



Unitati de energie

Energie (lucru mecanic, caldura)	J	Kwh	Kcal	Btu
Joule = W · s	1	$0,27778 \times 10^{-6}$	$238,8 \times 10^{-6}$	948×10^{-6}
Kilowattora (kWh)	$3,6 \times 10^6$	1	859,8	3413
Kilocalorie (kcal)	$4,1868 \times 10^3$	$1,163 \times 10^{-3}$	1	3,969
British thermal unit (Btu)	1055	293×10^{-6}	0,252	1
1 Gcal = 10^9 cal = 10^6 kcal = $1,163 \times 10^3$ kWh = 1,163 MWh				
1 tona combustibil conventional (t.c.c) = 7×10^6 Kcal = $8,1414 \times 10^3$ kWh = 8,1414 MWh = 7,0Gcal				
1 tona echivalent petrol (tep) = 1,5 t.c.c. = $10,5 \times 10^6$ Kcal = $12,21 \times 10^3$ kWh = 12,21 MWh = 10,5 Gcal				