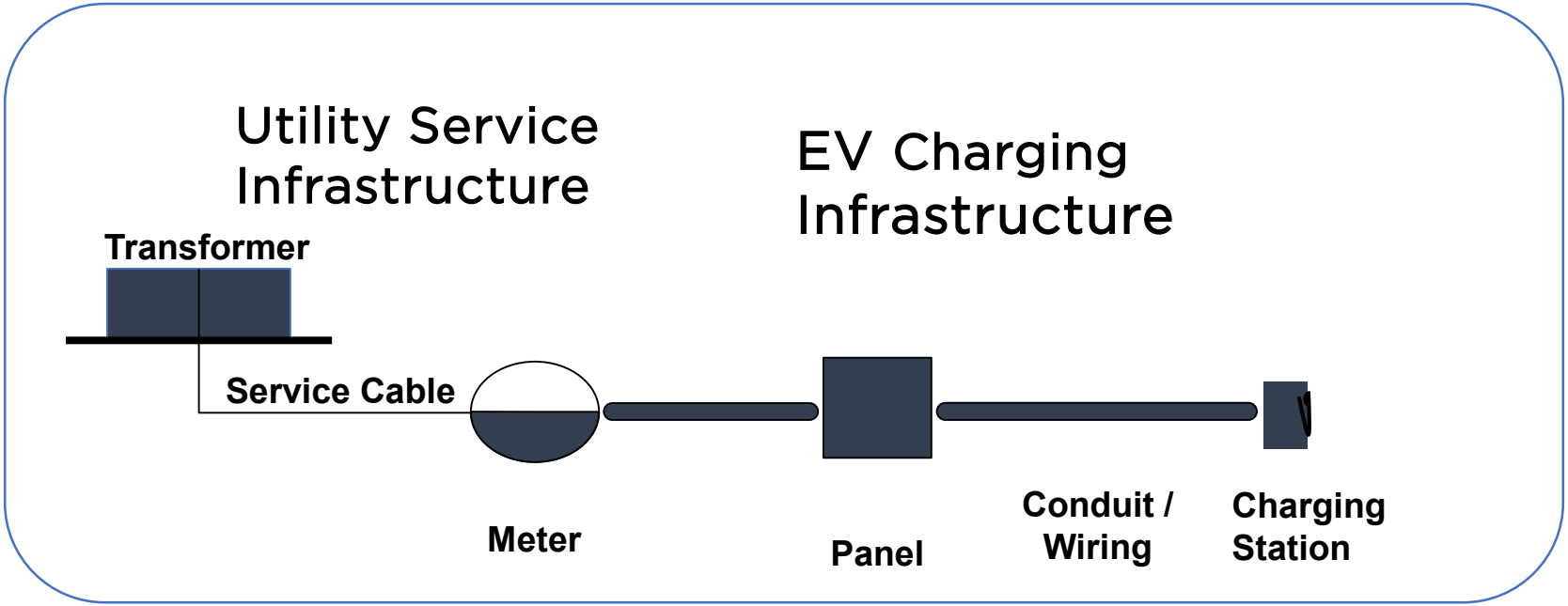
Installation Date:

All charging stations must be installed on or after June 1, 2022.

Minimum Service Period:

LADWP customers must agree to keep charging stations in service for a minimum of five years.

Commercial EV Program Eligible Costs



Eligible installation costs include hardware, labor, networking, and maintenance costs.

Potential Program Changes

Potential Program Changes

Current Installation Requirement: All qualifying charging station installations must meet two criteria: they must be installed with a minimum input voltage of 208 volts, and must maintain the minimum input current required by the equipment to be operational, regardless of any load management scenarios.

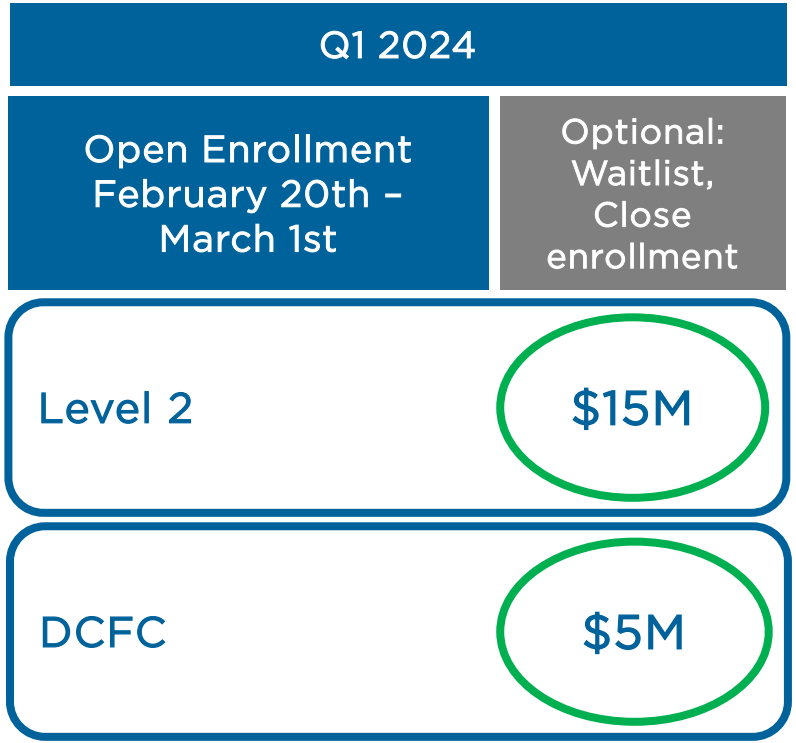
- **Operational:** Interpreted as 6A per IEC 61851 for Level 2 EV chargers 1248 Watts at 208V OR 1440 Watts at 240V

Potential Program Changes:

- **Revised Access Requirement:** Inspections may require granting access to test the EV charging installation
- **Load Management Inspection Requirements**: Applicants may be required to demonstrate load management capabilities
- **Rebate Limits per Premises:** Increase the rebate cap for level 2 EV chargers and decrease the number of parking spaces required to install level 2 EV chargers

Open Enrollment Funding

Funding Details



The MDHD program segment is open with $2.1M of available funding

Steps Required Before Applying

Steps Required Before Applying

Before applying: Level 2 charging stations

1. **Submit plans:** First, submit a complete Commercial EV Charging Station Customer Submittal Package to ensure that the utility infrastructure is sized for the incremental load resulting from your planned deployment.
2. You must receive an email from LADWP's EV Service Design Group confirming that LADWP has received a complete Customer Submittal Package.

Before applying: DCFCs and/or charging stations for MDHD EVs

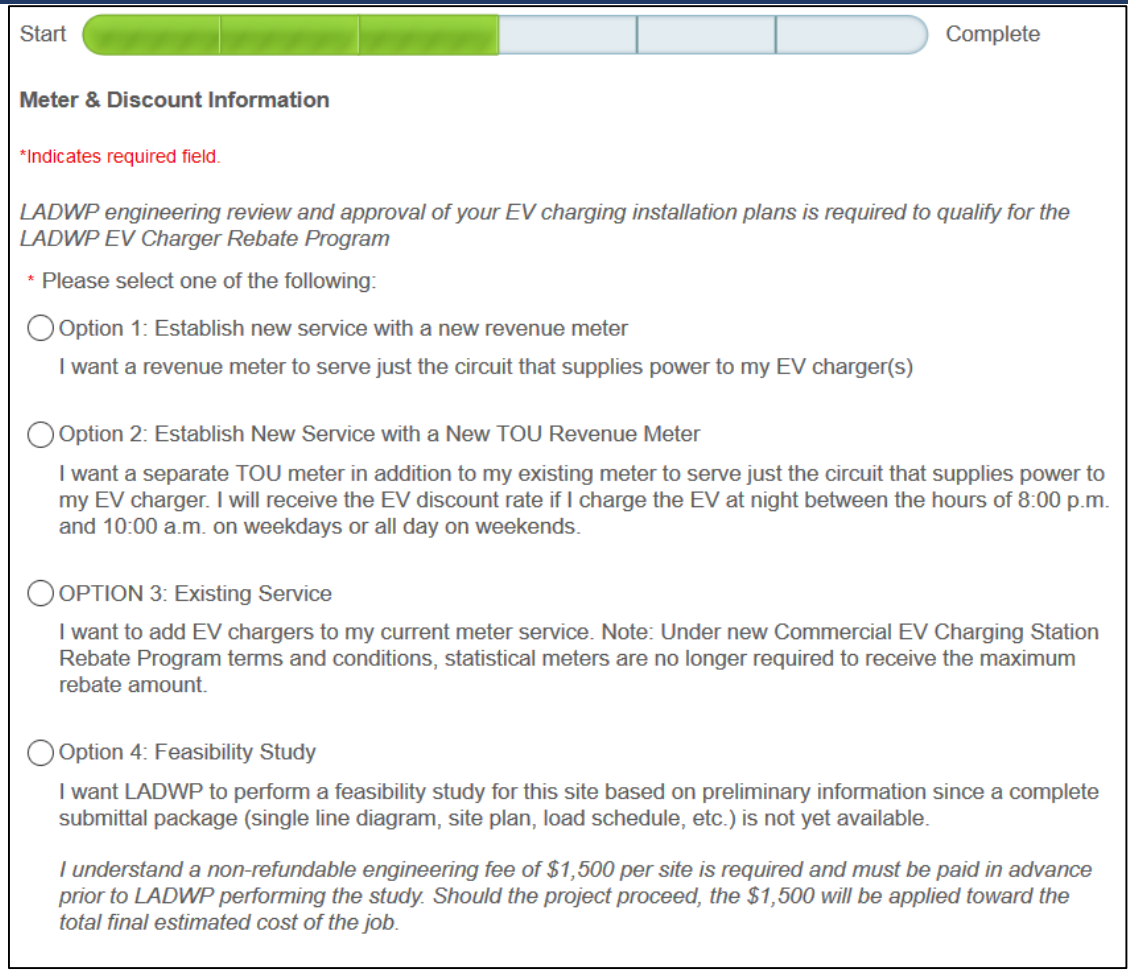
1. **Submit plans:** First, submit a complete Commercial EV Charging Station Customer Submittal Package or request and pay for a Feasibility Study.
2. You must receive an email from LADWP's EV Service Design Group confirming that LADWP has received a complete Customer Submittal Package OR receive an email confirming payment of a Feasibility Study.

Note: If you are applying for a project with both Level 2 charging stations and DCFCs, you must receive an email from LADWP's EV Service Design Group confirming that LADWP has received a complete Customer Submittal Package.

How to Submit your EV Service Request

Visit LADWP.com/EV
⇨ Charger Installation

LADWP encourages all interested customers to submit their request to the LADWP EV Service Design group as soon as possible.


Start Complete

Meter & Discount Information

*Indicates required field.

LADWP engineering review and approval of your EV charging installation plans is required to qualify for the LADWP EV Charger Rebate Program

* Please select one of the following:

◯ Option 1: Establish new service with a new revenue meter

I want a revenue meter to serve just the circuit that supplies power to my EV charger(s)

◯ Option 2: Establish New Service with a New TOU Revenue Meter

I want a separate TOU meter in addition to my existing meter to serve just the circuit that supplies power to my EV charger. I will receive the EV discount rate if I charge the EV at night between the hours of 8:00 p.m. and 10:00 a.m. on weekdays or all day on weekends.

◯ OPTION 3: Existing Service

I want to add EV chargers to my current meter service. Note: Under new Commercial EV Charging Station Rebate Program terms and conditions, statistical meters are no longer required to receive the maximum rebate amount.

◯ Option 4: Feasibility Study

I want LADWP to perform a feasibility study for this site based on preliminary information since a complete submittal package (single line diagram, site plan, load schedule, etc.) is not yet available.

I understand a non-refundable engineering fee of $1,500 per site is required and must be paid in advance prior to LADWP performing the study. Should the project proceed, the $1,500 will be applied toward the total final estimated cost of the job.

How to Apply

Overview of Rebate Reservation Process

Planning Process: Develop charging plans + submit to EV Service Design for review. Receive required email confirmation from EV Service Design

(Customer, Contractor, and LADWP)

Apply for Rebate Reservation: Apply for Rebate Reservation and submit required documents to LADWP Rebate team

(Customer and Contractor)

Design Review: LADWP performs technical review & provides approval

(LADWP EV Service Design)

Construction Phase: Deploy charging stations and related electrical equipment

(Contractor)

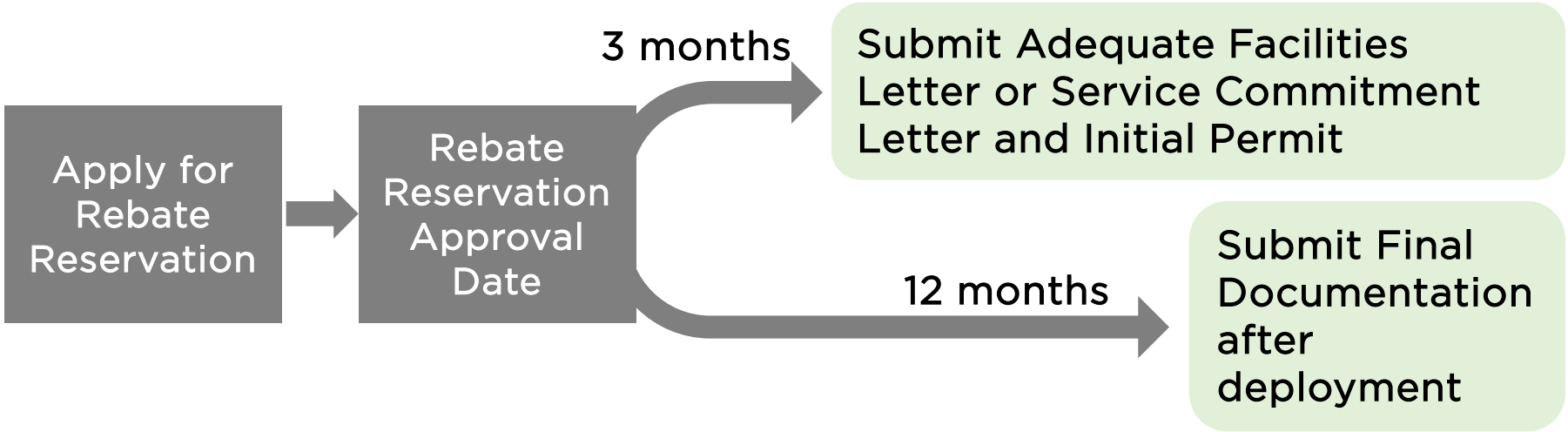
Apply for Rebate: Submit all required documents to LADWP Rebate team

(Customer and Contractor)

Receive Rebate

Note: The customer must meet all the program requirements to receive the rebate after receiving a rebate reservation.

Reservation Milestones



How to Apply

A rebate reservation is available to set aside funding for your rebate prior to the deployment of the charging stations as long as you meet the program's requirements. Alternatively, customers may apply to the program after completing deployment. Applications must be submitted electronically via LADWP.com/commercialEVrebate for customers applying to the Level 2 and DCFC program segments. The next open enrollment period is scheduled from **February 20, 2024 to March 1, 2024**. The LADWP account holder:

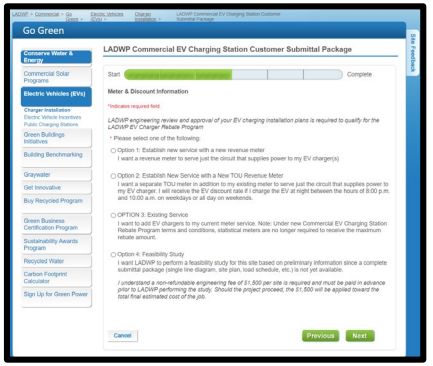
1. Registers for an LADWP account before the open enrollment period.
2. Gathers all required electronic attachments of all supporting documents. Legible electronic copies (PDFs) and photographs (JPEG/JPG files) are acceptable.
3. Logs in to access the new, electronic application between February 20, 2024 to March 1, 2024, and submits a complete application with the required attachments.

Note: Applications submitted during the open enrollment period receive the same level of priority.

How to Apply - Exceptions

PDF Application

A PDF version of the application will be available by request during open enrollment **only** for projects without existing electric service or if applying for charging stations to fuel medium- and heavy-duty vehicles. The request must be made to pluginla@ladwp.com before open enrollment closes at 4:00 p.m. on March 1, 2024 to be accepted within the open enrollment period. Please include the installation address and LADWP Work Request number in your email.



Technical Difficulties

If you are facing technical difficulties with the electronic application during open enrollment, customers must contact pluginla@ladwp.com with a screenshot of the error prior to 4:00 p.m. on March 1, 2024 to request assistance. Applicants may be given a PDF version of the application on a case-by-case basis. Any issues not reported before open enrollment closes will not be granted exceptions.

Information Needed during Application Part 1

General Information

1. **Contractor Details:** Contractor Profile Number (if provided by contractor)
   - Alternatively: Your primary contractor's name, email address, state license number, phone number, mailing address, and if you would like to include that contact in notifications regarding your application and its status
2. **Payment Details:** Name and email address of the payee if you are assigning payment to a third party and if you would like to include that in notifications regarding your application and its status
3. **Information about the installation:**
   - Whether you are applying for Completed Deployment or Reservation
     - If the charging stations are deployed: installation date
   - Whether the installation address is located in a Disadvantaged Community
   - Primary use of the charging station(s): Workplace, Fleet, Public, Building Residents, or Other (specify)
4. For 501(c)(3) LADWP customers, California Business Entity ID and Federal Tax ID if you would like to opt in for lottery prioritization
5. Third-party financial incentives received or anticipated to be received for the purchase and/or installation of the chargers rebated
6. An electronic copy of the completed Program Spreadsheet

Information Needed during Application Part 2

1. For Level 2 rebates:
    - Number of Level 2 Charging Stations
    - Total number of Level 2 Additional Ports
    - Total number of parking spaces available to employees, customers, visitors, or tenants
    - LADWP Work Request Number (assigned to you by LADWP's EV Service Design Group after submitting your electrical plans)
    - An electronic copy of the email confirmation of a complete Customer Submittal Package
2. For DCFC rebates:
    - Number of Tier 1 rebates (50 to 149 kW Output)
    - Number of Tier 2 rebates (150 to 274 kW)
    - Number of Tier 3 rebates (275 kW+)
    - Number of eligible active connectors with either public access or with restricted access.
        - Public Access (8 max.)
        - Restricted Access (2 max.)
    - LADWP Work Request Number (assigned to you by LADWP's EV Service Design Group after submitting your electrical plans or feasibility study request)
    - An electronic copy available of the email confirmation of a complete Customer Submittal Package OR payment receipt for a $1,500 Feasibility Study

Note, If you are applying for a project with both Level 2 charging stations and DCFCs, you must receive an email from LADWP's EV Service Design Group confirming that LADWP has received a complete Customer Submittal Package.

Information Needed during Application Part 3

For All Completed Deployments:

1. LADWP EV Service Design Approval (Adequate Facility Letter or Service Commitment Letter) issued by LADWP in connection with the deployment
2. Contracts with vendors and contractors supporting the deployment of charging stations, including name, address, and telephone number of the licensed contractor/company, installation address, installation date, itemized installation costs, and itemized EV charging station information that matches paid charging station invoice(s)
3. Itemized invoice(s) and proof of payment for charging stations and installation, including each of the following: purchase date, retailer name, address, and phone number, make, model number, and quantity of qualifying charging station(s)
4. Charging station specification sheet issued by the manufacturer for each charging station model shown in the Program Spreadsheet
5. Final permit issued by Los Angeles Department of Building and Safety (LADBS) or the Authority Having Jurisdiction (AHJ) with a “finaled” status demonstrating that you passed inspection
6. A photo, in color, of the device nameplate for each EV charger installed (including serial number, model number, manufacture date, and certification mark from a nationally recognized testing lab (NRTL)
7. A photo, in color, of the completed installation for every EV charger
8. A completed and signed W-9 form for the payee of the rebate

Tips for Submitting your Application

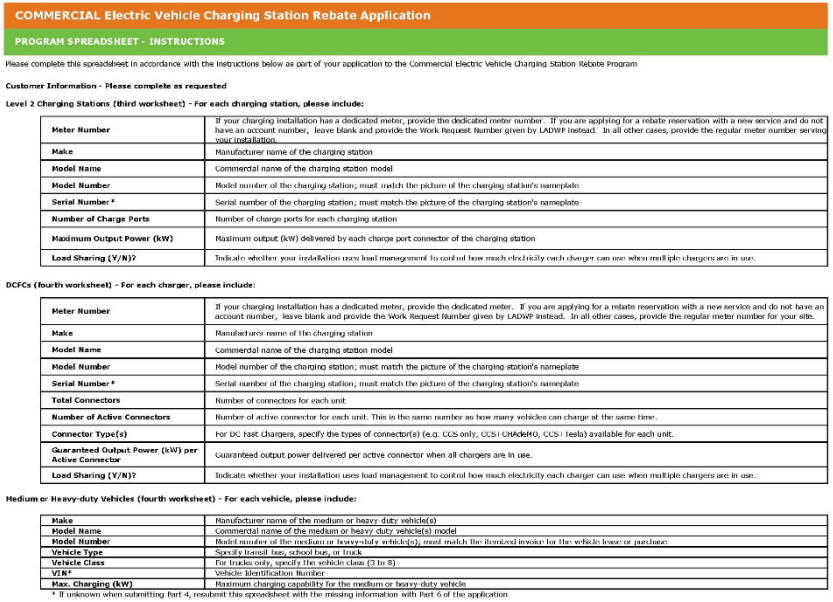
1. Have the contact information for the individual representing the commercial account holder in transactions with LADWP. This cannot be a third-party contractor or payee.
2. For customers with multiple accounts, ensure the meter serving your charger installation is under the account you apply under. Installations across multiple accounts require separate applications.
3. To upload the completed Program Spreadsheet, be sure that the file is saved as an XLSX (Excel Workbook). Note: CSV or other formats cannot be uploaded.
4. Acceptable file formats for all other uploads include JPG or JPEG images or PDF.
5. Be sure to reduce your file size. The maximum size per file is 10 MB
6. To avoid any errors while uploading your document, please ensure your file name is
    1. Short and concise
    2. Lowercase
    3. Does not contain any spaces. Instead, use hyphens (i.e. firstname-lastname)
    4. Does not contain special characters
7. Have all supporting documents scanned and ready to upload at the time of application, as your online session times out after thirty (30) minutes of inactivity. Ensure all file contents are clear and legible.
8. Keep a copy of the submission confirmation page and all documents submitted for your records.

Additional Resources

Rebate Processing Reminders

- Prompt and Responsive Communication
- Program Spreadsheets
- Permits
- Itemized Invoices
- Photographs
- Meter Rate Schedules

Program Spreadsheet



COMMERCIAL Electric Vehicle Charging Station Rebate Application

PROGRAM SPREADSHEET - INSTRUCTIONS

Please complete this spreadsheet in accordance with the instructions below as part of your application to the Commercial Electric Vehicle Charging Station Rebate Program

Customer Information - Please complete as requested

Level 2 Charging Stations (third worksheet) - For each charging station, please include:

Meter Number	If your charging installation has a dedicated meter, provide the dedicated meter number. If you are applying for a rebate reservation with a new service and do not have an account number, leave blank and provide the Work Request Number given by LADWP instead. In all other cases, provide the regular meter number serving your installation.
Make	Manufacturer name of the charging station
Model Name	Commercial name of the charging station model
Model Number	Model number of the charging station; must match the picture of the charging station's nameplate
Serial Number *	Serial number of the charging station; must match the picture of the charging station's nameplate
Number of Charge Ports	Number of charge ports for each charging station
Maximum Output Power (kW)	Maximum output (kW) delivered by each charge port connector of the charging station
Load Sharing (Y/N)?	Indicate whether your installation uses load management to control how much electricity each charger can use when multiple chargers are in use.

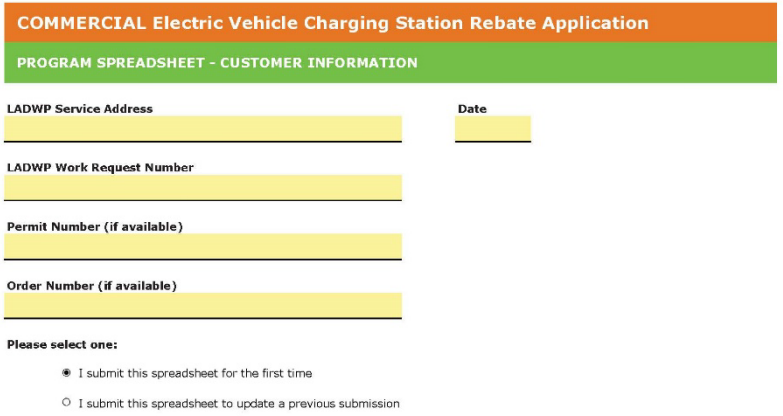
DCFCs (fourth worksheet) - For each charger, please include:

Meter Number	If your charging installation has a dedicated meter, provide the dedicated meter. If you are applying for a rebate reservation with a new service and do not have an account number, leave blank and provide the Work Request Number given by LADWP instead. In all other cases, provide the regular meter number for your site.
Make	Manufacturer name of the charging station
Model Name	Commercial name of the charging station model
Model Number	Model number of the charging station; must match the picture of the charging station's nameplate
Serial Number *	Serial number of the charging station; must match the picture of the charging station's nameplate
Total Connectors	Number of connectors for each unit
Number of Active Connectors	Number of active connector for each unit. This is the same number as how many vehicles can charge at the same time.
Connector Type(s)	For DC fast chargers, specify the types of connector(s) (e.g. CCS only, CCS1 CHAdeMO, CCS1 Tesla) available for each unit.
Guaranteed Output Power (kW) per Active Connector	Guaranteed output power delivered per active connector when all chargers are in use.
Load Sharing (Y/N)?	Indicate whether your installation uses load management to control how much electricity each charger can use when multiple chargers are in use.

Medium or Heavy-duty Vehicles (fourth worksheet) - For each vehicle, please include:

Make	Manufacturer name of the medium or heavy-duty vehicle(s)
Model Name	Commercial name of the medium or heavy-duty vehicle(s) model
Model Number	Model number of the medium or heavy-duty vehicle(s); must match the itemized invoice for the vehicle lease or purchase
Vehicle Type	Specify transit bus, school bus, or truck
Vehicle Class	For trucks only, specify the vehicle class (3 to 8)
VIN*	Vehicle Identification Number
Max. Charging (kW)	Maximum charging capability for the medium or heavy-duty vehicle

* If unknown when submitting Part 4, resubmit this spreadsheet with the missing information with Part 6 of the application



COMMERCIAL Electric Vehicle Charging Station Rebate Application

PROGRAM SPREADSHEET - CUSTOMER INFORMATION

LADWP Service Address

Date

LADWP Work Request Number

Permit Number (if available)

Order Number (if available)

Please select one:

- ◉ I submit this spreadsheet for the first time
- ○ I submit this spreadsheet to update a previous submission

Digital Workbook

- ✓ Instructions
- ✓ Customer Information
- ✓ Charging Station Information

Electrical Permit

LA DWP Los Angeles Department of Water & Power

COMMERCIAL EV CHARGING STATION SAMPLES

Commercial EV Charging Station Sample Permit

Permit and Inspection Report Detail https://www.ladbsservices2.lacity.org/OnlineServices/PermitReport/Pcis...

Los Angeles Department of Building and Safety

1 Certificate Information: 1234 MAIN ST 91111

Application / Permit 99999-99999-99999
Plan Check / Job No. --
Group Electrical
Type Electrical
Sub-Type Commercial
Primary Use 0
2 Work Description Install (40) 32 amp EV charging stations
Permit Issued 6/30/2020
Issuing Office
3 Current Status Permit Finaled on 10/9/2020

Permit Application Status History

Issued	6/30/2020	INTERNET PERMIT
Permit Finaled	10/9/2020	JOSEPH EIKENBERRY

Permit Application Clearance Information

No Data Available.

Contact Information

Contractor	A CHARGING STATION INSTALLER INC LIC No : 9999999	1234 ELECTRIC ST LOS ANGELES CA 90001

Inspector Information

JOSEPH EIKENBERRY, (213) 482-7105	Office Hours: 7:00-8:00 AM MON-FRI
RYAN GEORGE, (213) 482-7105	Office Hours: 7:00-8:00 AM MON-FRI
PANHNHAPUN YOU, (213) 482-7105	Office Hours: 7:00-8:00 AM MON-FRI

Pending Inspections

No Data Available.

Inspection Request History

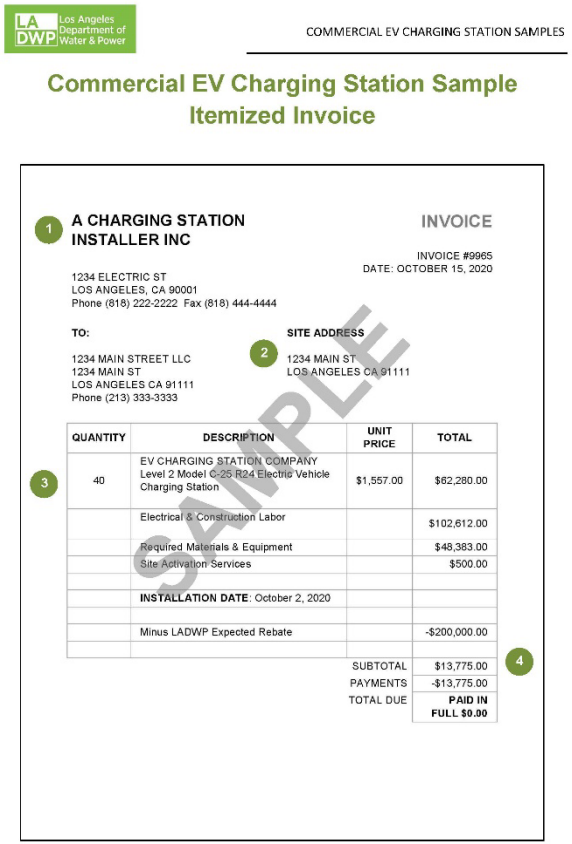
Service/Power Release	7/17/2020	Approved	JOSEPH EIKENBERRY
Final	10/9/2020	Permit Finaled	JOSEPH EIKENBERRY

SAMPLE

1 of 1

- ✓ Match Installation Address
- ✓ Specify Charging Station Installation
- ✓ Type: Electrical
- ✓ Status
  - Reservation: Issued
  - Completed Deployment: Finaled

Itemized Invoice



LA DWP Los Angeles Department of Water & Power

COMMERCIAL EV CHARGING STATION SAMPLES

Commercial EV Charging Station Sample
Itemized Invoice

1 **A CHARGING STATION INSTALLER INC**

INVOICE

INVOICE #9965
DATE: OCTOBER 15, 2020

1234 ELECTRIC ST
LOS ANGELES, CA 90001
Phone (818) 222-2222 Fax (818) 444-4444

TO:

1234 MAIN STREET LLC
1234 MAIN ST
LOS ANGELES CA 91111
Phone (213) 333-3333

2 **SITE ADDRESS**

1234 MAIN ST
LOS ANGELES CA 91111

SAMPLE

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
3 40	EV CHARGING STATION COMPANY Level 2 Model C-25 R24 Electric Vehicle Charging Station	$1,557.00	$62,280.00
	Electrical & Construction Labor		$102,612.00
	Required Materials & Equipment		$48,383.00
	Site Activation Services		$500.00
	INSTALLATION DATE: October 2, 2020		
	Minus LADWP Expected Rebate		-$200,000.00
		SUBTOTAL	$13,775.00
		PAYMENTS	-$13,775.00
		TOTAL DUE	**PAID IN FULL $0.00**

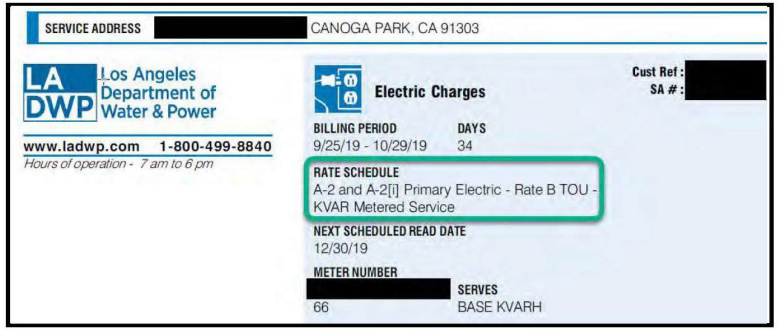
4

- ✓ Contractor's Information
- ✓ Installation Date & Address
- ✓ Exact Make, Model & Quantity
- ✓ Itemized Costs
- ✓ List Third-Party Financial Incentives
- ✓ Paid-in-Full or $0

Photographs

- ✓ Clear, Legible, & In Color
- ✓ Visible Nameplate Information
- ✓ Proof of Hardwired Installation
  - Visible Power Source
  - Charger's Light or Display

Meter Rate Schedule


SERVICE ADDRESS [redacted] CANOGA PARK, CA 91303

LA DWP Los Angeles Department of Water & Power

www.ladwp.com 1-800-499-8840

Hours of operation - 7 am to 6 pm

Electric Charges

Cust Ref : [redacted]
SA # :

BILLING PERIOD 9/25/19 - 10/29/19

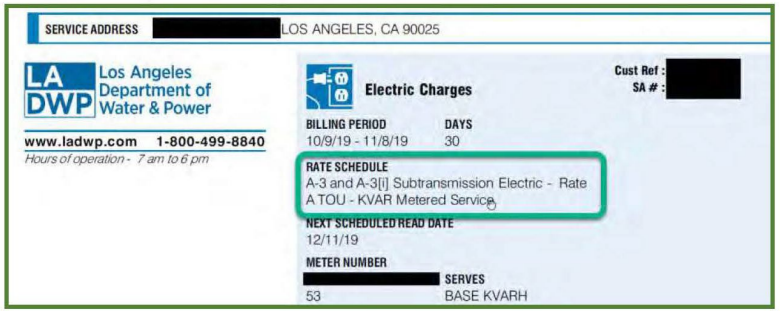
DAYS 34

RATE SCHEDULE
A-2 and A-2[i] Primary Electric - Rate B TOU - KVAR Metered Service

NEXT SCHEDULED READ DATE
12/30/19

METER NUMBER [redacted]

SERVES
66 BASE KVARH


SERVICE ADDRESS [redacted] LOS ANGELES, CA 90025

LA DWP Los Angeles Department of Water & Power

www.ladwp.com 1-800-499-8840

Hours of operation - 7 am to 6 pm

Electric Charges

Cust Ref : [redacted]
SA # :

BILLING PERIOD 10/9/19 - 11/8/19

DAYS 30

RATE SCHEDULE
A-3 and A-3[i] Subtransmission Electric - Rate A TOU - KVAR Metered Service

NEXT SCHEDULED READ DATE
12/11/19

METER NUMBER [redacted]

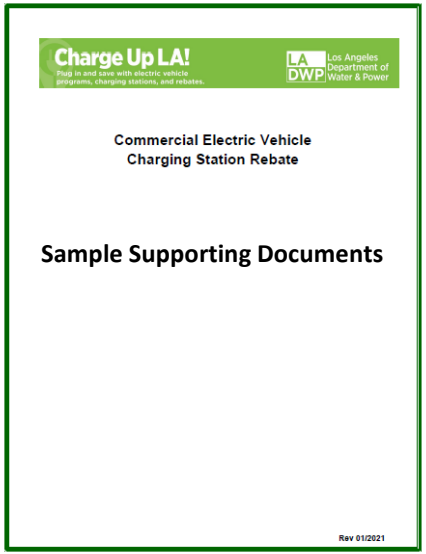
SERVES
53 BASE KVARH

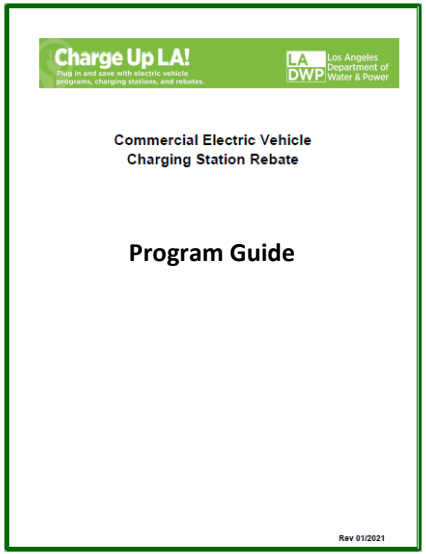
- ✓ Active
- ✓ Electric Load
- ✓ Non-Residential Rate

Additional Program Documents

Additional resources will be made available for customers to prepare their applications.

- Terms and Conditions
- Program Guide
- Program Spreadsheet
- Sample Supporting Documents
- Contractor Profile Form
- FAQs



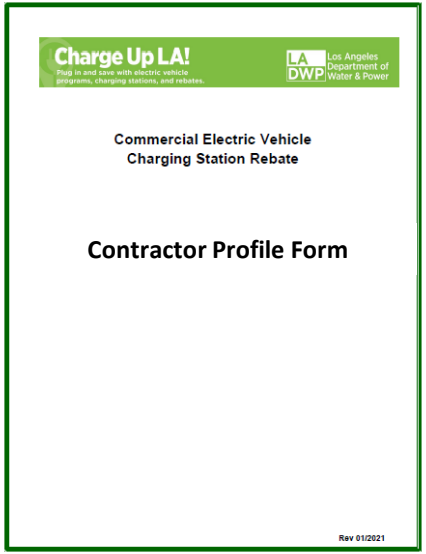


Contractor Profile Form

A Contractor Profile gives contractors the opportunity to simplify the application process for LADWP customers applying to the Program.

As a contractor, registering for a profile will ensure that LADWP has current contact information on file for your business. Registered contractors will be provided with an LADWP Contractor Profile Number that should be shared with clients to use in their application.

Obtaining a Contractor Profile Number is optional, but **highly recommended**. Contractors may contact pluginla@ladwp.com to obtain a form.



- Visit www.ladwp.com/commercialEVrebate for program information and future updates on the next open enrollment in June ‘24
- For any additional questions, please reach out to a program support specialist at: pluginla@ladwp.com or (866) 484-0433
- To sign up for an LADWP online account, visit www.ladwp.com and click the link New User? Register Now

Questions?