SANBAG - Ryder
Natural Gas Vehicle Project

a U.S. DOE Clean Cities & California Energy Commission Project

SANBAG/Ryder NGV Project Summary

San Bernardino Associated Governments (SANBAG) is partnering with commercial transportation and logistics provider Ryder System, Inc. to implement the first large-scale natural gas truck deployment in a commercial truck rental and leasing operation. Ryder will purchase and deploy approximately 202 heavy-duty natural gas powered trucks. It will also construct two public access natural gas refueling stations, upgrade three maintenance shops for NGV repair, and train personnel and customers.

The $38.7 million project will be funded as part of a joint public-private industry partnership between the U.S. Department of Energy, the California Energy Commission, and Ryder. Other project partners include the Southern California Association of Governments Clean Cities Coalition, and environmental-consulting firm Gladstein, Neandross and Associates. $19.3 million of the total project funding will be provided by state and federal sources, including $9.95 million from the U.S. Department of Energy's Alternative Fuel and Advanced Vehicles Pilot Program funded through the American Recovery and Reinvestment Act of 2009 (ARRA). It will also utilize an additional $9.3 million in funding provided by the California Energy Commission's AB 118 Alternative and Renewable Fuel and Vehicle Technology Program. Ryder is committing $19.4 million of its own capital into the project.

NGV Project Benefits

- The NGV Project will achieve significant energy security and air quality benefits for the U.S. and the local communities in which these natural gas trucks will operate. Over the life of the project, Ryder's trucks and stations will:
    - Displace 1.51 million gallons of diesel fuel use with 100% domestically produced low carbon natural gas;
    - Use nearly 3.0 million gallons of domestically produced low-carbon LNG;
    - Reduce 9.2 million pounds (4,194 metric tons) of GHG emissions and 131 tons of NOx annually;
    - Completely eliminate 2.65 tons of diesel PM emissions from local neighborhoods; and
    - Create and sustain more than 400 U.S. green automotive jobs located in the regions of the country hardest hit from the current economic downturn.
- The NGV Project will construct stations in the cities of Orange in Orange County, and Fontana in San Bernardino County. Garage upgrades will be performed at the Ryder sites in Orange, Fontana and Rancho Dominguez.
- The ultra low-emission trucks will be deployed into Ryder's Southern California operations network of 1,200 customers representing more than 6,000 commercial trucks. Ryder's commercial customers will access them through short term rentals, long term leases, or through Ryder's dedicated logistics services.
- The project will support and bolster the regional refueling infrastructure strategy currently under development in Southern California. It will also serve as a model for other commercial heavy-duty trucking companies on how to successfully implement advanced technology alternative fuel programs in large commercial truck operations.

Project Partners:

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