



CALIFORNIA
NATURAL GAS VEHICLE
PARTNERSHIP



Natural Gas Fleet Case Study



MDB Transportation & AJR Trucking Inc.

MDB Transportation has more than 20 years of experience hauling freight to and from the Ports of Los Angeles and Long Beach. AJR Trucking has more than 30 years of experience hauling mail for the United States Postal Service (USPS).

The sister companies are committed to sustainable transportation, demonstrated by their switch from diesel trucks to a fleet of Kenworth T680 trucks with Cummins Westport ISX12N near-zero natural gas engines in 2018. These advanced natural gas trucks are 90% cleaner than the U.S. EPA's current heavy-duty NOx emission standard and have tailpipe NOx emissions that are comparable to the amount of NOx emitted to produce electricity used to charge a similar heavy-duty battery-electric truck.

To reduce greenhouse gas emissions, the companies built a fueling station in Compton, California, that dispenses renewable natural gas produced from organic waste streams. The station, which features four fast-fueling lanes and 10 time-fill pumps, services both MDB Transportation and AJR Trucking and will be open to the public to fuel natural gas trucks that frequent the Alameda corridor and the Ports of Los Angeles and Long Beach.

MDB Transportation and AJR Trucking have received numerous awards for performance, sustainability, and safety, including the Eagle Spirit Award from the USPS. In addition, the company was nominated for both the 2020 and 2021 ACT Expo Fleet Awards.

“Near-zero natural gas trucks have enabled our company to make a meaningful sustainability impact, while maintaining the reliable, quality freight transportation services our customers have come to expect.”

- Jack Khudikyan, Vice President, and owner of MDB Transportation and AJR Trucking

70



**Near-Zero Emission
CNG Trucks**

3.7 million



**Miles Driven
on RNG Annually**

617,110

DGE



**Diesel Offset
Annually by RNG**

25,015

TONS



**Greenhouse Gases
Reduced Annually**

Learn more by visiting www.cngvp.org