

Objective

Convert the energy you used to kilowatt-hours (kWh) so that you can establish your total kilowatt-hours from all the types of energy you have used.



1: Establish which types of energy you need to convert

Your mains electricity should already be recorded in kWh that you can find on a meter or on your bill. Your mains gas is probably recorded this way too.

For all other types of energy you use that are not already recorded in kWh, you will need to convert them to kWh in order to comply with the Travelife Standard. For most properties energy types will include: -

LPG (butane and propane) | Petrol/gasoline | Diesel | Kerosene | Solid fuels like coal or wood



2: Convert any non-metric measurements to metric units*

Most energy is measured in litres (l), kilograms (kg) or cubic metres (m³). Some destinations may be using gallons, feet or cubic feet and these will need to be converted to metric measurements if you want to use the Travelife conversion rate.

* Not required if using your own rates or a calculator that accepts non-metric measurements.



3: Find reliable conversion numbers

Travelife have provided conversion numbers for some of the most common fuel types that our Members use that you can find in the Member Zone. If you have a different fuel source then you will need to go online to search for reliable numbers.



4: Convert the amount of each energy type used to kWh

Multiply the amount of fuel you used by the conversion rate to get the kWh. For example, if you used 2 litres of diesel and the conversion rate is 10.96 then this is the calculation:

$$\text{(Diesel used) } 2 \text{ litres} \times 10.96 \text{ (diesel conversion number)} = 21.92\text{kWh}$$



5: Update your report with the kWh for each fuel source

Transfer the number to your energy usage report and remember to note the conversion number you used somewhere just in case a Travelife auditor wants to verify your calculations.

More Information & Resources

[Travelife fuel to kilowatt conversion rates](#)

[Travelife energy consumption template](#)

[Travelife detailed energy management guide](#)