

Schneider National

Green Bay, WI

Key Project Information

Equipment: Long Haul Trucks
Project: Trailer side-skirts, Low-Rolling Resistant Tires, and Idle Reduction Technologies
Number of Engines: 107
Project Year: 2010
Funding Agency: US EPA- National Clean Diesel Funding Assistance Program



SIG staff joined forces with Schneider National to reduce emissions from 107 tractors and trailers operated by the Green Bay, Wisconsin-based carrier through a grant provided by the US EPA's National Clean Diesel Funding Assistance Program. Older diesel engines can generate significant amounts of environmental pollutants, such as fine particles and primary greenhouse gases including nitrous oxides and carbon dioxide. The grant facilitated clean diesel projects that improved air quality throughout the Upper Midwest and particularly in high population density areas where Schneider National operates hubs.

Emission reduction strategies for this project include trailer side-skirts, low-rolling resistant tires, and idle reduction technologies. These strategies also reduce fuel usage and maintenance cost, which in turn will help with job creation for Schneider National.

Schneider has long held a leadership role in increasing the industry's commitment to environmental sustainability. The company is active at the state, national and international level through participation in key environmental sustainability-focused initiatives, associations and task forces.

Schneider National is a member of the EPA's SmartWay Transport Partnership, a voluntary collaboration between the EPA, the freight industry and interested parties to increase energy efficiency while striving to reduce greenhouse gases and air pollution within the transportation sector. Schneider National has been recognized by the EPA with the SmartWay Award of Excellence every year since the awards inception in 2005.

Estimated Project Benefits:

- CO₂ Reduced- 17,900 tons
- NO_x Reduced- 150 tons
- PM Reduced- 4.2 tons
- Diesel Savings- 2,006,250 gal
- Fuel Cost Savings- \$9,028,125

