

Base year is 2016

KEY PERFORMANCE INDICATORS	Unit	2016	2020	2021	2022	2023
<b>Greenhouse gas emissions <sup>1</sup></b>	<b>t CO<sub>2</sub>eq</b>					
Scope 1	t CO <sub>2</sub> eq	56,720	52,240	48,810	50,830	51,820
Scope 2 (location based)	t CO <sub>2</sub> eq	0	265	430	490	525
Scope 3	t CO <sub>2</sub> eq	16,900	17,675	22,345	22,830	19,940
<b>CARBON FOOTPRINT</b>	<b>t CO<sub>2</sub>gildi</b>	<b>73,620</b>	<b>70,180</b>	<b>71,585</b>	<b>74,150</b>	<b>72,285</b>
Sequestration in land reclamation, afforestation, avoided emissions wetland restorat.	t CO <sub>2</sub> gildi	-6,945	-7,005	-7,015	-7,040	-7,040
Carbon offsetting	t CO <sub>2</sub> gildi	0	0	-500	-1,250	-1,200
Net emissions CO <sub>2</sub>	t CO <sub>2</sub> gildi	66,675	61,925	63,320	64,510	64,055
<b>Injection from geothermal power plants</b>						
CO <sub>2</sub> injection from Hellisheidi	t CO <sub>2</sub>	9,000	11,700	13,300	12,100	10,600
H <sub>2</sub> S injection from Hellisheidi	t H <sub>2</sub> S	4,900	5,800	7,500	6,200	5,400
CO <sub>2</sub> injection from Nesjavellir	t CO <sub>2</sub>	0	0	0	0	1,300
H <sub>2</sub> S injection from Nesjavellir	t H <sub>2</sub> S	0	0	0	0	500
<b>HYDROGEN SULFIDE EMISSIONS (H<sub>2</sub>S)</b>						
H <sub>2</sub> S emissions from Hellisheidi og Nesjavellir	t H <sub>2</sub> S	12,100	11,700	8,300	8,700	9,700
H <sub>2</sub> S intensity per unit of produced electricity (ON Power)	g H <sub>2</sub> S/kWh	2.2	1.9	1.3	1.4	1.5
<b>Emission factors for consumers</b>						
Direct emissions, electricity prod. (scope 2)	g CO <sub>2</sub> eq/kWh	99	79	73	75	73
Direct emissions, hot water prod. (scope 2)	g CO <sub>2</sub> eq/m <sup>3</sup>	245.0	213.0	216.2	231.3	205.2
Emissions, losses in electricity grid (scope 3)	g CO <sub>2</sub> eq/kWh	0.4	0.3	0.3	0.3	0.3
Emissions, losses in district heating (scope 3)	g CO <sub>2</sub> eq/m <sup>3</sup>	0.0	0.0	0.0	0.0	0.0
Indirect emissions, electr.production (scope 3)	g CO <sub>2</sub> eq/kWh	1.8	1.8	1.8	1.8	1.8
Indirect emissions, hot water production (scope 3)	g CO <sub>2</sub> eq/m <sup>3</sup>	44.7	48.6	53.5	55.5	50.3
Guarantee of Origin in Iceland (Orkustofnun. scope 2) <sup>2,3</sup>	g CO <sub>2</sub> eq/kWh	460.3	376.4	377.9	427.1	510.7
<b>CO<sub>2</sub> emissions in operations</b>						
CO <sub>2</sub> emissions per revenue	t CO <sub>2</sub> eq/billion ISK	1,559	1,507	1,386	1,293	1,171
CO <sub>2</sub> emissions per unit of premisses	t CO <sub>2</sub> eq/thous.m <sup>3</sup>	83	94	91	93	86
CO <sub>2</sub> emissions per employee	t CO <sub>2</sub> eq/employee	123	115	126	122	122
<b>Energy use</b>						
Total energy consumption	kWh	361,608,140	392,861,590	372,040,581	402,244,680	457,111,596
+ There of methane from Sorpa	Nm <sup>3</sup>	12,300	38,050	32,600	28,600	17,222
+ There of petrol	Liter	22,700	5,850	5,000	7,600	16,812
+ There of diesel	Liter	186,650	169,700	140,000	156,600	202,974
+ There of electricity	kWh	319,432,000	352,491,000	335,310,501	359,090,000	401,844,000
+ There of hot water	kWh	34,290,000	32,712,000	30,363,000	36,250,000	46,806,000
Percentage of renewable energy	%	97.8%	98.1%	98.3%	98.3%	98.1%
Electricity usage without Guaranties of origin	MWh	0	0	0	0	14,342
<b>Water use</b>						
Total use of hot and cold water	m <sup>3</sup>	72,878,734	83,721,610	77,070,592	87,435,000	82,707,000
+ There of cold water	m <sup>3</sup>	72,287,534	83,157,610	76,547,092	86,810,000	81,900,000
+ There of hot water	m <sup>3</sup>	591,200	564,000	523,500	625,000	807,000

<sup>1</sup> In 2023, Reykjavík Energy (RE) conducted a detailed review of its energy and utility operations, along with projects that contribute to biological diversity and carbon sequestration. Therefore, the net greenhouse gas (GHG) emissions are higher in the environmental accounting now than before. RE has retrospectively calculated GHG emissions and sequestration, etc. The year 2016 is the base year for the accounting.

<sup>2</sup> [Guarantee of origin on Orkustofnun's website \(IS\)](#)

<sup>3</sup> The origin of electricity in Iceland for 2023 will be published in the first half of 2024, and therefore the same figure is used for 2023 and 2022.

<b>Waste</b>						
Mixed waste total	kg	111,000	121,700	99,480	83,265	98,777
Sewage waste total	kg	730,000	976,900	581,900	818,200	543,198
Gardening waste total	kg	20,200	0	0	0	4,600
Glass total	kg	1,800	55,900	106,870	87,960	135
Construction waste total	kg	55,170	136,300	160,240	140,530	57,012
Paper and cardboard total	kg	27,270	20,740	21,070	18,870	20,366
Food waste total	kg	20,200	23,700	25,840	25,775	31,424
Electronic equipment total	kg	2,200	3300	8400	4785	5077
Metals total	kg	124,000	157,440	182,470	141,100	99,260
Hazardous waste total	kg	307,330	566,330	156,430	504,156	401,088
+ There of asbestos	kg	298,000	554,000	135,000	453,200	389,640
<b>Office paper consumption</b>						
Total paper consumption	sheets	631,400	161,500	188,170	173,106	199,692
+ There of colour printing	sheets	-	100,400	82,926	88,262	124,090
+ There of black/white printing	sheets	-	61,100	105,244	84,844	75,602
Total paper consumption, bills	sheets	717,700	426,100	457,937	391,540	344,266
Envelopes, bills	envelopes	362,750	345,200	383,718	327,884	292,005
<b>More information from operations</b>						
Fuel carbon tax paid annually	ISK	1,239,075	2,001,565	1,696,250	1,966,830	2,828,638
Revenue	billion ISK	41.4	48.6	51.9	57.0	61.7
Full-time employees (yearly average)	number	524	639	569	603	557
Owned premises (space)	Thous. m <sup>3</sup>	780	780	790	790	790
Total production of water	m <sup>3</sup>	112,151,000	127,467,000	121,858,000	121,781,000	128,466,000
+ There of cold water	m <sup>3</sup>	27,803,000	26,389,000	26,205,000	26,935,000	29,124,000
+ There of from geothermal power plants	m <sup>3</sup>	35,893,000	47,452,000	49,060,000	50,620,000	54,116,000
+ There of from low-temperature fields	m <sup>3</sup>	48,455,000	53,626,000	46,593,000	44,226,000	45,226,000
Total production of energy	TWh	8.3	9.4	9.1	9.0	9.3
+ There of electricity	TWh	3.4	3.6	3.5	3.5	3.5
+ There of hot water from high-temp. fields	TWh	2.1	2.7	2.8	2.9	3.1
+ There of hot water from low-temp. fields	TWh	2.8	3.1	2.7	2.6	2.6
Relative injection of high-temp. geoth. water	%	69%	69%	76%	68%	68%
Issued Guarantees of Origin <sup>4</sup>	MWh	3,152,754	3,312,447	3,283,723	3,187,580	3,226,065
Own cars and rented vehicles	number	177	217	194	221	216
+ There of petrol and diesel	number	116	125	115	127	117
+ There of electricity	number	21	45	42	55	65
+ There of plug-in hybrid	number	2	9	10	17	15
+ There of hybrid	number	19	8	1	0	0
+ There of methane	number	19	25	20	16	13
+ There of hydrogen	number	0	5	6	6	6

<sup>4</sup>Guaranties of origins are issued for net production of ON Power's power plants, ie, quantities produced less own use,