

Iberdrola's Key Sustainability Indicators for 2024

Environmental performance	Unit	2024	2023	2022
Use and management of resources				
Total water use	hm3	61	80	76
Water use/Global production	m3/GWh	464	473	470
Recycled waste (ashes + hazardous and non-hazardous waste)	t	473,690	233,857	196,974
Hazardous waste from energy generated	t/GWh	0.246	0.089	0.108
Generated Waste (ashes + hazardous and non-hazardous waste)	t	571,590	337,551	361,749
Environmental investments	M €	1,785	4,725	5,977
Environmental expenses	M €	655	258	676
Internal energy consumption intensity	GJ/MWh	2.38	2.74	2.73
Facilities under certified environmental management system	%	90	79	79
Renewable Energy used	GJ	375,389	n,d,	447,980
Energy produced under certified environmental management systems	%	90	80	80
Electricity purchased from third-parties and sold				
From non-renewable energy sources	GWh	98,803.00	n,d,	n,d,
From renewable energy sources	GWh	78,917.00	n,d,	n,d,
Greenhouse gas emissions				
Direct CO2 emissions, Scope 1l	kt CO2 eq	8,913	10,588	11,927
Indirect CO2 emissions, Scope 2 (market-based)	kt CO2 eq	2,437.92	n,d,	1,879.00
Indirect CO2 emissions, Scope 2 (location-based)	kt CO2 eq	2,468.92	2,594.18	1,879.00
Indirect CO2 emissions, Scope 3	kt CO2 eq	31,461	39,304	42,679
Specific CO ₂ emissions (2)	g CO ₂ /kWh	65	77	83
Scope 1 + 2 + 3 emissions (market-based)	kt CO2 eq	42,814	49,892	57,628
Scope 1 + 2 + 3 emissions (location-based)	kt CO2 eq	42,843	52,486	n,d,
SF6 emissions	t CO2 eq	40,279.05	55,756	76,726
Gas leaks ²	%	0.85	0.79	0.92
Otras emisiones				
SO ₂ emissions	t	401	769	1,011
Particle emissions	t	408	1,164	1,165
NOX emissions	t	20,236	56,928	58,186
Mercury (Hg) emissions	kg	0	0	0
Scope 1+2 Emissions / Sales	t CO ₂ /M€	254	250	244
Volatile Organic Compounds (NMVOCs)	t	0	0	468.9
Fly ash produced	t	0	0	0
Significant spills	n°	7	6	12
Energy consumption				
Consumption of renewable electricity in buildings	MWh	170,704	129,214	69,502
Electricity consumption in buildings	GJ	783,036	733,290	547,829
Fuel consumption	GJ	472,315,386	764,616,214	756,208,405
Internal energy consumption intensity	GJ/MWh	2.38	2.74	2.73
CO ₂ avoided by efficiency initiatives	kt	21,756	26,673	30,741

¹ Own production.
² These leaks, caused by venting, fugitives, pneumatic leaks, and unburned gas, account for 0.79% of the distributed gas.