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Tafla 1 : Uppsett rafafi og raforkuframleiðsla á Íslandi árið 2015 skipt eftir uppruna

Table 1: Installed electrical capacity in power plants and electricity production in Iceland 2015 by energy source

Uppruni	Uppsett rafafi [kW]	Raforkuframleiðsla [MWh]
Source	Installed electrical capacity [kW]	Electricity production [MWh]
Vatnsafl / Hydro	1.985.441	13.780.770
Jarðhiti / Geothermal	662.600	5.003.003
Vindur / Wind	3.030	10.894
Eldsneyti / Fuel	80.558	3.897
Samtals / Total	2.731.629	18.798.564

Tafla 2 : Uppsett rafafi og raforkuframleiðsla í vatnsaflsvirkjunum árið 2015

Table 2: Installed capacity and electricity production in hydro power plants 2015

Framleiðandi	Heiti virkjunar	Gangsetning [Ár]	Uppsett rafafi [kW]	Raforkuframleiðsla [MWh]
Producer	Power Plant	Operational [Year]	Installed electrical capacity [kW]	Electricity production [MWh]
Fallorka	Djúpadalsvirkjun I/II	2004/2006	2.800	17.932
Landsvirkjun	Fjötösdalsstöð	2007	690.000	4.985.534
Landsvirkjun	Búrfell	1969	270.000	2.409.870
Landsvirkjun	Hrauneyjafoss	1981	210.000	1.284.367
Landsvirkjun	Sigalda	1977	150.000	914.108
Landsvirkjun	Blanda	1991	150.000	820.722
Landsvirkjun	Sultartangi	1999	120.000	1.000.815
Landsvirkjun	Búðarháls	2013	95.000	651.015
Landsvirkjun	Vatnsfell	2001	90.000	404.540
Landsvirkjun	Írafoss	1953	47.800	291.866
Landsvirkjun	Laxá	1939	27.500	176.841
Landsvirkjun	Steingrímsstöð	1959	26.400	154.426
Landsvirkjun	Ljósafoff	1937	14.600	116.184
Norðurorka	Glerárvirkjun	2005	307	531
Orka Náttúrunnar	Andakill	1947	8.200	37.808
Orka Náttúrunnar	Elliðaár	1921	3.160	-
Orkusalan	Lagarfoss I/II	1975/2007	27.200	200.292
Orkusalan	Skeiðfoss	1945	4.800	27.792
Orkusalan	Grímsá	1958	2.800	19.478
Orkusalan	Rjúkandi	1954	1.680	12.262
Orkusalan	Smyrlabjargá	1969	1.000	9.113
Orkubú Vestfjarða	Mjöllká	1958	10.600	71.021
Orkubú Vestfjarða	Þverárvirkjun	1953	2.430	8.202
Orkubú Vestfjarða	Fossárvirkjun	2015	1.200	976
Orkubú Vestfjarða	Fossa- og Nónhornsvatn	1937	1.160	4.261
Orkubú Vestfjarða	Tungudalsvirkjun	2006	700	4.799
Orkubú Vestfjarða	Reiðhollavirkjun	1958	514	2.096
Orkubú Vestfjarða	Blævardalsárvirkjun	1975	288	1.662
Orkubú Vestfjarða	Mýrarárvirkjun	1965	60	238
RARIK	Laxárvatn	1933	480	-
RARIK	Garðsá	1943	174	-
RARIK	Fjarðarselsvirkjun	1913	160	-
Rafveita Reyðarfjarðar	Búðará	1930	240	1.978
Smávirkjun / Small scale	Bjölfsvirkjun	2008	6.400	44.395
Smávirkjun / Small scale	Gúlsvirkjun	2009	3.400	20.520
Smávirkjun / Small scale	Múlavirkjun	2005	3.100	17.643
Smávirkjun / Small scale	Köldukvislsvirkjun	2013	2.790	15.146
Smávirkjun / Small scale	Hvestuvirkjun	2004	1.430	8.178
Smávirkjun / Small scale	Ljósa	2007	980	5.641
Smávirkjun / Small scale	Sængurfossárvirkjun	1976	720	983
Smávirkjun / Small scale	Árteigsvirkjun	2009	715	5.141
Smávirkjun / Small scale	Sandárvirkjun	2003	701	4.937
Smávirkjun / Small scale	Lindá	2007	638	4.278
Smávirkjun / Small scale	Kiðárvirkjun I/II	2004/2004	550	4.556
Smávirkjun / Small scale	Árteigsvirkjun	2005	500	4.199
Smávirkjun / Small scale	Botnsá	2001	480	3.765
Smávirkjun / Small scale	Breiðadalsvirkjun	2012	456	4.087
Smávirkjun / Small scale	Kerahnjúkavirkjun	2004	370	2.706
Smávirkjun / Small scale	Sleitustaðavirkjun	1986	218	834
Smávirkjun / Small scale	Selárvirkjun	2007	170	407
Smávirkjun / Small scale	Skögargerði	2012	145	1.245
Smávirkjun / Small scale	Tunguvirkjun	2001	144	984
Smávirkjun / Small scale	Sýstragilsvirkjun	2005	108	317
Smávirkjun / Small scale	Beinársvirkjun	2003	65	-
Smávirkjun / Small scale	Rollulækjavirkjun	2001	55	9
Smávirkjun / Small scale	Bugavirkjun	2014	40	71
Smávirkjun / Small scale	Stuttárvirkjun	2004	13	-
Samtals / Total			1.985.441	13.780.770

Tafla 3 : Uppsett rafafi og raforkuframleiðsla í jarðvarmavirkjunum árið 2015

Table 3: Installed electrical capacity and electricity production in geothermal power plants 2015

Framleiðandi	Heiti virkjunar	Gangsetning [Ár]	Uppsett rafafi [kW]	Raforkuframleiðsla [MWh]
Producer	Power Plant	Operational [Year]	Installed electrical capacity [kW]	Electricity production [MWh]
HS Orka	Reykjanes I/II	2006	100.000	762.386
HS Orka	Svartsengi	1977	76.400	531.721
Landsvirkjun	Krafía	1978	60.000	487.427
Landsvirkjun	Þjarnfla	1969	3.200	10.097
Orka Náttúrunnar	Hellið	2006	303.000	2.227.374
Orka Náttúrunnar	Nesjavellir	1998	120.000	983.998
Samtals / Total			662.600	5.003.003

Tafla 4 : Uppsett rafafi og raforkuframleiðsla í vindorkuverum árið 2015

Table 4: Installed electrical capacity and electricity production in wind turbines 2015

Framleiðandi	Heiti virkjunar	Gangsetning [Ár]	Uppsett rafafi [kW]	Raforkuframleiðsla [MWh]
Producer	Power Plant	Operational [Year]	Installed electrical capacity [kW]	Electricity production [MWh]
Landsvirkjun	Hafíð	2013	1.800	6.688
Smávirkjun / Small scale	Hábær (Þykkvibær)	2014	1.200	4.204
Smávirkjun / Small scale	Belgsholt	2011	30	2
Samtals / Total			3.030	10.894

Tafla 5 : Uppsett rafafi og raforkuframleiðsla í eldsneytisorkuverum árið 2015

Table 5: Installed electrical capacity and electricity production in fossil fuel power plants 2015

Framleiðandi	Heiti virkjunar	Gangsetning [Ár]	Uppsett rafafi [kW]	Raforkuframleiðsla [MWh]
Producer	Power Plant	Operational [Year]	Installed electrical capacity [kW]	Electricity production [MWh]
HS Veitur	Vestmannaeyjar	1973	5.070	422
HS Veitur	Hafnarfjörður	1999	1.100	-
HS Veitur	Selfoss	-	1.024	-
Landsnet	Bolungarvík	2014	10.800	1.425
Norðurorka	Laugaland	1993	1.200	-
Norðurorka	Akureyri, rafveita	1999	960	4
Norðurorka	Akureyri, Slippurinn	1999	600	-
Orkubú Vestfjarða	Patreksfjörður	1964	4.300	91
Orkubú Vestfjarða	Ísafjörður, Mjósund	1976	4.300	75
Orkubú Vestfjarða	Bolungarvík	1981	3.310	45
Orkubú Vestfjarða	Pingeyri	1980	1.520	218
Orkubú Vestfjarða	Súðavík	1986	1.400	128
Orkubú Vestfjarða	Hólmanavík	1990	1.400	54
Orkubú Vestfjarða	Bildudalur	1973	1.200	23
Orkubú Vestfjarða	Reykholar	-	750	12
Orkubú Vestfjarða	Suðureyri	1975	720	3
Orkubú Vestfjarða	Reykjanes	-	666	3
Orkubú Vestfjarða	Ísafjörður, Fossar	1957	600	-
Orkubú Vestfjarða	Drangnes	1975	470	2
Orkubú Vestfjarða	Flateyri	1975	420	4
Orkubú Vestfjarða	Flatey	2006	182	205
RARIK	Neskaupstaður	-	6.094	42
RARIK	Vopnafjörður	-	6.000	-
RARIK	Ólafsvík	-	4.178	57
RARIK	Seyðisfjörður	-	2.765	28
RARIK	Fáskrúðsfjörður	-	2.599	2
RARIK	Þórshöfn	-	2.234	13
RARIK	Sauðárkrúkur	-	1.824	-
RARIK	Skágaströnd	-	1.629	8
RARIK	Vík í Mýrdal	-	1.281	59
RARIK	Stykkishólmur	-	1.160	6
RARIK	Grundarfjörður	-	912	-
RARIK	Bakkafjörður	-	781	21
RARIK	Kirkjubæjarklaustur	-	729	21
RARIK	Bakkagerði	-	728	-
RARIK	Gámavél Austurland	-	703	-
RARIK	Grimsey	-	681	867
RARIK	Húsavík	-	640	0
RARIK	Gámavél Suðurland	-	603	-
RARIK	Ólafsfjörður	-	552	-
RARIK	Búðardalur	-	551	2
RARIK	Hrísey	-	551	1
RARIK	Stöðvarfjörður	-	551	0
RARIK	Gámavél Norðurland	-	442	-
RARIK	Mjólfjörður	-	238	1
RARIK	Gámavél Norðurland	-	140	-
RARIK	Siglufjörður	-	-	51
Samtals / Total			80.558	3.897

Tafla 6: Uppsett rafafi eftir framleiðanda 2015

Table 6: Installed electrical capacity by producer 2015

Framleiðandi	Uppsett rafafi - Vatnsafi [kW]	Uppsett rafafi - Jarðhiti [kW]	Uppsett rafafi - Vindorka [kW]	Uppsett rafafi - Eldsneyti [kW]	Samtals [kW]
Producer	Installed electrical capacity - Hydro [kW]	Installed electrical capacity - Geothermal [kW]	Installed electrical capacity - Wind [kW]	Installed electrical capacity - Fuel [kW]	Total [kW]
Landsvirkjun	1.891.300	63.200	1.800	-	1.956.300
Orka Náttúrunnar	11.360	423.000	-	-	434.360
HS Orka	-	176.400	-	-	176.400
RARIK	814	-	-	38.566	39.380
Orkubú Vestfjarða	16.952	-	-	21.238	38.190
Orkusalan	37.480	-	-	-	37.480
Smávirkjanir / Small scale	24.188	-	1.230	-	25.418
Landsnet	-	-	-	10.800	10.800
HS Veitur	-	-	-	7.194	7.194
Norðurorka	307	-	-	2.760	3.067
Fallorka	2.800	-	-	-	2.800
Orkuveita Húsavíkur	-	2.000	-	-	2.000
Rafveita Reyðarfjarðar	240	-	-	-	240
Samtals / Total	1.985.441	664.600	3.030	80.558	2.733.629

Tafla 7 : Raforkuframléiðsla eftir framleiðanda 2015

Table 7: Electricity production by producer 2015

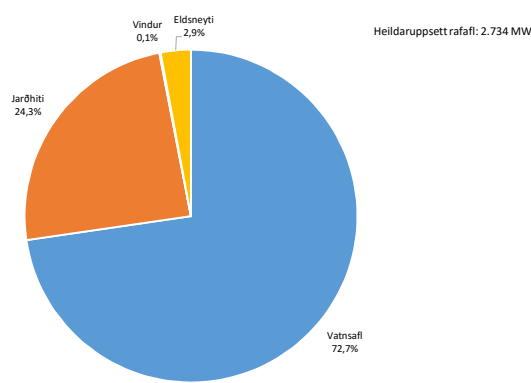
Framleiðandi	Raforkuframléiðsla - Vatnsafi [MWst]	Raforkuframléiðsla - Jarðhiti [MWst]	Raforkuframléiðsla - Vindorka [MWst]	Raforkuframléiðsla - Eldsneyti [MWst]	Samtals [MWst]
Producer	Electricity production - Hydro [MWh]	Electricity production - Geothermal [MWh]	Electricity production - Wind [MWh]	Electricity production - Fuel [MWh]	Total [MWh]
Landsvirkjun	13.210.289	497.525	6.688	-	13.714.501
Orka Náttúrunnar	37.808	3.211.371	-	-	3.249.179
HS Orka	-	1.294.107	-	-	1.294.107
Orkusalan	268.938	-	-	-	268.938
Smávirkjanir / Small scale	150.042	-	4.207	-	154.249
Orkubú Vestfjarða	93.252	-	-	865	94.117
Fallorka	17.932	-	-	-	17.932
Rafveita Reyðarfjarðar	1.978	-	-	-	1.978
Landsnet	-	-	-	1.425	1.425
RARIK	-	-	-	1.181	1.181
Norðurorka	531	-	-	4	535
HS Veitur	-	-	-	422	422
Orkuveita Húsavíkur	-	-	-	-	-
Samtals / Total	13.780.770	5.003.003	10.894	3.897	18.798.564

Tafla 8: Raforkuframléiðsla árið 2015 eftir landshlutum

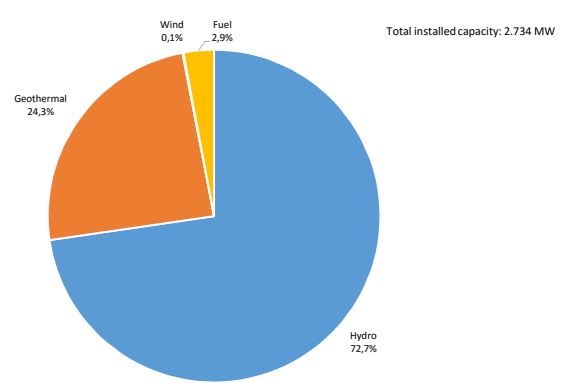
Table 8: Electricity production by region 2015

Landshlutar	Region	[kWst]	[MWst]	[GWst]	Hlutfall
		[kWh]	[MWh]	[GWh]	Percentage
Suðurland	South	10.460.547.387	10.460.547	10.461	55,6%
Austurland	East	5.283.059.257	5.283.059	5.283	28,1%
Reykjanes	Reykjanes Peninsula	1.294.107.027	1.294.107	1.294	6,9%
Norðurland vestra	North-West	849.407.633	849.408	849	4,5%
Norðurland eystra	North-East	721.225.479	721.225	721	3,8%
Vestfirðir	Westfjords	113.540.120	113.540	114	0,6%
Vesturland	West	76.683.488	76.683	77	0,4%
Höfuðborgarsvæðið	Capital Region	0	0	0	0,0%
Samtals / Total		18.798.570.390	18.798.570	18.799	100%

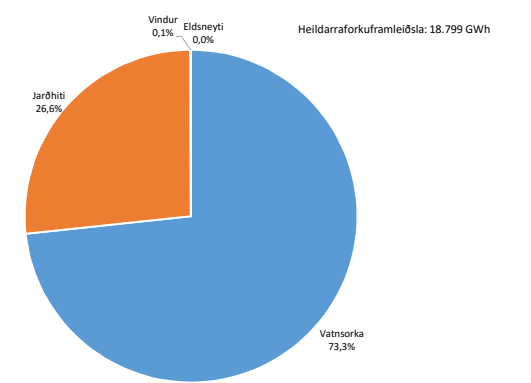
Uppsett rafafi í virkjunum eftir uppruna 2015



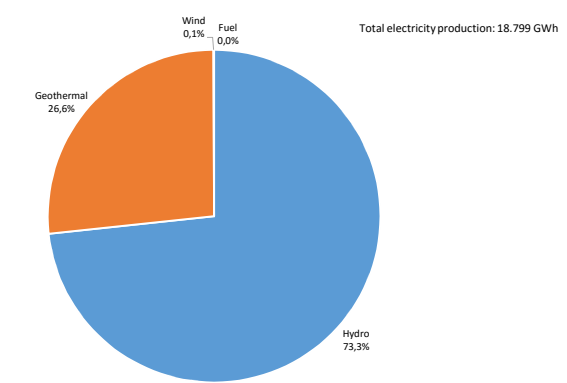
Installed electrical capacity in by energy source 2015



Raforkuframléiðsla eftir uppruna 2015

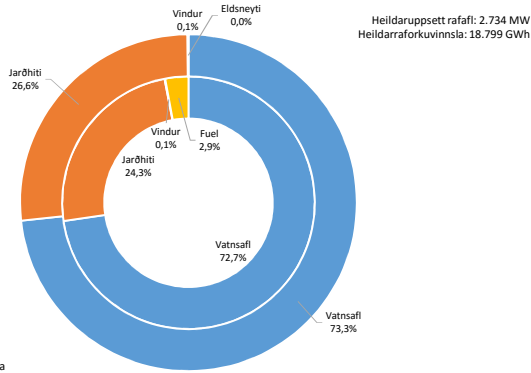


Electricity production by energy source 2015



Uppsett rafafi og raforkuframleiðsla eftir uppruna 2015

Heildaruppsett rafafi: 2.734 MW
Heildarraforkvinnsla: 18.799 GWh

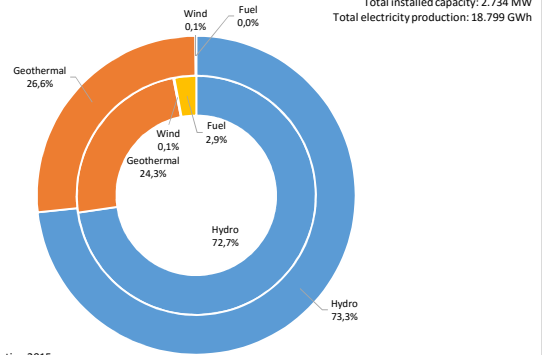


Ytri hringur: Raforkuframleiðsla
Inni hringur: Uppsett rafafi í virkjunum

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Installed electrical capacity and electricity production in power plants by source 2015

Total installed capacity: 2.734 MW
Total electricity production: 18.799 GWh

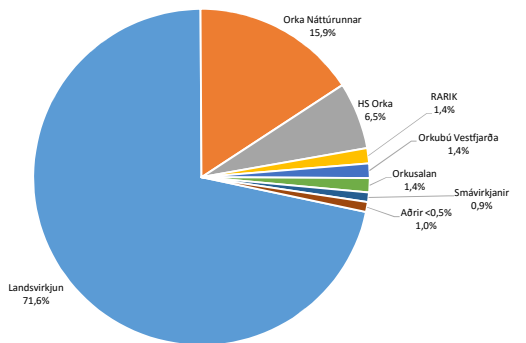


Outer ring: Electricity production 2015
Inner ring: Installed capacity in power plants

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Uppsett rafafi eftir framleiðanda 2015

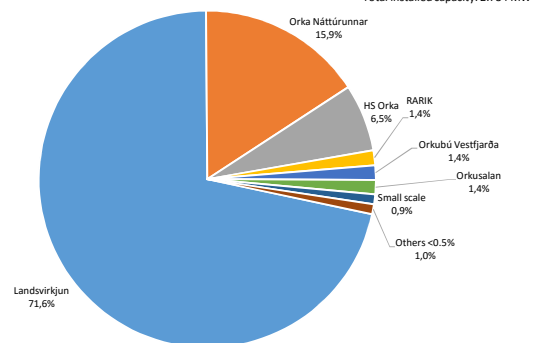
Heildaruppsett rafafi: 2.734 MW



Talnaefni Orkustofnunar: OS-2017-T004-01

Installed electrical capacity in power plants by producer 2015

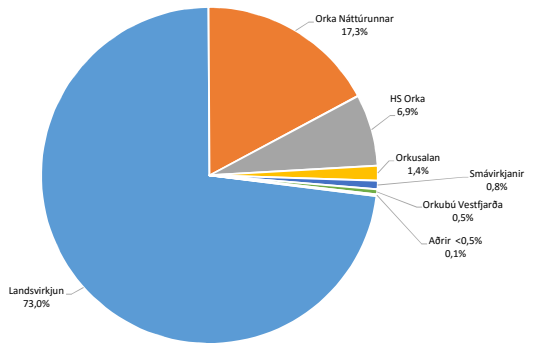
Total installed capacity: 2.734 MW



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Raforkuframleiðsla eftir framleiðanda 2015

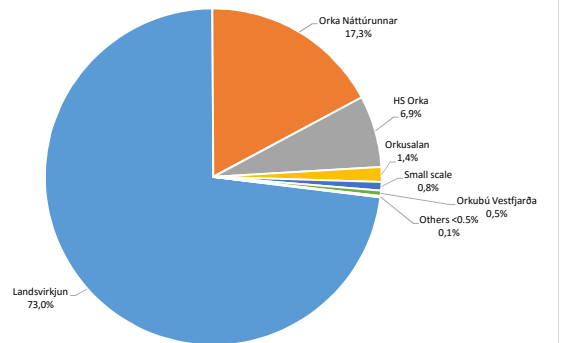
Heildarraforkuframleiðsla: 18.799 GWh



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Electricity production by producer 2015

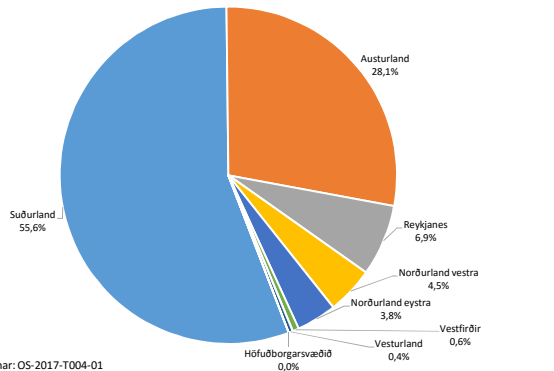
Total electricity production: 18.799 GWh



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Raforkuframleiðsla eftir landsvæðum 2015

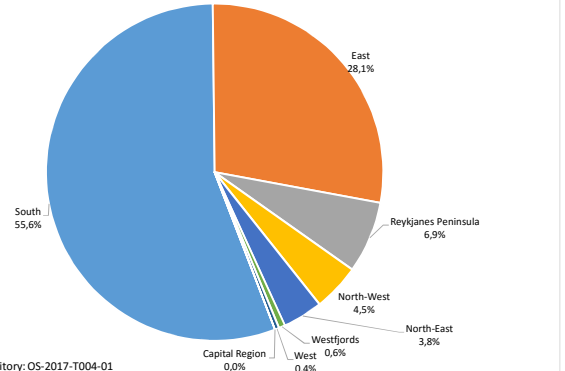
Heildarraforkuframleiðsla: 18.799 GWh



Talnaefni Orkustofnunar: OS-2017-T004-01

Electricity production by region 2015

Total electricity production: 18.799 GWh



Orkustofnun Data Repository: OS-2017-T004-01