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Tafla 1 : Uppsett rafafi og raforkuframleiðsla á Íslandi árið 2017 skipt eftir uppruna

Table 1: Installed electrical capacity in power plants and electricity production in Iceland 2017 by energy source

| Uppruni | Uppsett rafafi [kW] | Hlutfallsleg skipting | Raforkuframleiðsla [MWh] | Hlutfallsleg skipting |
|-----------------------|------------------------------------|------------------------------|------------------------------|------------------------------|
| Source | Installed electrical capacity [kW] | Electricity production [MWh] | Electricity production [MWh] | Electricity production [MWh] |
| Vatnsafi / Hydro | 1.984.079 | 71,71% | 14.058.722 | 73,08% |
| Jarðhiti / Geothermal | 707.600 | 25,58% | 5.169.599 | 26,87% |
| Vindur / Wind | 3.030 | 0,11% | 8.127 | 0,04% |
| Eldsneyti / Fuel | 71.971 | 2,60% | 2.085 | 0,01% |
| Samtals / Total | 2.766.680 | 100% | 19.238.533 | 100% |

Tafla 2 : Uppsett rafafi og raforkuframleiðsla í vatnsafsvirkjunum árið 2016

Table 2: Installed capacity and electricity production in hydro power plants 2016

| 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 | 18.658 |
| Landsvirkjun | Fliótsdalstöð | 2007 | 690.000 | 5.064.463 |
| Landsvirkjun | Búrfell | 1969 | 270.000 | 2.345.210 |
| Landsvirkjun | Hrauneyjafoss | 1981 | 210.000 | 1.365.870 |
| Landsvirkjun | Sultartangi | 1999 | 120.000 | 1.033.851 |
| Landsvirkjun | Sigalda | 1977 | 150.000 | 978.895 |
| Landsvirkjun | Blanda | 1991 | 150.000 | 868.596 |
| Landsvirkjun | Búðarháls | 2013 | 95.000 | 687.773 |
| Landsvirkjun | Vatnsfell | 2001 | 90.000 | 396.255 |
| Landsvirkjun | Írafoss | 1953 | 47.800 | 310.529 |
| Landsvirkjun | Steingrímsstöð | 1959 | 26.400 | 163.796 |
| Landsvirkjun | Laxá | 1939 | 27.500 | 129.685 |
| Landsvirkjun | Ljósafoss | 1937 | 14.600 | 114.511 |
| Norðurorka | Glerárvirkjun | 2005 | 307 | 786 |
| Orka Náttúrunnar | Andakill | 1947 | 8.200 | 29.791 |
| Orkusalan | Lagarfoss I/II | 1975/2007 | 27.200 | 207.637 |
| Orkusalan | Skeiðfoss | 1945 | 4.800 | 23.869 |
| Orkusalan | Grímsá | 1958 | 2.800 | 19.913 |
| Orkusalan | Rjúkandi | 1954 | 1.680 | 15.046 |
| Orkusalan | Smyrlabjargá | 1969 | 1.000 | 8.710 |
| Orkubú Vestfjarða | Mjólka | 1958 | 10.600 | 73.494 |
| Orkubú Vestfjarða | Pverárvirkjun | 1953 | 2.430 | 6.695 |
| Orkubú Vestfjarða | Fossárvirkjun | 2015 | 1.200 | 5.070 |
| Orkubú Vestfjarða | Tungudalsvirkjun | 2006 | 700 | 4.969 |
| Orkubú Vestfjarða | Reiðhjallavirkjun | 1958 | 514 | 1.872 |
| Orkubú Vestfjarða | Blævardalsárvirkjun | 1975 | 288 | 1.618 |
| Orkubú Vestfjarða | Fossa- og Nónhornsvatn | 1937 | 1.160 | 1.504 |
| Orkubú Vestfjarða | Mýrarárvirkjun | 1965 | 60 | 374 |
| RARIK | Gönguskarðsá | 2015 | 1.800 | 11.581 |
| Rafveita Reyðarfjarðar | Búðará | 1930 | 240 | 1.898 |
| Smávirkjun / Small scale | Bjólfsvirkjun | 2008 | 6.400 | 50.292 |
| Smávirkjun / Small scale | Gúlsvirkjun | 2009 | 3.400 | 23.134 |
| Smávirkjun / Small scale | Múlavirkjun | 2005 | 3.100 | 17.017 |
| Smávirkjun / Small scale | Köldukvíslarvirkjun | 2013 | 2.790 | 14.279 |
| Smávirkjun / Small scale | Árteigsvirkjun | 2005/2009 | 1.215 | 9.617 |
| Smávirkjun / Small scale | Hvestuvirkjun | 2004 | 1.430 | 8.392 |
| Smávirkjun / Small scale | Mosvallavirkjun | 2016 | 890 | 7.492 |
| Smávirkjun / Small scale | Ljósá | 2007 | 980 | 6.819 |
| Smávirkjun / Small scale | Sandárvirkjun | 2003 | 701 | 4.873 |
| Smávirkjun / Small scale | Lindá | 2007 | 638 | 4.809 |
| Smávirkjun / Small scale | Breiðadalsvirkjun | 2012 | 456 | 4.183 |
| Smávirkjun / Small scale | Kiðárvirkjun I/II | 2004 | 550 | 4.095 |
| Smávirkjun / Small scale | Botnsá | 2001 | 480 | 3.721 |
| Smávirkjun / Small scale | Kerahnjúkavirkjun | 2004 | 370 | 2.920 |
| Smávirkjun / Small scale | Sængurfossárvirkjun | 1976 | 720 | 1.304 |
| Smávirkjun / Small scale | Skógargerði | 2012 | 145 | 1.095 |
| Smávirkjun / Small scale | Tunguvirkjun | 2001 | 144 | 918 |
| Smávirkjun / Small scale | Selárvirkjun | 2007 | 170 | 472 |
| Smávirkjun / Small scale | Systragilsvirkjun | 2005 | 108 | 344 |
| Smávirkjun / Small scale | Bugavirkjun | 2014 | 40 | 16 |
| Smávirkjun / Small scale | Rollulækjavirkjun | 2001 | 55 | 10 |
| Smávirkjun / Small scale | Sleitustaðavirkjun | 1986 | 218 | 2 |
| Samtals / Total | | | 1.984.079 | 14.058.722 |

Tafla 3: Uppsett rafafli og raforkuframleiðsla í jarðvarmavirkjunum árið 2017

Table 3: Installed electrical capacity and electricity production in geothermal power plants 2017

| 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 | 608.060 |
| HS Orka | Svartsengi | 1977 | 76.400 | 552.784 |
| Landsvirkjun | Krafla | 1978 | 60.000 | 488.034 |
| Landsvirkjun | Peistareykjavirkjun | 2017 | 45.000 | 70.583 |
| Landsvirkjun | Bjarnarflag | 1969 | 3.200 | 6.494 |
| Orka Náttúrunnar | Hellisheiði | 2006 | 303.000 | 2.453.653 |
| Orka Náttúrunnar | Nesjavellir | 1998 | 120.000 | 989.991 |
| Samtals / Total | | | 707.600 | 5.169.599 |

Tafla 4: Uppsett rafafli og raforkuframleiðsla í vindorkuverum árið 2017

Table 4: Installed electrical capacity and electricity production in wind turbines 2017

| 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 | 5.630 |
| Smávirkjun / Small scale | Hábær (Pykkvibær) | 2014 | 1.200 | 2.497 |
| Smávirkjun / Small scale | Belgsholt | 2011 | 30 | - |
| Samtals / Total | | | 3.030 | 8.127 |

Tafla 5: Uppsett rafafli og raforkuframleiðsla í eldsneytisorkuverum árið 2017

Table 5: Installed electrical capacity and electricity production in fossil fuel power plants 2017

| 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 | 280 |
| HS Veitur | Hafnarfjörður | 1999 | 1.100 | - |
| HS Veitur | Selfoss | | 1.024 | - |
| Landsnet | Bolungarvík | 2014 | 10.800 | 360 |
| Norðurorka | Laugaland | 1993 | 1.200 | - |
| Norðurorka | Akureyri, rafveita | 1999 | 960 | - |
| Norðurorka | Akureyri, Slippurinn | 1999 | 600 | - |
| Orkubú Vestfjarða | Flatey | 2006 | 182 | 127 |
| Orkubú Vestfjarða | Patreksfjörður | 1964 | 4.300 | 86 |
| Orkubú Vestfjarða | Bíldudalur | 1973 | 1.200 | 38 |
| Orkubú Vestfjarða | Pingeyri | 1980 | 1.520 | 25 |
| Orkubú Vestfjarða | Hólmavík | 1990 | 1.400 | 19 |
| Orkubú Vestfjarða | Súðavík | 1986 | 1.400 | 15 |
| Orkubú Vestfjarða | Ísafjörður, Mjósund | 1976 | 4.300 | 10 |
| Orkubú Vestfjarða | Flateyri | 1975 | 420 | 5 |
| Orkubú Vestfjarða | Reykhólar | | 750 | 4 |
| Orkubú Vestfjarða | Reykjanes | | 666 | 2 |
| Orkubú Vestfjarða | Suðureyri | 1975 | 720 | 2 |
| Orkubú Vestfjarða | Dranganes | 1975 | 470 | 1 |
| RARIK | Grimsey | | 681 | 742 |
| RARIK | Ólafsvík | | 4.178 | 70 |
| RARIK | Siglufjörður | | - | 66 |
| RARIK | Neskaupstaður | | 6.094 | 61 |
| RARIK | Mjólfjörður | | 238 | 57 |
| RARIK | Pórhöfn | | 2.234 | 44 |
| RARIK | Grimstaðir á fjöllum | 2017 | 100 | 42 |
| RARIK | Vík í Myrdal | | 1.281 | 11 |
| RARIK | Stykkishólmur | | 1.160 | 6 |
| RARIK | Bakkafjörður | | 781 | 5 |
| RARIK | Húsavík | | 640 | 3 |
| RARIK | Seyðisfjörður | | 2.765 | 2 |
| RARIK | Fáskrúðsfjörður | | 2.599 | 2 |
| RARIK | Skagaströnd | | 1.629 | 1 |
| RARIK | Hrísey | | 551 | 0 |
| RARIK | Búðardalur | | 551 | 0 |
| RARIK | Kirkjubæjarklaustur | | 729 | 0 |
| RARIK | Stöðvarfjörður | | 551 | - |
| RARIK | Raufarhöfn | | 1.127 | - |
| RARIK | Grenivík | | - | - |
| RARIK | Vopnafjörður | | 6.000 | - |
| Samtals / Total | | | 71.971 | 2.085 |

Tafla 6: Uppsett rafafi eftir framleiðanda 2017
Table 6: Installed electrical capacity by producer 2017

| Framleiðandi | Uppsett rafafi - Vatnsafl [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 | 108.200 | 1.800 | - | 1.956.300 |
| Orka Náttúrunnar | 8.200 | 423.000 | - | - | 434.360 |
| HS Orka | - | 176.400 | - | - | 176.400 |
| RARIK | 1.800 | - | - | 33.889 | 39.380 |
| Orkubú Vestfjarða | 16.952 | - | - | 17.328 | 38.190 |
| Orkusalan | 37.480 | - | - | - | 37.480 |
| Smávirkjanir / Small scale | 25.000 | - | 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 |
| Rafveita Reyðarfjarðar | 240 | - | - | - | 240 |
| Samtals / Total | 1.984.079 | 707.600 | 3.030 | 71.971 | 2.766.680 |

Tafla 7: Raforkuframleiðsla eftir framleiðanda 2017
Table 7: Electricity production by producer 2017

| Framleiðandi | Raforkuframleiðsla - Vatnsafl [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 | 13.459.434 | 565.110 | 5.630 | - | 13.714.501 |
| Orka Náttúrunnar | 29.791 | 3.443.644 | - | - | 3.249.179 |
| HS Orka | - | 1.160.844 | - | - | 1.294.107 |
| Orkusalan | 275.174 | - | - | - | 268.938 |
| Smávirkjanir / Small scale | 165.804 | - | 2.497 | - | 154.249 |
| Orkubú Vestfjarða | 95.596 | - | - | 334 | 94.117 |
| Fallorka | 18.658 | - | - | - | 17.932 |
| Rafveita Reyðarfjarðar | 1.898 | - | - | - | 1.978 |
| Landsnet | - | - | - | 360 | 1.425 |
| RARIK | 11.581 | - | - | 1.111 | 1.181 |
| Norðurorka | 786 | - | - | - | 535 |
| HS Veitur | - | - | - | 280 | 422 |
| Orkuveita Húsavíkur | - | - | - | - | - |
| Samtals / Total | 14.058.722 | 5.169.599 | 8.127 | 2.085 | 19.238.533 |



