

Environmental Data

			FY2019	FY2020	FY2021			
Customer	Customer	Number of customers	414,396	415,500	416,788			
	Air	CO ₂ emissions from customers	Emissions amount (t-CO ₂)	1,365,358	1,305,110	1,296,650		
Related to business activities	Materials and products	Amount of LNG raw materials (thousands of t) <Hatsukaichi LNG terminal>		410.9	354.8	407.3		
		Gas sales volume (millions of m ³)	Including wholesale supply	596.2	569.9	566.2		
			Excluding wholesale supply	489.6	479.6	473.8		
		Gasification efficiency (%)		98.8	99.6	99.6		
	Energy	Purchased power consumption amount (thousands of kWh)	Production	3,955	3,952	3,604		
			Office	3,359	3,427	3,348		
			Total	7,314	7,379	6,952		
			Hiroshima Gas Group (Six main companies)	1,383	1,573	1,633		
		City gas consumption amount (thousands of m ³)	Production	5,624	5,402	5,530		
			Office	335	355	379		
	Total		5,959	5,757	5,909			
	Water	Water consumption amount (thousands of m ³)	Production	19.2	16.9	18.3		
			Office	21.0	24.2	16.8		
			Total	40.2	41.1	35.1		
			Hiroshima Gas Group (Six main companies)	10.3	12.7	14.1		
	Paper	Number used (thousands of sheets)	4,453	4,193	3,135			
	Air and water quality	City gas production CO ₂	Emissions amount (t-CO ₂)	14,797	14,095	13,742		
			Emissions unit (g-CO ₂ /m ³)	31.4	30.7	30.3		
			NOx Emissions amount (t)	16.9	21.1	16.8		
		Office CO ₂	Methane Emissions amount (t-CH ₄)	9	10	10		
			Emissions amount (t-CO ₂)	3,164	3,092	3,010	*1	
			Emissions unit (g-CO ₂ /m ³)	5.3	5.4	5.3		
	Waste, etc.	General waste	Generation amount (t)	83.5	93.5	74.4		
			Recycled amount (t)	71.9	76.7	62.6		
			Recycling rate (%)	86.1	82.1	84.1	*1	
			External emissions amount (t)	11.6	16.8	11.8		
			Hiroshima Gas Group (Six main companies)					
				Generation amount (t)	34.1	38.6	36.7	
		Industrial waste (Plant)	Recycled amount (t)	26.6	29.9	28.0		
			Recycling rate (%)	78.0	77.5	76.4		
			External emissions amount (t)	7.5	8.7	8.7		
			Generation amount (t)	2.7	3.7	2.4		
Reduction/recycled amount (t)			2.5	3.5	2.2			
Reduction/recycling rate (%)			93	95	92			
Industrial waste (Office)		Final disposal amount (t)	0.2	0.2	0.2			
		Generation amount (t)	190.2	195.0	198.2			
		Reduction/recycled amount (t)	154.3	176.1	174.8			
		Reduction/recycling rate (%)	81.1	90.3	88.2			
Industrial waste (Group)		Final disposal amount (t)	35.9	18.9	23.4			
		Hiroshima Gas Group (Six main companies)						
		Generation amount (t)	30,799	29,054	38,328			
		Reduction/recycled amount (t)	30,766	28,949	38,041			
		Reduction/recycled amount (%)	99.9	99.6	99.2			
		Final disposal amount (t)	33	105	287			
Polyethylene pipes		Generation amount (t)	7.2	9.1	8.3			
		Recycled amount (t)	7.2	9.1	8.3			
		Recycling rate (%)	100.0	100.0	100.0			
Cast iron and steel pipes		Generation amount (t)	161.2	238.4	226.3			
		Recycled amount (t)	161.2	238.4	226.3			
	Recycling rate (%)	100.0	100.0	100.0				
Earth and sand associated with gas piping work	Generation amount (thousands of t)	104.2	111.9	98.8				
	Reduction amount (thousands of t)	88.5	80.0	75.9				
	Reduction rate (%)	45.9	41.7	43.5				
	Recycled amount (thousands of t)	104.1	111.8	98.7				
	Recycling rate (%)	99.9	99.9	99.9				
Green procurement	Procurement rate (%)	43.0	39.6	22.9				
CO₂ emission coefficient	City gas	13A	(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)	0.618	0.561	0.531		
	Light oil		(kg-CO ₂ /liter)	2.62	2.62	2.62		
	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.

(2019: 0.618kg-CO₂/kWh 2020: 0.561kg-CO₂/kWh 2021: 0.531kg-CO₂/kWh)

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