

Stationary Dual Fuel Cost Calculator

Base Information

Gallons used per hour on average	10
Operating hours per year	2,000

Diesel Fuel Information - Your Current Use

Diesel fuel cost per gallon	\$3.00
Cost per hour for diesel fuel	\$30.00
Gallons of diesel fuel currently consumed per year	20,000
Your current estimated fuel cost per year for diesel	\$60,000.00

Natural Gas Information

Natural gas cost per MCF	\$6.00
Natural Gas fuel cost per diesel gallon equivalent (DGE)	\$0.86

Natural Gas and Diesel Mix Information - The Fuel Stretcher

Diesel fuel cost per gallon	\$3.00	
Gas substitution amount in %	50%	
Adjusted gallon per hour of diesel	5.00	GPH
Cost per hour of diesel fuel	\$15.00	
Natural Gas fuel cost per diesel gallon equivalent (DGE)	\$0.86	
Natural gas fuel ratio	50%	
Natural gas DGE per hour	5.00	DGE per hour
Cost per hour of Natural gas	\$4.29	
Total fuel cost (Diesel + Natural Gas)	\$19.29	per hour

Savings Summary

Your current estimated fuel cost per year for diesel	\$60,000.00
Fuel cost per year of <u>diesel</u> using the blend	\$30,000.00
Fuel cost per year of <u>Natural gas</u> using the blend	\$8,571.43
Total cost of diesel fuel and natural gas using the blend	\$38,571.43
Fuel Savings per Year Percentage	35.71%
Fuel Savings per Year in Dollars	\$21,428.57