

Local Government Match Program FY 2017/18

ML18052
City of Garden Grove
“Clean Fleet: Purchase of Electric Vehicles and
Charging Station”

Final Report
October 31, 2019

Prepared for the Mobile Source Air Pollution Review Committee (MSRC)
Under the AB 2766 Discretionary Fund Work Program

This report was submitted in fulfillment of ML18052 and "Clean Fleet: Purchase of Electric Vehicles and Charging Station" by City of Garden Grove under the sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work completed as of October 31, 2019.

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (SCAQMD). The mention of commercial products, their sources or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

Summary and Conclusions

1. Scope, Purpose, & Background

In 2018, Garden Grove City Council accepted the MSRC grant awarded funds of \$63,600 towards the purchase of four (4) zero emission vehicles and two (2) electric vehicle charging stations that will have a total of four charging ports. The (4) electric vehicles are in service. Employees have been trained on their use, as well as use of the charging stations. Staff installed the signage and re-stripped the parking lot to reflect the reserved spots for those vehicles.

2. Description & Analysis

In November 2018, City Council approved the award of purchase for (4) Chevy Electric Vehicles from National Auto Fleet Group that cost a total of \$153,501.16. The Chevy Electric Vehicles came into service in March/April 2019. In January 2019, a contract was awarded to 5th Avenue Energy for the purchase of two (2) electric vehicle charging stations with a total of four charging ports. The electric vehicle charging stations became fully operational end of February 2019. These stations cost a total of \$12,328.57.

The establishment of an Electric Vehicle (EV) infrastructure will help achieve the City's General Plan to improve local air quality.

3. Future Actions

Staff to evaluate the initial development of the Electric Vehicle (EV) infrastructure network. The City will continue its efforts to budget and find funding for these replacements and make future plans to strategically expand network of EV charging stations. The expansion depends on the electrical capacity, readiness of building, parking space availability for charging stations, employee demand and available funding.

4. Outreach

Staff executed an outreach plan aimed at promoting MSRC's program and the use of electric vehicles. The City published articles in the "City Works" newsletter, which is mailed to Garden Grove residents via a water bill insert. Furthermore, the City's website also featured information regarding the grant. Staff also promoted the program on Facebook, along with displaying information at the City's Public Counter and at the City's Annual Compost Giveaway Event.

Contract No. ML18052
City of Garden Grove

Public Outreach Plan

The City of Garden Grove will provide outreach to the public regarding the acquisition of MSRC co-funded vehicles. All draft publications, press releases, and posters will be e-mailed to Matt Mackenzie for MSRC approval prior to release. Copies and pictures of all outreach will be included in the Final Report.

"City Works" Newsletter

Staff will include public outreach in the City's bi-monthly newsletter sent in conjunction with the water bills. Over 25,000 newsletters are sent out to residences in Garden Grove. The newsletter is also made available at the information counters of City Hall and Public Works Municipal Services Center. The newsletter is scheduled to be mailed in September 2019.

City's Public Counters

The newsletter is also made available at the information counters of City Hall and Public Works Municipal Services Center.

Garden Grove Facebook/Website <https://ggcity.org/>

The City of Garden Grove will make information available on the City's internet website and the City's Facebook page. Information will be made available November August 2019.

Community Event

The City of Garden Grove will create a flyers with pictures of the vehicles and information regarding the MSRC award at the following community event:

Garden Grove Compost Giveaway
April 2019; attended by over 200 people

CityWorks

THE CITY OF
Garden Grove
JULY - AUGUST
2019

EXTREME HEAT PROMPTS COOLING CENTER

The City's H. Louis Lake Senior Center serves as a public cooling center on extreme heat summer days when temperatures are forecast to reach 95 degrees Fahrenheit and above.

All ages are welcome to enjoy the center's air-conditioned accommodations during extremely hot weather. For more information, please call the Senior Center at (714) 741-5253.



CITY RECEIVES \$60K GRANT FOR ALTERNATIVE FUEL VEHICLES

In 2018, the City was awarded a total of \$60,000 from a program funded by the Mobile Source Air Pollution Reduction Review Committee (MSRC) for the purchase of four zero-emission vehicles and two electric vehicle charging stations. The City makes it a priority to regularly seek out and apply for grant funding to help support City services and provide a high quality-of-life for Garden Grove residents. For more information, visit ggcity.org/pw





BEST HIGH SCHOOLS IN U.S. RIGHT HERE IN GARDEN GROVE

All seven of Garden Grove Unified School District's (GGUSD) comprehensive high schools earned a spot on the U.S. News and World Report's elite rankings of America's Best High Schools in 2019.

Compared to other Orange County school districts, GGUSD has the most schools on the elite list.

For full details,
visit www.ggusd.us/news



JOIN THE 2020 CENSUS TEAM

The next decennial census is just around the corner in 2020. Join the Census team. Apply online!

2020 Census jobs provide
Great pay
Flexible hours
Weekly pay
Paid training

To learn about the
upcoming census, visit
2020census.gov

United States®
**Census
2020**

HOME2 SUITES COMING NEXT YEAR

A groundbreaking ceremony was recently held for Home2 Suites by Hilton, a 124-room, 5-story hotel, on Harbor Boulevard, just south of the 22 Freeway.

The grand opening is anticipated for 2021.

Visit ggcity.org
for more information.



Garden Grove Kia has relocated to 13731 Harbor Boulevard.
Visit ggkia.com for new and pre-owned vehicles.



Connecting seven Orange County cities for the first time to reimagine Beach Boulevard. Meet us on Beach by foot or on wheels to discover these communities with fresh eyes, and enjoy a day filled with free active fun for the whole family!

**NOV 17
BEACH BLVD**

MEETONBEACH.COM



COYOTE SAFETY & PREVENTION

Report sightings at:
(714) 741-5286
Visit ggcity.org/animal-care/coyotes



GARDEN GROVE

(714) 741-5000 • GGCITY.ORG

City Receives \$60K Grant For Alternative Fuel Vehicles



Keeping the environment clean and healthy often comes with a hefty price tag. That's why the City makes it a priority to regularly seek out and apply for grant funding to help cover the

cost of doing its part for Mother Earth. In 2018, the City applied and was awarded a total of \$60,000 from the Local Government Match Program of the Clean Transportation Funding, from the Mobile Source Air Pollution Reduction Review Committee (MSRC) for the purchase of four (4) zero emission vehicles and two (2) electric vehicle charging stations that will have a total of four charging ports. These new vehicles will be used to support City Services. The program is funded by the MSRC, whose mission is to fund projects that reduce air pollution from motor vehicles within the South Coast Air Quality Management District in Southern California.



Consumer Tips for Saving Fuel



Vehicle maintenance:

- **Keep your vehicle well maintained with regular servicing**
- **Inflate tires to the maximum recommended pressure – this can improve gas mileage by as much as 6%**
- **Reduce extra weight by cleaning out trunk or truck bed – every 200 pounds of unnecessary weight shaves one mile per gallon off your fuel mileage**
- **Use the recommended grade of motor oil**
- **Use the right grade of gas – don't use premium blends unless your car requires them**
- **Don't top off**

Drive differently:

- **Accelerate gradually**
- **Avoid sudden braking**
- **Don't speed – gas mileage declines rapidly above 60mph, each 5mph above 60mph is like paying an additional 10 cents per gallon**
- **Maintain steady speeds - take advantage of the cruise control**
- **Minimize the amount of time your vehicle idles**
- **Combine trips; avoid peak rush hours**
- **Use the air conditioner conservatively – operating an air conditioner in hot weather can increase fuel usage by 20%; however, when on the freeway, close your windows and use the A/C. Having windows open at high speeds reduces your vehicle's operating efficiency**
- **Avoid carrying items on your vehicle's roof**

Long-term investments in fuel economy:

- **Trade in older vehicles for something new**
- **Purchase a fuel-efficient vehicle**

DO YOUR PART IN KEEPING OUR AIR CLEAN!