

Conversion Factors

1 kilogram	=	2.2046 pounds
1 Pound	=	454 gm.
1 Cubic metres	=	35.3 cubic feet (gas)
1 Metric ton	=	1 Tonne
	=	1000 kilogram
1 joule	=	0.23884 calories
1 mega joule	=	10^6 joules = 238.84 x 10^3 calories
1 giga joule	=	10^9 joules = 238.84 x 10^6 calories
1 tera joule	=	10^{12} joules = 238.84 x 10^9 calories
1 peta joule	=	10^{15} joules = 238.84 x 10^{12} calories
One million tonnes of coal in		
	1970 - 81	= 20.93 peta joules of energy.
	1982 - 83	= 19.98 peta joules of energy.
	1984 - 89	= 19.62 peta joules of energy.
	1990 - 96	= 17.81 peta joules of energy.
	1997 - 99	= 17.08 peta joules of energy.
	1999 - 00	= 16.93 peta joules of energy.
	2000 - 01	= 16.88 peta joules of energy.
	2001 - 02	= 16.87 peta joules of energy.
	2002 - 03	= 16.68 peta joules of energy.
	2003 - 04	= 16.69 peta joules of energy.
	2004 - 05	= 16.60 peta joules of energy.
	2005 - 06	= 16.03 peta joules of energy.
	2006 - 07	= 16.14 peta joules of energy
	2007 - 08	= 15.91 peta joules of energy
	2008 - 09	= 15.70 peta joules of energy
	2009 - 10	= 15.70 peta joules of energy
One million tonnes of oil equivalent (MTOE)	=	41.87 peta joules of energy.
	=	4.1868×10^4 terajoule (TJ)
One billion cubic metre of natural gas	=	38.52 peta joules of energy.
One million cubic metre of natural gas	=	38.52 tera joules of energy.
	=	.03852 peta joules of energy.
One billion kilowatt hour of electricity	=	3.60 peta joules of energy.