Price Differentials for Low-Sulfur Fuels

The NAPSNet Policy Forum provides expert analysis of contemporary peace and security issues in Northeast Asia. As always, we invite your responses to this report and hope you will take the opportunity to participate in discussion of the analysis.

Recommended Citation

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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