



Price Differentials for Low-Sulfur Fuels



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TABLE 2-2: Price Differentials for Low-Sulfur Fuels

Low-Sulfur Fuel Type	Price difference (\$ US/GJ-%S) ⁿ	Typical Heating Value (GJ/tonne)	Cost (US \$) per tonne SO ₂ removed
Hard coal and coke, 0.6% S	0.34	27	482 ^o
Heavy fuel oil, 0.6% S	0.54	41.5	1111
Diesel-redn. To 0.3% S	0.84	42.5	1784
Diesel-redn. To 0.05% S	2.52	42.5	5352

n. Dollars per gigajoule of fuel energy and per percent of sulfur reduced compared to the original fuel. One gigajoule (GJ) is one billion (10⁹) joules. For purposes of comparison, 34 kg of (standard) coal or 31 liters of gasoline have an energy content of about one gigajoule.

o. Calculated (by the original source) assuming that 5 percent of fuel sulfur remains in the ash after combustion. From *Technological Alternatives to Reduce Acid Gas and Related Emissions from Energy-Sector Activities in Northeast Asia* by David Von Hippel

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