

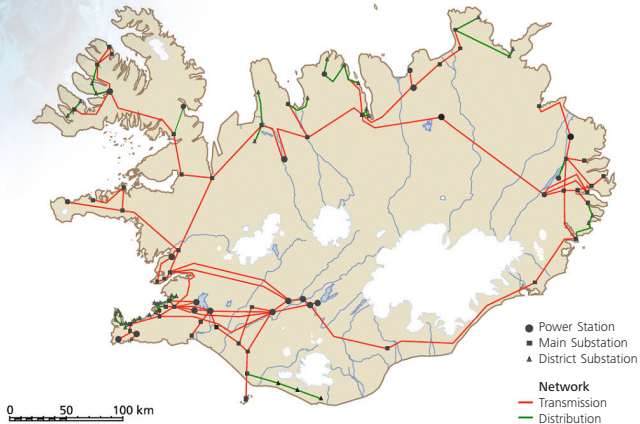


ENERGY STATISTICS
IN ICELAND
2010

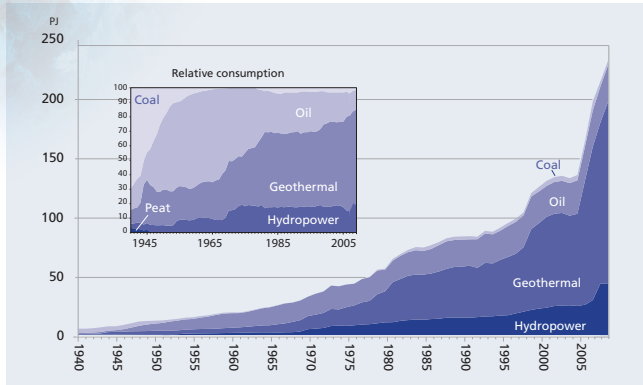


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Electricity network



Primary energy use in Iceland 1940–2009



Generation of electricity in Iceland 2009 and 2008

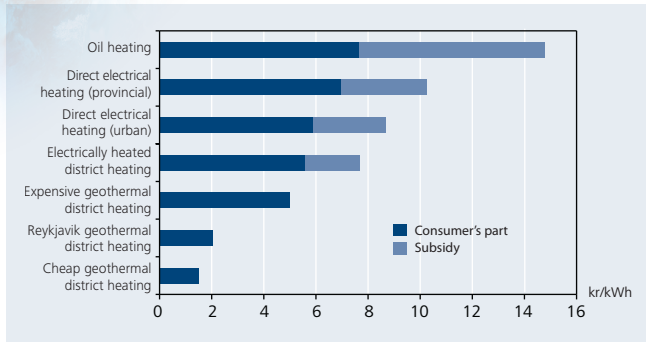
Installed capacity in power stations

	2009		2008	
	MW	%	MW	%
Hydro	1,883	73.0	1,879	73.0
Geothermal	575	22.3	575	22.3
Fuel	121	4.7	120	4.7
Total	2,579	100.0	2,574	100.0

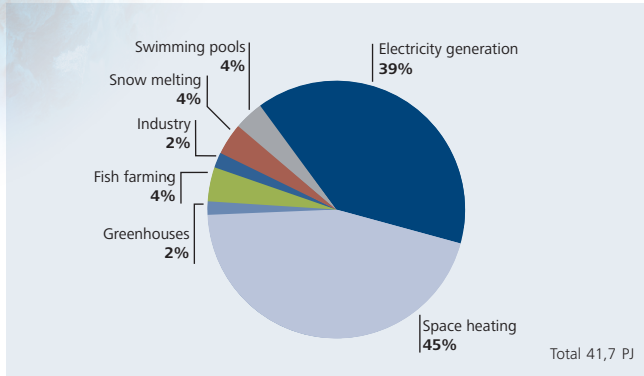
Electricity production

	2009		2008	
	GWh	%	GWh	%
Hydro	12,279	73.0	12,427	75.5
Geothermal	4,553	27.0	4,038	24.5
Fuel	3	0.0	3	0.0
Total	16,835	100.0	16,468	100.0

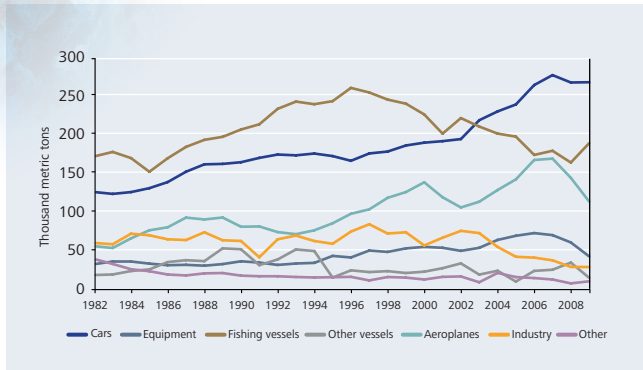
Comparison of energy prices for residential heating mid year 2010



Utilisation of geothermal energy 2009



Oil consumption in Iceland 1982–2009



Units of power and energy

The International System of Units (SI) is the system of measurement in Iceland.
The basic and customary units for power and energy are:

	Energy	Power
Basic unit	Joule (J)	Watt (W)
Customary unit	Watt hour (Wh)	-

The prefixes for multiples of units in the SI system

Prefix	Abbreviations	Multiple of base unit
Exa	E	10^{18}
Peta	P	10^{15}
Tera	T	10^{12}
Giga	G	10^9
Mega	M	10^6
Kilo	k	10^3

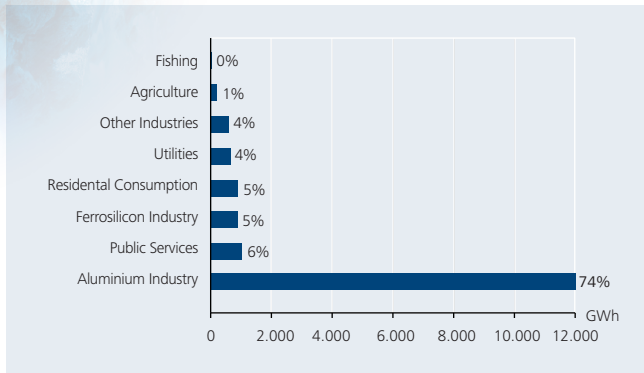
Sometimes other units which are not part of the SI system are used, e.g. horsepower, hp, or ton of oil equivalent, toe. The same prefixes are used, e.g. Ktoe and Gtoe.

1 hp = 0,75 kW

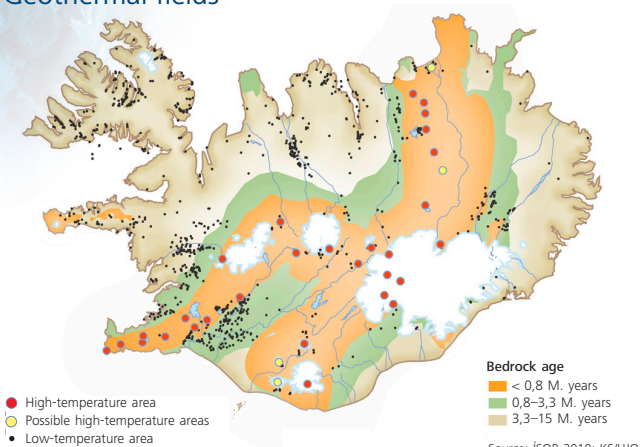
1 toe = 41,9 GJ

1 Wh = 3,6 kJ

Electricity consumption 2009

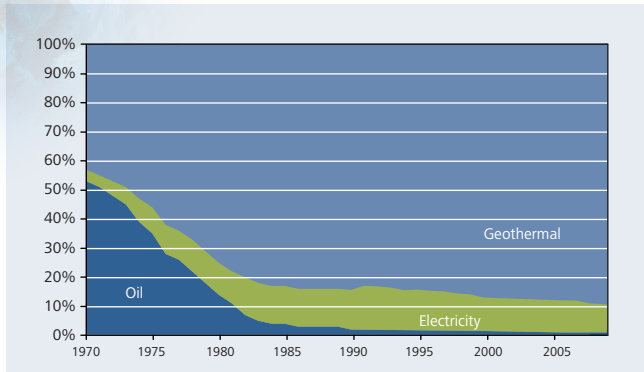


Geothermal fields



Source: ÍSOR 2010: KS/HJO

Space heating 1970–2009





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