

KT&G Energy Consumption Status

Energy Use (by workplace)

Workplace	Classification	Unit	energy source	FY2022	FY2023
Sintanjin	Non-renewable energy	TJ	Fuel	195	187
		TJ	Steam		
		TJ	electricity	440	491
	Renewable energy	TJ	electricity	74	
Yeongju	Non-renewable energy	TJ	Fuel	134	138
		TJ	Steam		
		TJ	electricity	258	265
	Renewable energy	TJ	electricity		
Gwangju	Non-renewable energy	TJ	Fuel	50	44
		TJ	Steam		
		TJ	electricity	162	144
	Renewable energy	TJ	electricity		
Cheonan	Non-renewable energy	TJ	Fuel	37	41
		TJ	Steam		
		TJ	electricity	71	71
	Renewable energy	TJ	electricity		
Sintanjin2	Non-renewable energy	TJ	Fuel	53	65
		TJ	Steam		
		TJ	electricity	30	77
	Renewable energy	TJ	electricity		
KimCheon	Non-renewable energy	TJ	Fuel	38	38
		TJ	Steam		
		TJ	electricity	-	50
	Renewable energy	TJ	electricity	51	
Indonesia	Non-renewable energy	TJ	Fuel	35	47
		TJ	Steam		
		TJ	electricity	8	12
	Renewable energy	TJ	electricity	118	156
Russia	Non-renewable energy	TJ	Fuel	20	27
		TJ	Steam		
		TJ	electricity	48	4
	Renewable energy	TJ	electricity		56
Turkey	Non-renewable energy	TJ	Fuel	13	16
		TJ	Steam		
		TJ	electricity	-	2
	Renewable energy	TJ	electricity	24	31
Others	Non-renewable energy	TJ	Fuel	144	122
		TJ	Steam	31	32
		TJ	electricity	549	425
	Renewable energy	TJ	electricity	11	112
Sum	Non-renewable energy	TJ	Fuel	718	726
		TJ	Steam	31	32
		TJ	electricity	1,567	1,505
	Renewable energy	TJ	electricity	279	354

※ Scope : Domestic sites (156 buildings, including all manufacturing sites, including Sintanjin, Yeongju, and Gwangju Plants, rental buildings, and branches) and overseas manufacturing sites (Indonesia, Russia, Turkey)

Power Use (by workplace)

Classification	Unit	FY2022	FY2023
Energy consumed that was supplied from grid electricity	Mhw	163,189	158,714
Renewable energy	a solar roof	1,026	2,009
	Renewable Energy Certificate	29,065	34,931
	Power Purchase Agreement		2
Sum	Mhw	193,280	195,656
Energy consumed that was supplied from grid electricity	%	84.4%	81.1%
Renewable energy	a solar roof	0.5%	1.0%
	Renewable Energy Certificate	15.0%	17.9%
	Power Purchase Agreement	0.0%	0.0%
Sum	%	100.0%	100.0%

※ Scope : Domestic sites (156 buildings, including all manufacturing sites, including Sintanjin, Yeongju, and Gwangju Plants, rental buildings, and branches) and overseas manufacturing sites (Indonesia, Russia, Turkey)

Fleet energy Use

Classification	Unit	FY2022	FY2023
Electric fleet	MWh	5.7	15.5
Fuel fleet	1,000L	61.2	51.3
Sum	MWh	67.0	66.8
Electric fleet	%	8.6%	23.1%
Fuel fleet	%	91.4%	76.7%
Sum	%	100.0%	99.8%

※ Scope : Domestic Operations and and overseas manufacturing sites (Indonesia, Russia, Turkey)

Energy saving activities (by workplace)

Workplace	Classification	FY2022			FY2023		
		Savings Amount (TJ)	savings investment amount (One million won)	Savings/Profit (One million won)	Savings Amount (TJ)	savings investment amount (One million won)	Savings/Profit (One million won)
Sintanjin	Facilities High Efficiency	23	1,439	706	26	1,113	768
	Installation of high efficiency lighting	2	132	30	3	357	34
	Minimize loss	7	131	259	19	683	446
	subtotal	32	1,701	995	48	2,154	1,248
Yeongju	Facilities High Efficiency	-	-	-	-	-	-
	Installation of high efficiency lighting	0	16	5	0	12	1
	Minimize loss	4	145	100	0	51	2
	subtotal	5	161	106	0	63	3
Gwangju	Facilities High Efficiency	5	173	67	5	674	61
	Installation of high efficiency lighting	-	-	-	-	-	-
	Minimize loss	13	446	336	5	79	100
	subtotal	18	619	403	10	753	161
Cheonan	Facilities High Efficiency	-	-	-	0	8	1
	Installation of high efficiency lighting	-	-	-	-	-	-
	Minimize loss	8	11	111	-	6	0
	subtotal	8	11	111	0	14	1
Sintanjin2	Facilities High Efficiency	0	-	1	3	9	36
	Installation of high efficiency lighting	0	1	1	0	0	0
	Minimize loss	0	18	6	2	3,521	20
	subtotal	1	19	8	5	3,531	56
KimCheon	Facilities High Efficiency	0	462	6	1	100	14
	Installation of high efficiency lighting	-	-	-	1	393	12
	Minimize loss	2	170	59	0	40	8
	subtotal	3	631	65	2	533	34
Sum	Facilities High Efficiency	28	2,074	780	35	1,904	880
	Installation of high efficiency lighting	3	148	36	4	763	47
	Minimize loss	34	920	872	26	4,380	576
	subtotal	65	3,142	1,688	65	7,047	1,503

※ Scope : Domestic Manufacturing Operations