

You can select the type of energy used:

Demonstration enviroIndex™ Energy Calculator

This demonstration calculator uses averaged general data

Specify (if on main grid) the amount of electricity used and, if known, the energy source used at the power station (e.g., coal, nuclear, natural gas, wind). This calculator also allows you to specify other energy uses (e.g., by vehicles, boilers, generators, space heaters), by selecting the type (e.g., LPG, gasoline, solar) and the quantity and units it was measured and/or supplied in (e.g., lbs, kg, gallons, kWh).

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Energy source used at the power station			Energy consumption			Estimated greenhouse gas (CO2e) ¹ produced ² in short ton	Optional information (if provided, used in the printable record)
Type	Quantity	Unit measured/supplied in	Converted to units of kiloWatt hour (kWh)	% of total energy used	Specified % renewable ³		
Utility grid supplied electricity							
Primary grid electricity supply							
Coal (anthracite - black)	134000.00	Megaloufe (M)	37222	38.73		37.77	
Secondary grid electricity supply (if applicable)							
Utility Sources Totals:			37222.000	38.73	0.00	37.77	
						Estimated sulfur dioxide ⁴	0.299 short ton
						Estimated particulate matter ⁷	0.070 short ton

Use this mini-calculator to estimate volumes of vehicle fuel used

Distance covered	Average vehicle fuel consumption
Amount	Quantity
Unit measured in	Unit measured in

Other sources of energy used			Energy consumption			Estimated greenhouse gas (CO2e) ¹ produced in short ton	Optional information (if provided, used in the printable record)
Type	Quantity	Unit measured/supplied in	Converted to units of kiloWatt hour (kWh)	% of total energy used	Specified % renewable ⁸		
Other sources of energy used							
Gasoline (automotive)							
Gasoline (automotive)	250.00	gallon - US	8990	9.35	10.00	2.149	
Diesel (automotive)							
Diesel (automotive)	125.00	gallon - US	5073	5.28		1.405	
Natural Gas							
Natural Gas	145.00	thousand cubic feet (mcf)	44823	46.64		9.130	

You can select the unit (volume or weight) that the energy is measured in, and an estimate of the greenhouse gases produced will be calculated:

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You can select a common unit to convert all energy uses into:

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