Use the factor corresponding to your input unit to convert the energy quantity to kWh

Energy Type	MJ	m^3	kg	Liter
Biodiesel	0,278	N/A	10,33	9,20
Diesel	0,278	N/A	11,97	10,06
Diesel B7, EU average	0,278	N/A	11,86	9,91
HVO from rapeseed	0,278	N/A	12,22	9,41
HVO marine fuel from rapeseed	0,278	N/A	12,22	9,41
Gasoline	0,278	N/A	12,00	8,91
Bioethanol	0,278	N/A	7,50	5,85
Biogas*	0,278	6,00	4,92	N/A
Natural gas	0,278	10,03	12,86	N/A
Steam**	0,278	N/A	0,68	N/A
Heavy fuel oil	0,278	N/A	11,22	11,12
Industrial heating oil	0,278	N/A	11,82	9,93
Liquefied petroleum gas (LPG)	0,278	N/A	13,14	7,10
Wood pellets***	0,278	N/A	5,28	N/A

**Assuming 60 vol.% methane.*
***Enthalpy of steam can vary significantly. The only accurate measurement for steam would be its energy content. Here enthalpy of steam at 10 bar and feed water of 95 °C is used for calculation.*
****Assuming 0% moisture.*

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Farm Activities - Energy Conversion Factors

To report use of Propane gas, convert to Diesel by using these factors	
Liters	Liters of Propane × 0.496 = Liters of Diesel
	500 Liters of Propane × 0.496 = 248 Liters of Diesel
kg	kg of Propane × 0.9236 = Liters of Diesel
	500 kg of Propane × 0.9236 = 461.776 Liters of Diesel
To report use of Gasoline/Petrol, convert to Diesel by using these factors	
Liters	Liters of Gasoline × 0.886 = Liters of Diesel
	500 Liters of Gasoline × 0.886 = 443 Liters of Diesel

Other energy units
1 Btu = 1055,05585 J
1 Btu = 2,93071 × 10^{-4} kWh
1 J = 9,47817 × 10^{-4} Btu
1 J = 2,77778×10^{-7} kWh
1 J = 1×10^{-6} MJ
1 kWh = 3412,1416 Btu
1 kWh = 3600000 J
1 kWh = 0,001 MWh

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