

Fiscal year			2020	2021	2022	2023
Environmental Accounting	Energy Efficient Investments (million yen)		11.89	29.07	57.96	67.14
Prevention of global warming	Energy Consumption (Crude oil equivalent (KL))	Plants (Senboku, Kinraku)	2521	2655	2853	3178
		Reserch Laboratories	130	136	134	139
		Head Office	21	21	21	21
		Company-wide	2672	2812	3008	3337
		Year-Over-Year	0.912	1.052	1.069701	1.115
	Energy Intensity	Plants (Senboku, Kinraku)	0.6294	0.6077	0.6016	0.6111
		Reserch Laboratories	0.1476	0.1544	0.1518	0.1573
		Head Office	0.02456	0.02456	0.02411	0.0243
		Year-Over-Year	0.968	0.969	0.990	1.017
	Energy-Related Carbon Dioxide Emissions	Plants (Senboku, Kinraku)	3741	4114	3823	4828
		Reserch Laboratories	176	195	161	196
		Head Office	38	27	43	29
		Company-wide	3956	4336	4027	5054
PRTR reporting	Upper : Emission(t) Lower : Transfers(t)	Senboku Plant	6.17	22.8	20	23.6
			266.6	621.6	581.1	686.3
	Kinraku Plant		1.08	1.67	3.17	5.6
			168.0	214.0	211.0	496.1
	Company-wide		7.25	24.47	23.17	29.2
			434.6	835.6	792.1	1182.4
Water Resources	Water usage (kt)	Senboku Domestic water	17.6	18.3	20.3	20.7
		Plant Industrial Water	64.9	63.9	68.7	70.5
		Kinraku Domestic water	7.4	7.0	6.6	7.3
		Plant Industrial Water	21.365	31.5	19.0	26.9

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 83.3% FY 2023 95.8%