

## ENERGY - CONVERSION OF UNITS

**The commonly-used Engineers' Unit of Energy in the S. I. System is the kilowatt - hour , kWh.**

<b>1 kWh =</b>	3.6 MJ
	859.45 kCalories( IT)
	3 412.1 B t u (int.)
	1895.6 Centigrade Heat Units
	0.0341 therms
	0.8601 thermies
	2 655 220 ft-lbf
	367 098 m-kgf
	1.3410 hp-h (Imp.)
	1.3596 metric hp-h, (cheval vapeur-h, Pfedestark-h )
	The tonne of oil-equivalent, t.o.e is often used in economic studies:1 t.o.e = 10 000 000 kcal
	11 635 kWh
	The quad is 1 quadrillion (US) btu: 1 quad = 293. 255 GWh