



Office of the City Manager

CONSENT CALENDAR
October 7, 2014

To: Honorable Mayor and Members of the City Council
From:  Christine Daniel, City Manager
Submitted by: Eric Angstadt, Director, Planning and Development Department
Subject: Grant Agreement: The 11th Hour Project to Support the Residential Curbside Electric Vehicle Charging Pilot

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to execute a contract and any amendments with The 11th Hour Project, a program of the Schmidt Family Foundation, to accept a grant for a one-year period from about November 1, 2014, to October 31, 2015, for approximately \$99,475, with no local match requirement, to support a City of Berkeley Residential Curbside Electric Vehicle Charging Pilot.

FISCAL IMPACTS OF RECOMMENDATION

The 11th Hour Project, a program of the Schmidt Family Foundation, has offered to award the City \$99,475 over a one year period to support the Residential Curbside Electric Vehicle (EV) Charging Pilot authorized by City Council on July 1, 2014. The funds will be used to provide financial incentives for up to 25 Pilot applicants through waived or reduced application fees, will provide funds toward the installation of up to 3 accessible charging stations available to the public, and will support staff time and material costs to create guidance documentation, perform neighborhood outreach, and analyze and document Pilot findings for distribution. A budget for these revenues will be established in the FUNDS system under revenue code 421-8308-331.80-99-15PD01 as a one-time grant.

These funds will provide support, and are likely to increase initial applicant interest and participation, for the first year of the three-year Residential Curbside EV Charging Pilot launching by early November.

The contract has been set up in the City Contract Management System with CMS No. RXAJL.

CURRENT SITUATION AND ITS EFFECTS

The 11th Hour Project, a working program of the Schmidt Family Foundation in Palo Alto, California, decided to focus their annual Climate & Energy program on electric vehicle adoption this year asking, "What is the best way to encourage vehicle adoption in urban areas?" Out of a pool of over 100 applicants, The 11th Hour Project selected a handful of projects to support, including the City's Residential Curbside EV Charging Pilot. The Pilot establishes a procedure for allowing Berkeley residents that lack off-street EV charging options at home to install residential curbside EV chargers (at their

own expense). Installation of these chargers would not create any privilege or priority for use of the curbside parking by residents or EV users, and would not alter any existing parking restrictions such as Residential Preferential Parking, but has been recognized by The 11th Hour Project as a potential solution for allowing “garage-less” EV drivers to charge their vehicles at home. Research shows that among current EV drivers, about 80% of their charging occurs at home; lacking the ability to charge at home creates a barrier to EV adoption.

As an awardee of The 11th Hour Project funds, the City of Berkeley will be able to enhance the Residential Curbside EV Charging Pilot by providing:

- Minor encroachment permit fees for up to 25 applicants in the first year of the Pilot,
- Funding towards installation of ramps and other accessibility features for up to 3 applicants that elect to make their EV chargers available to the public,
- Increased neighborhood outreach and guidance materials about the Pilot, and
- Better analysis, documentation, and distribution of the Pilot evaluation so that it can serve as a model for other communities.

BACKGROUND

On July, 1, 2014, City Council adopted a resolution authorizing the City Manager to establish a pilot program allowing residential curbside EV charging stations in the Public Right-of-Way under specified conditions. The fiscal impacts of that resolution included staff costs associated with implementation of the Pilot, review of applications, and review of the Pilot on completion to determine a long-term policy. This funding from The 11th Hour Program will support staff time, allowing for an enhancement of these activities. It will also reduce the costs for residents participating in the Pilot.

ENVIRONMENTAL SUSTAINABILITY

This grant from The 11th Hour Program to support the Residential Curbside Electric Vehicle Charging Pilot makes it more feasible for Berkeley residents to buy/lease EVs. It supports Berkeley’s Climate Action Plan’s Policy TLU.8.a of creating incentives for high-efficiency vehicles. In this region, EVs produce only about 30% of the greenhouse gas emissions of their conventional combustion engine counterparts and eliminate toxic air pollution from the vehicle tailpipes.

RATIONALE FOR RECOMMENDATION

This grant will support the Climate Action Plan and General Plan goals of encouraging the use of EVs that reduce the air quality impacts of the automobile. It will enhance the Residential Curbside Electric Vehicle Charging Pilot authorized by City Council.

ALTERNATIVE ACTIONS CONSIDERED

There were no alternative actions considered.

CONTACT PERSON

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Attachments:
1: Resolution

RESOLUTION NO. ##,###-N.S.

GRANT AGREEMENT: THE 11TH HOUR PROJECT TO SUPPORT THE
RESIDENTIAL CURBSIDE ELECTRIC VEHICLE CHARGING PILOT

WHEREAS, the City of Berkeley's Climate Action Plan has a goal of encouraging the use of low-carbon vehicles and fuels as a means of reducing the greenhouse gas emissions created by transportation; and

WHEREAS, regionally and locally, the number of Electric Vehicle drivers continues to climb; and based on state rebates issued for EVs through the Clean Vehicle Rebate Project, the number of EVs registered in Berkeley has increased by 130% over the last year, to about 470 vehicles; and

WHEREAS, approximately 80% of EV charging currently occurs at home and lacking the ability to charge at home creates a barrier to EV adoption; and

WHEREAS, City Council adopted a resolution on July 1, 2014, authorizing the City Manager to establish a pilot program allowing residential curbside EV charging stations in the Public-Right-of-Way under specified conditions; and

WHEREAS, The 11th Hour Project awarded the City of Berkeley a grant to support implementation of the City's Residential Curbside Electric Vehicle Charging Pilot; and

WHEREAS, the agreement has been entered into the City's contract database, CMS No. RXAJL. A budget for these revenues will be established in the FUNDS\$ system under revenue code 421-8308-331.80-99-15PD01 as a one-time grant.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to execute a contract and any amendments with The 11th Hour Project, a program of the Schmidt Family Foundation, to accept a grant for a one-year period from about November 1, 2014, to October 31, 2015, for approximately \$99,475, with no local match requirement, to support a City of Berkeley Residential Curbside Electric Vehicle Charging Pilot.