



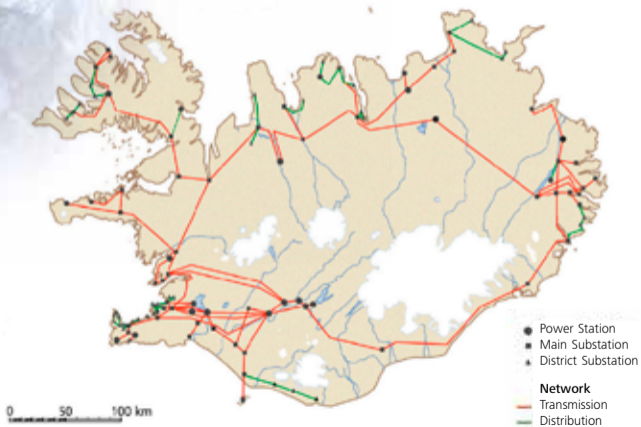
ENERGY STATISTICS
IN ICELAND **2014**



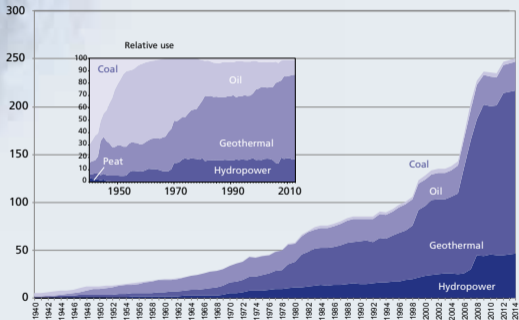
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National Energy Authority

Electricity network



Primary energy use in Iceland 1940–2014



Generation of electricity in Iceland 2014 and 2013

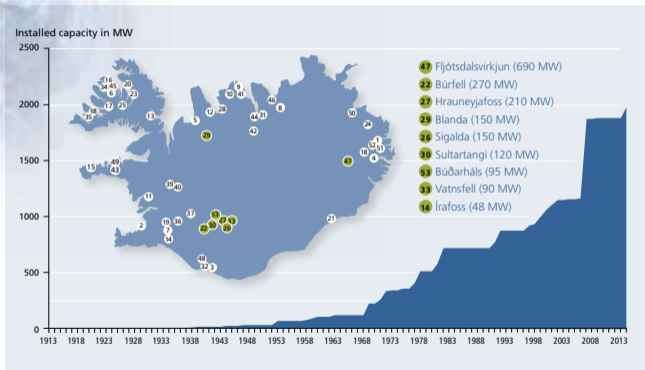
Installed capacity in power plants

	2014		2013	
	MW	%	MW	%
Hydro	1.986	72,0	1.986	71,8
Geothermal	665	24,1	665	24,0
Fuel	106	3,8	114	4,1
Wind	3	0,1	2	0,1
Total	2.760	100	2.767	100

Electricity production

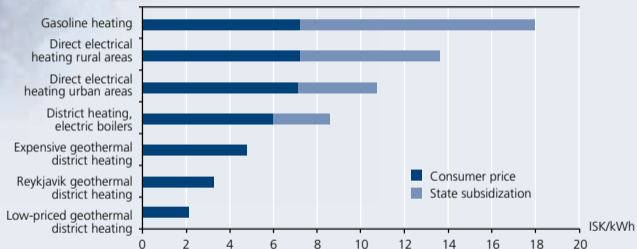
	2014		2013	
	GWh	%	GWh	%
Hydro	12.873	71	12.863	71,0
Geothermal	5.239	28,9	5.245	29,0
Fuel	2	0	3	0
Wind	8	0	5	0
Total	18.122	100	18.116	100

Installed capacity in hydro power plants

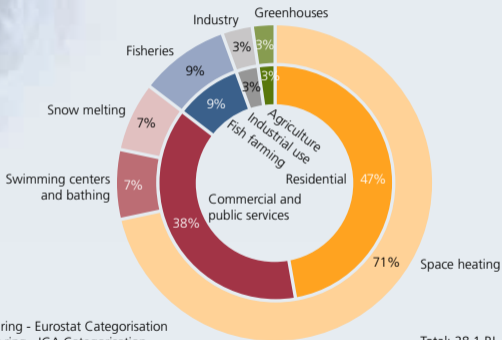


The numbered dots in the picture show the main hydro power plants in Iceland. The largest are specified (green dots).

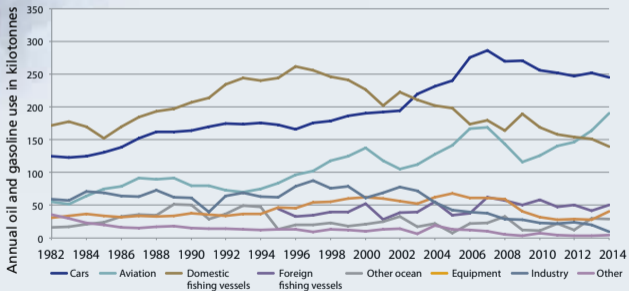
Comparison of energy prices for residential heating mid year 2014



Heat use with Geothermal Energy in 2014



Oil consumption in Iceland 1982–2014



Units of power and energy

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

Basic unit	Joule(J)	Watt(W)
Customary unit	Watt hour(MWh)	-

The prefixes for multiples of units in the SI system are:

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.

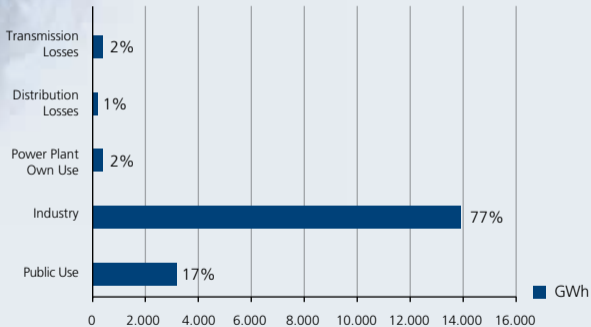
1 hestafi = 0,75 kW

1 toí = 41,9 GJ

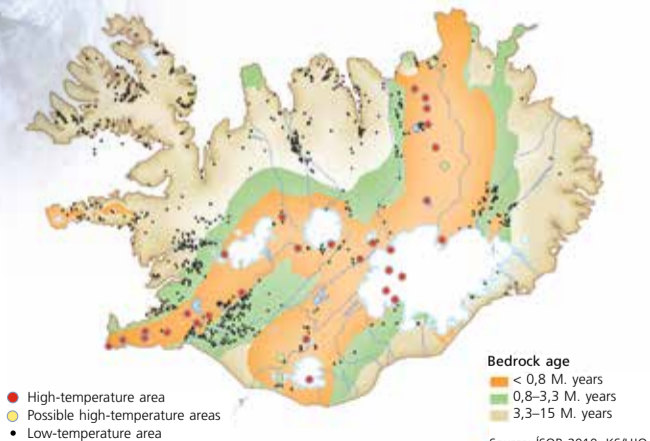
1 Wh = 3,6 kJ

1PJ = 0,278 TWh

Electricity consumption 2014

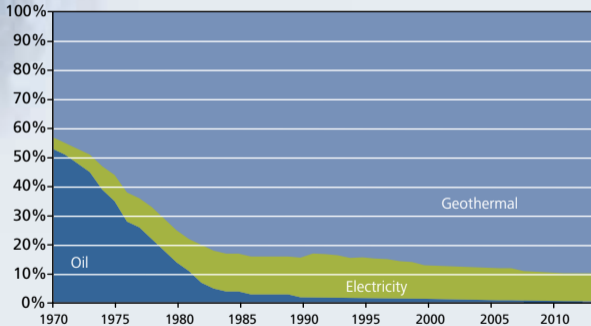


Geothermal fields

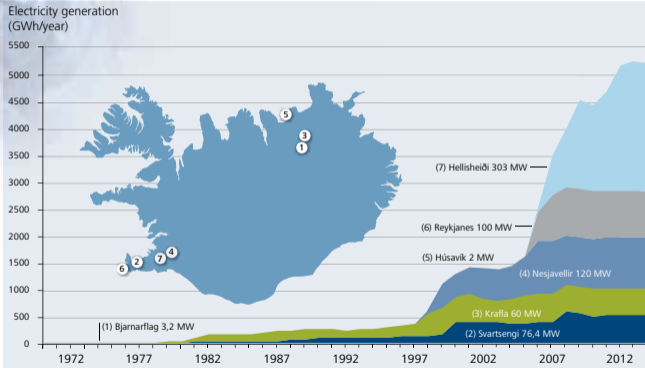


Source: ÍSOR 2010: KS/HJO

Space heating 1970–2014



Generation of electricity – geothermal energy





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Energy Statistics in Iceland 2014

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