

# Water Resources

## ENVIRONMENT

### ► Policy and Concept

A physical shortage of water has an impact on our business. Specifically, restrictions on the supply of clean and industrial water could have an impact on the operations of water-dependent thermal and nuclear power plants.

Thermal and nuclear power plants use massive amounts of water; seawater is used for cooling purposes while about half of a power plant's water (excluding cooling water) is supplied by seawater desalination facilities.

The results of water risk assessments conducted at our power plants in fiscal 2024 showed that there was no significant risk associated with drought.

While drought poses little risk to our power plants in Japan, we will continue to work on the proper use of water resources and risk management.

At the same time, group-wide efforts will be made to minimize office water use (as part of the Kansai Electric Power Group Eco Action).

### ► Goals

Reducing office water consumption

Reduce as much as possible

### ► Efforts

#### ● Water risk assessments

The results of water risk assessments conducted at our power plants in fiscal 2024 showed that they were not at significant risk of a water shortage. Please note that information from Aqueduct, which was provided by the World Resources Institute (WRI)\*, was used.

\* An independent organization that researches policies on issues related to the global environment and development, as well as providing technical support.

#### ● Performance data

##### ● Water consumption (million m<sup>3</sup>)\*<sup>1</sup>

		FY 2022	FY 2023	FY 2024
Total net fresh water consumption* <sup>2</sup>		4.54	3.84	3.75
		(5.40)	(4.35)	(4.38)
River water		0.44	0.35	0.32
		(0.44)	(0.35)	(0.32)
Groundwater		0.00	0.00	0.00
		(0.46)	(0.50)	(0.30)
Total municipal water supplies		4.10	3.49	3.43
		(4.50)	(3.50)	(3.76)
Amount of industrial water used (for power generation)		2.61	2.48	2.41
		(2.72)	(2.49)	(2.44)
Amount of clean water used (for power generation)		1.49	1.01	1.01
		(1.78)	(1.01)	(1.32)
Seawater (desalinated)* <sup>3</sup>		2.54	2.75	2.84
		(2.54)	(2.75)	(2.84)

\*<sup>1</sup> The figures in parentheses include the results of group companies (excluding those of some group companies)

\*<sup>2</sup> Excluding desalinated seawater

\*<sup>3</sup> Desalinated seawater

Note: Reporting coverage is shown on page 23.