

NATIONAL PETROLEUM CORPORATION  
COMPARATIVE PRICES OF ALTERNATIVE FUELS

at August 2013

Form of Energy	Natural Gas	Liquefied Petroleum Gas	Diesel	Kerosene	Gasoline	Bunker'C**	Electricity*
Standard Cost (Excl. VAT)	\$/M3	\$/lb	\$/Litre	\$/Litre	\$/Litre	\$/Litre	\$/kWh
Residential	1.48000	1.58979	2.29567	1.79000	2.77686	1.35352	0.68000
Commercial	1.21000	1.41047	2.08755	1.74304	2.52872	1.35352	0.60000
Measurement Unit	Mcf	Pound	U.S. Gallon	U.S. Gallon	U.S. Gallon	U.S. Gallon	kWh
Calorific Value (Btu)	1,000,000	21,591	131,500	134,000	125,000	138,793	3,413
Equivalent Volume per Mcf of N.G.	1	46.3156	7.6046	7.4627	8.0000	7.205	292.997
Equivalent Cost (Resid.) \$/Mcf	41.88	73.63	66.08	50.56	84.08	36.91	199.24
Equivalent Cost (Comm.) \$/Mcf	34.24	65.33	60.09	49.23	76.57	36.91	175.80