

Idling Control Strategies - Direct Fired Heaters

Company Profile

Headquarters Location

Lexington, Nebraska

Number of Employees:

51

Strategy Category:

Idling Control Strategies

Number of Trailers:

42

Number of Power Units:

23

Partner Profile



Triple "S" Trucking

Triple "S" is a Nebraska-based Flatbed Transportation provider offering national service from two terminal locations in Lexington, Nebraska and Oklahoma City, Oklahoma. They currently offer service throughout the 48 states, Eastern Canada, and soon Western Canada as well. Triple "S" Trucking's power units are composed of both company owned equipment and owner operators.

Prior to becoming a SmartWay Partner in February 2004, Triple "S" Trucking purchased one Espar direct-fired heater, which they tested in December 2003. The cost of the unit was \$850, with a labor cost of \$250 for installation. Within a matter of weeks, the direct-fired heater produced positive results with respect to idling reduction. Prior to installation, the truck was idling 40% of the time, while after installation, idling had been reduced to 22%. Triple S determined that the direct-fired heater had a burn rate of 0.07 gallons of fuel per hour, while idling consumes approximately 1 gallon of fuel per hour. After achieving these results, Triple S decided to purchase two additional units, at \$850 each, and installed the units themselves. On second and third trucks, idling time decreased from 63% to 38% and from 70.6% to 40.7%, respectively. Triple S now has 6 direct-fired units installed on their trucks, and has plans to purchase more units in the future.

Through decreased idling and fuel consumption, Triple S estimates that in 2005, they will save \$4,142 as a result of these direct-fired heaters.

For more information on idle-reduction technologies/strategies, visit:
<http://www.epa.gov/smartway/idling.htm>

