



# RIVERSIDE MUNICIPAL AIRPORT EV CHARGING HUB - GRANT MATCH USING LOW CARBON FUEL STANDARD FUNDS

## Riverside Public Utilities

Board of Public Utilities  
October 28, 2024

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## BACKGROUND

1. City Council authorized RPU to opt into the Low Carbon Fuel Standard (LCFS) Program in March 2018

### 2. Electrify Riverside

- a. California Clean Fuel Reward (CCFR) program\*
- b. Residential & public EV chargers and used EV rebates



# ELECTRIFY RIVERSIDE

### c. EV Charger Install at Public Facilities



\*\*CCFR is currently paused and is proposed to transition to a new program in 2025

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## ELECTRIFY RIVERSIDE FUNDING

### 1. EV Charger Install at Public Facilities

- a. Intended to provide City departments funding to install publicly available EV charging
- b. Departments encouraged to leverage other incentive programs and grants
- c. Initial funding: \$500,000



### 2. LCFS Reserve balance ~ \$4.3 million

### 3. New programs anticipated due to new regulatory requirements early next year

### 4. Sufficient funding is available to support larger projects



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## USDOT GRANT

### 1. USDOT Charging and Fueling Infrastructure Discretionary Grant Program (CFI Program)

- a. Competitive grant to strategically deploy EV charging and alternative fueling infrastructure
- b. Community Program: In places people live and work, urban and rural
- c. Corridor Program: Along designated Alternative Fuel Corridors

### 2. Bipartisan Infrastructure Law provides \$2.5 billion over five years for this program



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## RIVERSIDE AIRPORT EV CHARGING HUB

### One of the largest EV charging hubs in the region



1. Area is underserved by publicly accessible EV chargers



2. 24-hour public access in the main public parking area

3. 24 EV charging stations – 14 Level 2 and 10 Level 3 DC Fast Charge with dual port availability



4. Will accommodate passenger and medium/heavy-duty charging

5. Solar carports and a battery system to manage charging load and provide for site lighting



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## PROJECT BUDGET

### 1. Total project budget \$5,009,034

- Equipment, construction, and installation of the chargers, solar PV system with batteries, and necessary grid improvements
- DOT CFI grant request \$4,007,277 requires 20% match

### 2. Proposal for Board Consideration - Utilize EV Charger Install at Public Facilities program for the full grant match of \$1,001,807

- Match requirement exceeds current program funding
- Requires a supplemental appropriation from the LCFS Reserve

### 3. LCFS Reserve Balance sufficient to cover the full requested grant match and retain the current \$500,000 for additional projects



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## LCFS FUNDING FOR THE GRANT MATCH

The Charging Hub meets regulatory & Electrify Riverside Program requirements and intent



1. Will provide safe and convent charging to the public
2. Will support City and regional DACs
3. Will leverage other program funds to create a larger impact

RPU staff will work with the Airport/General Services to ensure expenditure of LCFS funds meets regulatory requirements and will file all required reporting on use of LCFS funds



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## STRATEGIC PLAN ALIGNMENT



### Strategic Priority No. 4 – Environmental Stewardship

Goal 4.6 – Implement the requisite measures to achieve citywide carbon neutrality no later than 2040



### Strategic Priority No. 6 – Infrastructure, Mobility and Connectivity

Goal 6.3 – Identify and pursue new and unique funding opportunities to develop, operate, maintain, and renew infrastructure and programs that meet the community's needs

### Cross-Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency

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## RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. With at least five affirmative votes, authorize a supplemental appropriation in the amount of \$1,001,807 from the Electric Fund Low Carbon Fuel Reserve Account and appropriate expenditures to the EV Charger Install at Public Facilities Account; and
2. With at least five affirmative votes, upon grant award, authorize the Chief Financial Officer, or designee, to record a transfer from the Electric Fund EV Charger Install at Public Facilities account to the Grants & Restricted Programs Fund, Airport Charger Hub Project in the amount of \$1,001,807.



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