			2018	2019	2020	2021
Environmental Accounting	Energy Efficient Investments (million yen)		7.81	14.33	11.89	29.07
Prevention of global warming	Energy Consumption (Crude oil equivalent (KL))	Plants (Senboku, Kinraku)	2742	2780	2521	2655
		Reserch Laboratories	127	128	130	136
		Head Office	20	20	21	21
		Company-wide	2888	2929	2672	2812
		Year-Over-Year	1.098	1.014	0.912	1.052
	Energy Intensity	Plants (Senboku, Kinraku)	0.6724	0.6524	0.6294	0.6077
		Reserch Laboratories	0.1442	0.1453	0.1476	0.1544
		Head Office	0.02339	0.02339	0.02456	0.02456
		Year-Over-Year	0.971	0.971	0.968	0.969
	Energy-Related Carbon Dioxide Emissions	Plants (Senboku, Kinraku)	4911	4273	3741	4114
		Reserch Laboratories	216	179	176	195
		Head Office	43	32	38	27
		Company-wide	5161	4485	3956	4336
PRTR reporting	Upper ：Emission(t) Lower：Transfers(t)	Senboku Plant	9.5	7.9	6.17	22.8
			329.6	394.5	266.6	621.6
		Kinraku Plant	0.6	1.2	1.08	1.67
			17.4	26.0	168.0	214.0
		Company-wide	10.1	9.1	7.25	24.47
			347.0	420.5	434.6	835.6
Water Resourses	Water usage (kt)	Senboku Plant Domestic water	18.9	18.6	17.6	18.3
		Senboku Plant Industrial Water	72.5	73.3	64.9	63.9
		Kinraku Plant Domestic water	6.6	8.0	7.4	7.0
		Kinraku Plant Industrial Water	11.2	15.2	21.365	31.5

Chemical substances management goals and status of achievement based on the Osaka Prefectural Ordinance on Conservation of Living Environment

Facility	Senboku Plant	
Goals of chemical substances management	Type of chemical substances	VOC （Volatile organic compounds)
	Indicators	Reduction of atmospheric emissions amount of per unit usage of the above chemical substances.
	Goals(investigating)	We will investigate substances that can be expected to have the effect of suppressing vapor emissions from among the substances subject to VOC, select one of them, install a breather valve in the storage tank of the substance, and reduce atmospheric emissions. Reduce atmospheric emissions from acetone storage tank.
		To reduce atmospheric emission 1.2% in 5 years(target) compared to 2.4%(result) in FY2018. 50% impairment in FY2023. (1.2% reduction target for atmospheric emissions)
	Achievements	FY 2019　Applicable substance is being selected(first year of the plan) FY 2020　　　　　33.3% FY 2021　　　　　54.2% FY 2022　　　　　- FY 2023　　　　　-