

AB 2766 DISCRETIONARY FUND CONTRACTS

Final Report



Contract #MS10021

AB2766/MSRC Advanced Technology Heavy-Duty Alternative Fuel Engine Program
Purchase 1 H.D. CNG Vehicle

City of Glendora

3/5/14

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

Acknowledgements

Cynthia Griffith, Contract/Program Analyst for the City of Glendora, Transportation Division took the lead on requesting and purchasing the new CNG vehicle for the Mini Bus fleet. She worked with Creative Bus Sales to make sure that all vehicle options needed were obtained and followed through with the Purchase Order process to place the order for the vehicle.

This report was submitted in fulfillment of Contract #MS10021 and Purchase 1 H.D CNG Vehicle by the City of Glendora under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of October 29, 2011.

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

This purpose of this project was to purchase a new 22 passenger CNG cutaway to add to the City of Glendora's Mini Bus fleet. The vehicle was purchased from Creative Bus Sales through the CalAct/MBTA Vehicle Purchasing Cooperative. The vehicle was ordered and purchased by Cynthia Griffith through the City's purchase order process.

This vehicle was put in to service on 10/29/11 and serves as a Metrolink shuttle in the am/pm commute hours and provides transportation from the Glendora Park and Ride lot to the Covina Metrolink station. It also provides shuttle service midday from two different schools to the Glendora Teen Center. It has been a vital part of the Glendora Mini Bus operation.

Problems Encountered

In May of 2012 the ECM failed which prompted Creative Bus Sales to come out to do re-programming. In August of 2012 the catalytic converter failed and the bus was taken to the Ford dealer for repair. Other than these initial issues there have not been any problems with the vehicle.

Emissions Benefits

The implementation of the CNG bus has helped with Metrolink shuttle service which aims to reduce vehicle trips to the Covina Metrolink station. The shuttle has reduced approximately 39 one way trips per day and 33,000 annual miles.

Emissions Reductions: (taken from AB2766 fy12-13 report)

ROG:	11 lbs/ year
NOx:	8 lbs/year
PM2.5:	-3 lbs/year
CO/7:	-32 lbs/year
Total Emissions Reductions:	-17 lbs/year

Photographs & Outreach

No publications or clippings generated.



Summary and Conclusions

This project was very straightforward and did not suffer any major setbacks. Since the vehicle was purchased through the CalAct/MBTA Cooperative the process was very streamlined and easy. The CNG 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.