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Tafla 1 : Uppsett rafafi og raforkuframleiðsla á Íslandi árið 2020 skipt eftir uppruna

Table 1: Installed electrical capacity in power plants and electricity production in Iceland 2020 by energy source

Uppruni Source	Uppsett rafafi [kW] Installed electrical capacity [kW]	Hlutfallsleg skipting Installed electrical capacity	Raforkuframleiðsla [MWh] Electricity production [MWh]	Hlutfallsleg skipting Electricity production
Vatnsafi / Hydro	2.106.934	71,77%	13.156.972	68,79%
Jarðhiti / Geothermal	755.040	25,72%	5.960.602	31,16%
Vindur / Wind	1.800	0,06%	6.660	0,03%
Eldsneyti / Fuel	71.971	2,45%	3.067	0,02%
<b>Samtals / Total</b>	<b>2.935.745</b>	<b>100%</b>	<b>19.127.302</b>	<b>100%</b>

Tafla 2 : Uppsett rafafi og raforkuframleiðsla í vatnsaflsvirkjunum árið 2020

Table 2: Installed capacity and electricity production in hydro power plants 2020

Framleiðandi Producer	Heiti virkjunar Power Plant	Gangsetning [Ár] Operational [Year]	Uppsett rafafi [kW] Installed electrical capacity [kW]	Raforkuframleiðsla [kWh] Electricity production [kWh]
Fallorka	Glerárvirkjun II	2005/2018	3.590	25.774
Fallorka	Djúpadalsvirkjun I/II	2004/2006	2.800	18.353
HS Orka	Brúarvirkjun	2020	9.900	79.381
Landsvirkjun	Fliótsdalsstöð	2007	690.000	4.822.472
Landsvirkjun	Búrfell I/II	1969/2018	370.000	2.439.232
Landsvirkjun	Hrauneyjafoss	1981	210.000	1.144.673
Landsvirkjun	Sigalda	1977	150.000	834.446
Landsvirkjun	Blanda	1991	150.000	775.394
Landsvirkjun	Sultartangi	1999	120.000	769.380
Landsvirkjun	Búðarháls	2013	95.000	603.379
Landsvirkjun	Vatnsfell	2001	90.000	396.351
Landsvirkjun	Írafoss	1953	47.800	259.203
Landsvirkjun	Laxá	1939	27.500	168.094
Landsvirkjun	Steingrimsstöð	1959	26.400	142.932
Landsvirkjun	Ljósafoss	1937	14.600	102.739
Orka Náttúrunnar	Andakill	1947	8.200	33.628
Orkusalan	Lagarfoss I/II	1975/2007	27.200	182.614
Orkusalan	Skeiðfoss	1945	4.800	28.791
Orkusalan	Grímsá	1958	2.800	19.267
Orkusalan	Rjúkandi	1954	1.680	12.149
Orkusalan	Smyrlabjargá	1969	1.300	9.428
Orkusalan	Búðará	1930	240	1.844
Orkubú Vestfjarða	Mjólka I/II/III	1958/1973/2010	11.200	70.540
Orkubú Vestfjarða	Pverárvirkjun	1953	2.200	7.425
Orkubú Vestfjarða	Fossárvirkjun	2015	1.200	5.978
Orkubú Vestfjarða	Fossa- og Nónhornsvatn	1937	1.160	1.434
Orkubú Vestfjarða	Tungudalsvirkjun	2006	700	5.038
Orkubú Vestfjarða	Reiðhjallavirkjun	1958	514	1.917
Orkubú Vestfjarða	Blævardalsárvirkjun	1975	288	1.630
Orkubú Vestfjarða	Mýrarárvirkjun	1965	60	371
Smávirkjun / Small scale	Bjólfsvirkjun	2008	6.400	43.563
Smávirkjun / Small scale	Hólsvirkjun	2019	5.500	12.926
Smávirkjun / Small scale	Gúlsvirkjun	2009	3.400	18.678
Smávirkjun / Small scale	Múlavirkjun	2005	3.100	13.969
Smávirkjun / Small scale	Köldukvíslarvirkjun	2013	2.790	15.788
Smávirkjun / Small scale	Gönguskarðsá	2015	1.800	11.415
Smávirkjun / Small scale	Hvestuvirkjun I/II/III	2004/2020	1.597	7.179
Smávirkjun / Small scale	Árteigsvirkjun	2005/2009	1.215	9.817
Smávirkjun / Small scale	Urðarfellsvirkjun	2018	1.150	8.266
Smávirkjun / Small scale	Tjarnavirkjun	2020	1.000	3.805
Smávirkjun / Small scale	Ljósá	2007	980	5.567
Smávirkjun / Small scale	Mosvallavirkjun	2016	890	6.674
Smávirkjun / Small scale	Sængurfossárvirkjun	1976	720	872
Smávirkjun / Small scale	Sandárvirkjun	2003	701	4.257
Smávirkjun / Small scale	Lindá	2007	638	4.279
Smávirkjun / Small scale	Kiðárvirkjun I/II	2004	550	4.277
Smávirkjun / Small scale	Botnsá	2001	480	3.809
Smávirkjun / Small scale	Breiðadalavirkjun	2012	456	4.001
Smávirkjun / Small scale	Kaldárvirkjun	2018	400	1.754
Smávirkjun / Small scale	Pverárvirkjun - Öundurfirði	2018	400	2.032
Smávirkjun / Small scale	Kerahnjúkavirkjun	2004	370	2.675
Smávirkjun / Small scale	Sleitustaðavirkjun	1986	218	1.408
Smávirkjun / Small scale	Úlfárvirkjun	2019	200	2.808
Smávirkjun / Small scale	Selárvirkjun	2007	170	414
Smávirkjun / Small scale	Skógargerði	2012	145	1.216
Smávirkjun / Small scale	Tunguvirkjun	2001	144	814
Smávirkjun / Small scale	Systragilsvirkjun	2005	108	336
Smávirkjun / Small scale	Grenlækjavirkjun	2018	75	177
Smávirkjun / Small scale	Kerlingarfjöll	2020	60	8
Smávirkjun / Small scale	Rollulækjavirkjun	2001	55	94
Smávirkjun / Small scale	Bugavirkjun	2014	40	57
Smávirkjun / Small scale	Setbergsvirkjun	2019	37	53
Smávirkjun / Small scale	Stuttárvirkjun	1949	13	127
<b>Samtals / Total</b>			<b>2.106.934</b>	<b>13.156.972</b>

Tafla 3: Uppsett rafafli og raforkuframleiðsla í jarðvarmavirkjunum árið 2020

Table 3: Installed electrical capacity and electricity production in geothermal power plants 2020

Framleiðandi Producer	Heiti virkjunar Power Plant	Gangsetning [Ár] Operational [Year]	Uppsett rafafli [kW] Installed electrical capacity [kW]	Raforkuframleiðsla [MWh] Electricity production [MWh]
HS Orka	Reykjanes I/II	2006	100.000	829.368
HS Orka	Svartsengi	1977	76.400	609.015
Landsvirkjun	Peistareykjavirkjun	2017	90.000	583.130
Landsvirkjun	Krafla	1978	60.000	359.515
Landsvirkjun	Bjarnarflag	1969/2019	5.000	29.820
Orka Náttúrunnar	Hellisheiði	2006	303.000	2.573.372
Orka Náttúrunnar	Nesjavellir	1998	120.000	973.920
Smávirikjun / Small scale	Flúðavirkjun	2018	600	2.455
Smávirikjun / Small scale	Grásteinsvirkjun	2020	40	7
<b>Samtals / Total</b>			<b>755.040</b>	<b>5.960.602</b>

Tafla 4: Uppsett rafafli og raforkuframleiðsla í vindorkuverum árið 2020

Table 4: Installed electrical capacity and electricity production in wind turbines 2020

Framleiðandi Producer	Heiti virkjunar Power Plant	Gangsetning [Ár] Operational [Year]	Uppsett rafafli [kW] Installed electrical capacity [kW]	Raforkuframleiðsla [MWh] Electricity production [MWh]
Landsvirkjun	Hafid	2013	1.800	6.660
<b>Samtals / Total</b>			<b>1.800</b>	<b>6.660</b>

Tafla 5: Uppsett rafafli og raforkuframleiðsla í eldsneytisorkuverum árið 2020

Table 5: Installed electrical capacity and electricity production in fossil fuel power plants 2020

Framleiðandi Producer	Heiti virkjunar Power Plant	Gangsetning [Ár] Operational [Year]	Uppsett rafafli [kW] Installed electrical capacity [kW]	Raforkuframleiðsla [MWh] Electricity production [MWh]
HS Veitur	Vestmannaeyjar	1973	5.070	140
HS Veitur	Hafnarfjörður	1999	1.100	
HS Veitur	Selfoss		1.024	
Landsnet	Bolungarvík	2014	10.800	904
Norðurorka	Laugaland	1993	1.200	
Norðurorka	Akureyri, rafveita	1999	960	
Norðurorka	Akureyri, Slippurinn	1999	600	
Orkubú Vestfjarða	Patreksfjörður	1964	4.300	244
Orkubú Vestfjarða	Flatey	2006	182	235
Orkubú Vestfjarða	Ísafjörður, Mjósund	1976	4.300	8
Orkubú Vestfjarða	Þingeyri	1980	1.520	155
Orkubú Vestfjarða	Hólmavík	1990	1.400	62
Orkubú Vestfjarða	Súðavík	1986	1.400	88
Orkubú Vestfjarða	Bíldudalur	1973	1.200	38
Orkubú Vestfjarða	Reykholár		750	30
Orkubú Vestfjarða	Suðureyri	1975	720	1
Orkubú Vestfjarða	Reykjanes		666	7
Orkubú Vestfjarða	Drangsnæs	1975	470	4
Orkubú Vestfjarða	Flateyri	1975	420	20
RARIK	Neskaupstaður		6.094	107
RARIK	Vopnafjörður		6.000	
RARIK	Ólafsvík		4.178	53
RARIK	Seyðisfjörður		2.765	6
RARIK	Fáskrúðsfjörður		2.599	1
RARIK	Þórshöfn		2.234	20
RARIK	Skagaströnd		1.629	0
RARIK	Vík í Mýrdal		1.281	12
RARIK	Stykkishólmur		1.160	17
RARIK	Raufarhöfn		1.127	
RARIK	Bakkafjörður		781	-
RARIK	Kirkjubæjarklaustur		729	3
RARIK	Grimsey		681	834
RARIK	Húsavík		640	6
RARIK	Hrísey		551	2
RARIK	Búðardalur		551	2
RARIK	Stöðvarfjörður		551	
RARIK	Mjólfjörður		238	4
RARIK	Grimstaðir á fjöllum	2017	100	44
RARIK	Síglufjörður		-	21
RARIK	Grenivík		-	
<b>Samtals / Total</b>			<b>71.971</b>	<b>3.067</b>

Tafla 6: Uppsett rafafi eftir framleiðanda 2020  
Table 6: Installed electrical capacity by producer 2020

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	1.991.300	155.000	1.800	-	2.148.100
Orka Náttúrunnar	8.200	423.000	-	-	431.200
HS Orka	9.900	176.400	-	-	186.300
Orkusalan	38.020	-	-	-	38.020
Orkubú Vestfjarða	17.322	-	-	17.328	34.650
RARIK	-	-	-	33.889	33.889
Smávirkjun / Small scale	35.802	640	-	-	36.442
Landsnet	-	-	-	10.800	10.800
HS Veitur	-	-	-	7.194	7.194
Norðurorka	-	-	-	2.760	2.760
Fallorka	6.390	-	-	-	6.390
Rafveita Reyðarfjarðar	-	-	-	-	-
Orkuveita Húsavíkur	-	-	-	-	-
<b>Samtals / Total</b>	<b>2.106.934</b>	<b>755.040</b>	<b>1.800</b>	<b>71.971</b>	<b>2.935.745</b>

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Tafla 7: Raforkuframleiðsla eftir framleiðanda 2020  
Table 7: Electricity production by producer 2020

Framleiðandi	Raforkuframleiðsla - Vatnsafi [MWst]	Raforkuframleiðsla - Jarðhiti [MWst]	Raforkuframleiðsla - Vindorka [MWst]	Raforkuframleiðsla - Eldsneyti [MWst]	Samtals [MWst]
Producer	Electricity production - Hydro [MWh]	Electricity production - Geothermal [MWh]	Electricity production - Wind [MWh]	Electricity production - Fuel [MWh]	Total [MWh]
Landsvirkjun	12.458.295	972.465	6.660	-	13.437.420
Orka Náttúrunnar	33.628	3.547.293	-	-	3.580.921
HS Orka	79.381	1.438.383	-	-	1.517.763
Orkusalan	254.092	-	-	-	254.092
Smávirkjun / Small scale	193.117	2.462	-	-	195.579
Orkubú Vestfjarða	94.332	-	-	892	95.224
Fallorka	44.127	-	-	-	44.127
Rafveita Reyðarfjarðar	-	-	-	-	-
Landsnet	-	-	-	904	904
RARIK	-	-	-	1.131	1.131
Norðurorka	-	-	-	-	-
HS Veitur	-	-	-	140	140
Orkuveita Húsavíkur	-	-	-	-	-
<b>Samtals / Total</b>	<b>13.156.972</b>	<b>5.960.602</b>	<b>6.660</b>	<b>3.067</b>	<b>19.127.302</b>

