

# Management of Water in Power Generation

## Water Management

Industrial water used in power generation is drawn from rivers and other sources within usage limitations. We are working to reduce the amount of freshly supplied water we use when power generation facilities are shut down or in normal operation through such measures as water recirculation.

### Water Usage for Power Generation and Wastewater Volume at Thermal and Nuclear Power Stations (FY2017)

Unit: 10,000 t

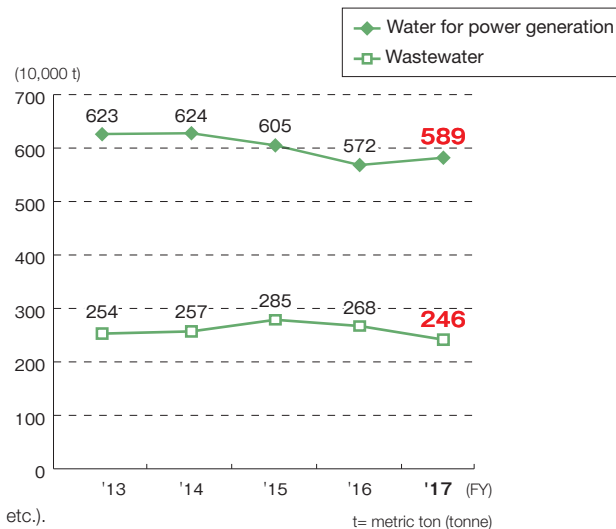
Power station		Water for power generation*1	Wastewater*2
Thermal power	Shin-Kokura	30	14
	Karita	51	8
	Buzen	21	14
	Matsuura	103	38
	Ainoura	10	6
	Shin-Oita	51	37
	Reihoku	205	62
Nuclear power	Sendai	27	8
	Genkai	52	29
Total		589	246

\*1 Amount of consumption deducted for daily use from external input (city water, well water, etc.).

Does not include seawater used for cooling water or water circulating in the power station.

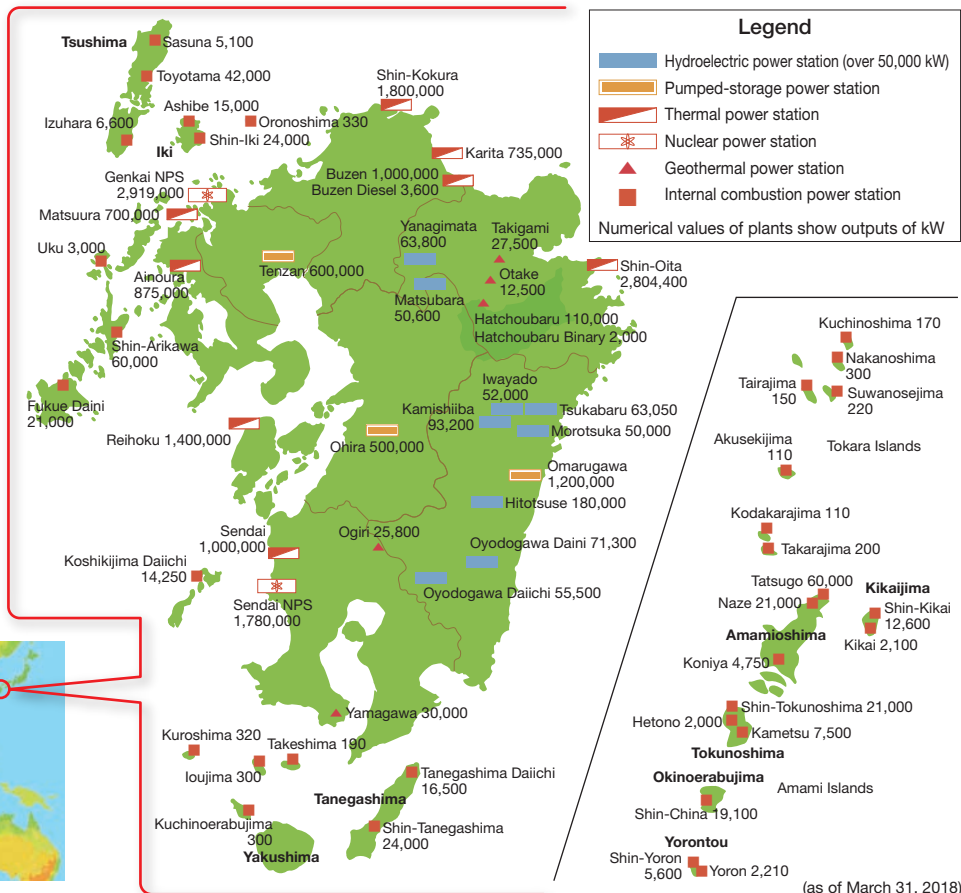
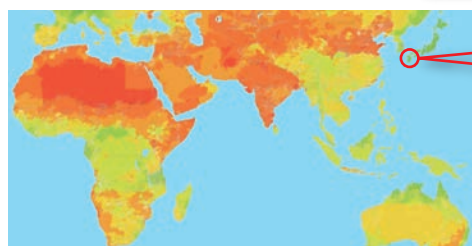
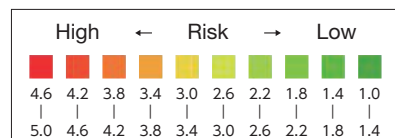
\*2 Amount of wastewater properly treated by wastewater treatment equipment at each power station.

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## Water Risk Assessment

According to the Water Risk Filter of the World Wide Fund for Nature (WWF), in the Kyushu area where we have installed power stations that use freshwater or seawater, there is no danger of water shortage. We also endeavor to manage water used in power generation and wastewater properly.



Created internally, based on "The Water Risk Filter" from the World Wildlife Fund (WWF) website