

		2017	2018	2019	2020	
Environmental Accounting	Energy Efficient Investments (million yen)	7.26	7.81	14.33	11.89	
Prevention of global environmental warming	Energy Consumption (Crude oil equivalent (KL))	Plants (Senboku, Kinraku)	2478	2742	2780	2521
		Reserch Laboratoy	131	127	128	130
		Headquarter	21	20	20	21
		Company-wide	2631	2888	2929	2672
		Year-Over-Year	1.251	1.098	1.014	0.912
	Energy Intensity	Plants (Senboku, Kinraku)	0.6925	0.6724	0.6524	0.6294
		Reserch Laboratoy	0.1487	0.1442	0.1453	0.1476
		Headquarter	0.02456	0.02339	0.02339	0.02456
		Year-Over-Year	0.964	0.971	0.971	0.968
	Energy-Related Carbon Dioxide Emissions	Plants (Senboku, Kinraku)	5227	4911	4273	3741
		Reserch Laboratoy	259	216	179	176
		Headquarter	42	43	32	38
		Company-wide	5294	5161	4485	3956
PRTR reporting	Upper : Emission(t) Lower : Transfers(t)	Senboku Plant	7.9	9.5	7.9	6.17
			371.2	329.6	394.5	266.6
	Kinraku Plant		0.6	0.6	1.2	1.08
			82.9	17.4	26.0	168.0
	Company-wide		8.4	10.1	9.1	7.25
		454.1	347.0	420.5	434.6	
Water Resourse	Water usage (kt)	Senboku City water	19.7	18.9	18.6	17.6
		Plant Industrial Water	70.5	72.5	73.3	64.9
		Kinraku City water	8.0	6.6	8.0	7.4
		Plant Industrial Water	13.8	11.2	15.2	21.4

Chemical substance management goal and status of achievement based on the Osaka Prefectural Ordinance on Conservation of Living Environment

Facility	Senboku Plant	
Goal of chemical substance management	Management chemical substances	VOC (Volatile organic compounds)
	Item as an indicator	Reduction of atmospheric emissions amount of per unit usage of the above chemical substances.
	Goal as an indicator (investigating)	We will investigate substances that can be expected to have the effect of suppressing vapor emission 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 release.
	Goal as an indicator	Reducing atmospheric emissions of acetone from the storage tank.
		Reduction to 2.4% in 5 years from 1.2% in 2018. 50% reduction rate after 5 years compared to the amount released to the atmosphere in 2018. (1.2% reduction target for atmospheric emissions)
Achievement	2019 Applicable substance is being selected (first year of plan)	
	2020 33.3%	
	2021 -	
	2022 -	
	2023 -	