

Environmental Data

				FY2021	FY2022	FY2023	
Customer	Customer	Number of customers		416,788	417,252	417,624	
	Air	CO ₂ emissions from customers	Emissions amount (t-CO ₂)	1,296,650	1,145,515	1,101,646	
Related to business activities	Materials and products	Amount of LNG raw materials (thousands of t) <Hatsukaichi LNG terminal>		407.3	322.1	357.7	
		Gas sales volume (millions of m ³)	Including wholesale supply	566.2	500.2	481.0	
			Excluding wholesale supply	473.8	424.0	396.0	
		Gasification efficiency (%)		99.6	99.6	99.7	
	Energy	Purchased power consumption amount (thousands of kWh)	Production	3,604	3,688	2,739	
			Office	3,348	3,317	3,223	
			Total	6,952	7,005	5,962	
			Hiroshima Gas Group (Six main companies)	1,633	1,632	1,329	
		City gas consumption amount (thousands of m ³)	Production	5,530	4,739	4,488	
			Office	379	395	358	
			Total	5,909	5,134	4,846	
			Hiroshima Gas Group (Six main companies)	323	341	386	
	Water	Water consumption amount (thousands of m ³)	Production	18.3	17.6	16.1	
			Office	16.8	17.8	18.1	
			Total	35.1	35.4	34.2	
			Hiroshima Gas Group (Six main companies)	14.1	14.3	15.0	
	Paper	Number used (thousands of sheets)		3,135	2,460	2,227	
	Air and water quality	City gas production CO ₂	Emissions amount (t-CO ₂)	13,742	12,100	11,593	
			Emissions unit (g-CO ₂ /m ³)	30.3	30.0	30.0	
			NOx	16.8	11.2	12.1	
			Methane	10	7	5	
		Office CO ₂	Emissions amount (t-CO ₂)	3,010	2,975	2,897	*1
			Emissions unit (g-CO ₂ /m ³)	5.3	5.9	6.0	
	Waste, etc.	General waste	Generation amount (t)	74.4	74.2	64.2	
			Recycled amount (t)	62.6	60.5	56.1	
			Recycling rate (%)	84.1	81.5	87.4	
			External emissions amount (t)	11.8	13.7	8.1	
		Hiroshima Gas Group (Six main companies)					
			Generation amount (t)	36.7	38.3	24.2	
			Recycled amount (t)	28.0	29.3	20.4	
			Recycling rate (%)	76.4	76.5	84.2	
			External emissions amount (t)	8.7	9.0	3.8	
		Industrial waste (Plant)	Generation amount (t)	2.4	9.7	1.9	
			Reduction/recycled amount (t)	2.2	9.2	1.7	
			Reduction/recycling rate (%)	92	95	91	
			Final disposal amount (t)	0.2	0.5	0.2	
		Industrial waste (Office)	Generation amount (t)	198.2	154.0	152.3	
			Reduction/recycled amount (t)	174.8	131.5	130.9	
			Reduction/recycling rate (%)	88.2	85.4	85.9	
			Final disposal amount (t)	23.4	22.5	21.4	
		Industrial waste (Group)	Hiroshima Gas Group (Six main companies)				
			Generation amount (t)	38,328	24,451	24,553	
			Reduction/recycled amount (t)	38,041	24,390	24,529	
			Reduction/recycling rate (%)	99.2	99.7	99.9	
			Final disposal amount (t)	287	61	24	
		Polyethylene pipes	Generation amount (t)	8.3	14.5	11.9	
			Recycled amount (t)	8.3	14.5	11.9	
			Recycling rate (%)	100.0	100.0	100.0	
		Cast iron and steel pipes	Generation amount (t)	226.3	296.7	294.9	
			Recycled amount (t)	226.3	296.7	294.9	
			Recycling rate (%)	100.0	100.0	100.0	
		Earth and sand associated with gas piping work	Generation amount (thousands of t)	98.8	67.6	63.4	
			Reduction amount (thousands of t)	75.9	71.8	71.5	
			Reduction rate (%)	43.5	51.5	53.0	
			Recycled amount (thousands of t)	98.7	67.6	63.3	
			Recycling rate (%)	99.9	99.9	99.9	
	Green procurement	Procurement rate (%)		22.9	31.4	30.4	
CO ₂ emission coefficient	City gas	13 A	(kg-CO ₂ /m ³ N)	2.29	2.29	2.29	*2
	Purchased power	Heating power average value (marginal power supply)	(kg-CO ₂ /kWh)	0.66	0.66	0.66	
		Chugoku Electric Power Co., Inc. actual emission factor	(kg-CO ₂ /kWh)	0.531	0.529	0.537	
	Light oil		(kg-CO ₂ /liter)	2.58	2.58	2.58	
	Kerosene		(kg-CO ₂ /liter)	2.49	2.49	2.49	

*1 The Chugoku Electric Power Co., Inc. actual emission factors are adopted for the purchased power CO₂ emission factors.
(2021: 0.531kg-CO₂/kWh, 2022: 0.529kg-CO₂/kWh, 2023: 0.537kg-CO₂/kWh)

*2 Calculated from the typical composition of our city gas (13A).