

2015 Local Government Match Program

Final Report



Contract #ML16063

Purchase 1 Heavy Duty CNG Low Floor Cutaway Bus

City of Glendora

7/15/16

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

Acknowledgements

Justine Garcia, Transportation Programs Analyst for the City of Glendora, Transportation Division took the lead on requesting and purchasing the new CNG vehicle for Glendora's Transportation fleet. She worked with Kelly Mills at A to Z Bus Sales, who was extremely helpful in making sure that all vehicle options needed were obtained and followed up frequently to make sure the vehicle was serving the community well.

This report was submitted in fulfillment of Contract #MS10021 and Purchase 1 Heavy Duty CNG Low Floor Cutaway Bus by the City of Glendora under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of July 15, 2016.

Disclaimer

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) of the South Coast Air Quality Management District (SCAQMD). The mention of commercial products, their sources or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

Project Description & Work Performed

The purpose of this project was to increase the City of Glendora's alternative fuel fleet through the purchase of a new 18 passenger CNG cutaway bus. The vehicle was purchased from A to Z Bus Sales through the CalAct/MBTA Vehicle Purchasing Cooperative. The vehicle was ordered and purchased by Justine Garcia through the City's purchase order process.

This vehicle was put into service on 4/4/16 and serves as a Gold Line shuttle in the am/pm commute hours providing transportation from the Glendora Park and Ride lot to the newly opened Downtown Azusa Gold Line station. It also provides shuttle service during midday hours from locations near schools to the Glendora Library and Teen & Family Center. This vehicle will serve the community as a whole and will continue the effort in converting the transportation fleet to alternative fuel.

Emissions Benefits

The implementation of the CNG bus has helped with the implementation of the new Gold Line shuttle service which aims to reduce vehicle trips to public transit stations. Early data shows that the shuttle has reduced approximately 58 one way trips per day so far which is estimated to reduce approximately 60,000 drive miles annually.

Emissions Reductions: (Calculations completed using table from FY14-15 AB2766 Report)

ROG: 53 lbs/ year
NOx: 3 lbs/year
PM2.5: -6 lbs/year
CO/7: 49 lbs/year
Total Emissions Reductions: 99 lbs/year

Photographs & Outreach

Justine Garcia worked with Sam Emerson of the Better World Group to send out a press release to media outlets to notify them of Glendora's continuing effort to support environmentally conscious transit operations. Press release was sent to Glendora City News, LA Car, Green Fleet and Fleets & Fuels, per recommendation from the Better World Group.



Summary and Conclusions

This project was very straightforward and did not suffer any setbacks. Since the vehicle was purchased through the CalAct/MBTA Cooperative the process was very streamlined and easy. The CNG vehicle has allowed the City to continue its efforts to be sustainable and environmentally conscious and to provide a way for our residents to take public transportation as an alternative to driving alone.