

Energy Consumption

	2021		
	Consumption (MWh)	Assurance	Data coverage (m ²)
Total Energy Consumption*	226,078	✓	1,371,292
MWh from Renewable Sources	38,429	✓	-
Use of Renewable Electricity	34,411	✓	-
Consumption of Self-generated Renewable Energy (solar power etc.)	3	✓	-
Use of Green Energy Certificates	4,015	✓	-

* Includes consumption of self-generated renewable energy

Energy use intensity rates

	2021	Assurance	Data coverage (m²)
Energy Use Intensity (MWh/m²)	0.165	✓	1,371,292

GHG emissions

		2021		
		Emissions (t)	Assurance	Data coverage (m ²)
Scope1 (Fuels)		3,011	✓	278,265
Scope2 (Electricity, District Heating & Cooling)		32,049	✓	462,367
Scope3 (all indirect emissions not included in scope 2)* (Category: 13)		36,525	✓	908,925

* Fuels, electricity and DHC that occur in tenant controlled areas.

GHG emissions intensity rates

	2021	Emissions (t)	Assurance	Data coverage (m²)
GHG Emissions Intensity (kg-CO2/m²) *	52.2	71,585	✓	1,371,292

*Floor area basis

Water use

	2021		
	Consumption (m ³)	Assurance	Data coverage (m ²)
Total Water Consumption	645,751	✓	1,371,292

Water intensity rates

	2021	Total Water Consumption (m³)	Assurance	Data coverage (m²)
Water Use Intensity (m³/m²) *	0.471	645,751	✓	1,371,292

*Floor area basis

Waste

	2021		
	Emissions (t)	Assurance	Data coverage (m ³)
Total waste volume*1	5,709	✓	1,371,292
Hazardous waste	0.576	✓	
Non-hazardous waste	5,708	✓	
Recycling	3,144	✓	
Recycling rate*2	55.1%	✓	
Final disposal volume	212	✓	

*1 Includes waste paper, cans, bottles, PET bottles.

*2 Recycling / Total waste

Details of the calculation method

Item	Data	Calculation method
Energy Consumption	Fuel use (City gas, Heavy oil A, diesel oil and kerosene) District Heating and Cooling (DHC)system Electricity use	Act on the Rational Use of Energy (Energy Conservation Act) Act on Promotion of Global Warming Countermeasure Act on Special Measures Concerning Procurement of Electricity from Renewable Energy Sources Calculation method <ul style="list-style-type: none"> Use of Renewable Electricity : Purchased amount of Renewable Electricity Consumption of Self-generated Renewable Energy : Calculated based on onsite meter Use of Green Energy Certificates: Amount of certificates purchased from power supplier Fuel Consumption / DHC Consumption = Data in the invoice×Calorie conversion factor*1 × Electric energy conversion factor
Energy Consumption Intensity	Energy Consumption Intensity	Energy Consumption (MWh) ÷ (Floor area based on JRE's ownership share (m ²) × Occupancy rate [annual average])*2
GHG Emissions	Scope1 emissions, Scope2 emissions, Scope3 emissions	Act on the Rational Use of Energy (Energy Conservation Act) Act on Promotion of Global Warming Countermeasure Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (Ver. 2.4) GHG Emissions(t-CO2eq) = Energy use × GHG emission factor
GHG Emissions intensity	GHG Emissions intensity	GHG emissions (t-CO2eq) ÷ (Floor area based on JRE's ownership share (m ²) × Occupancy rate [annual average])*2
Water use	Water use	Adding up the consumption by the bills from the waterworks bureau
Water use intensity	Water use intensity	Use of tap water (m ³) ÷ (Floor area based on JRE's ownership share (m ²) × Occupancy rate [annual average])*2
Waste	Total waste volume Hazardous waste Non-hazardous waste Recycling Recycling rate Final disposal volume	Calculated in accordance with the Waste Management and Public Cleansing Act. Calculation method <ul style="list-style-type: none"> Total waste volume=Non-hazardous waste (Industrial waste & Non-industrial waste) + Hazardous waste Recycling: Calculated based on the recycling amount described in manifesto or recycling rate specified in contracts. Recycling rate=Recycling / Total waste volume Final disposal volume=Final disposal volume described in manifesto.

*1 City gas: Calorie conversion factor of each gas companyMJ/m³, Heavy oil A: 39.1MJ/l, diesel oil: 37.7MJ/l, kerosene: 36.7MJ/l

*2 Occupancy rate: Total annually amount of the leased office space based on the contract at the end of the month (m²) / Total annually amount of the leasable Space (m²)