GHG

Total GHG Emissions

Category	Unit	2023	2024	2025
Scope1 (Direct Emissions)	tCO2eq	12,958	5,966	7,978
Scope2 (Indirect Emissions)	tCO2eq	91,809	100,054	102,419
Total GHG Emissions [1]	tCO2eq	104,764	106,015	110,394
GHG Emissions Intensity [2]	tCO2eq/ 100million KRW	12.88	11.65	11.12
Reduction Target	tCO2eq	14,823	12,689	17,233
Reduction Performance	tCO2eq	13,026	15,515	17,888

1) Total GHG Emissions : Sum of Scope1 and 2 and calculated in accordance with the guidelines for the verification of the GHG emissions trading system

2) GHG Emissions Intensity : Sum of GHG emissions from workplaces (Scope1 & 2) / Separate total sales amount (million KRW)

Water

Category	Unit	2023	2024	2025
Total Water Consumption	ton	2,466,447	2,412,527	2,621,369
Cheong-ju Factory: Supply ater	ton	117,596	129,415	103,221
Industrial Water	ton	1,975,814	1,880,718	822,573
Reclaimed wastewater	ton			1,287,749
Ochang 1 Factory: Supply ater	ton	20,400	27,155	27,705
Industrial Water	ton	79,296	94,903	88,721
Ochang 2 Factory: Supply ater	ton	8,921	8,662	8,642
Industrial Water	ton	264,420	271,674	282,758
Total Water Consumption Target	ton	2,345,652	2,439,487	2,592,390
Total Wastewater Discharge	㎥/day	5,729	5,758	11,487
Recycled Wastewater (Water Reuse)	㎥/day	-	11	49

Energy

Category	Unit	2023	2024	2025
Total Energy Consumption	TJ	2,150	2,306	2,383
Non-Renewable Energy	TJ	2,117	2,279	2,359
Renewable Energy	TJ	33	27	24
Total Energy Consumption Target [1]	TJ	2,095	2,260	2,336
Energy Consumption Intensity [2]	TJ/100million KRW	0.26	0.25	0.24

1) Total Energy Consumption Target : Calculated as sum of target consumption of Non-Renewable energy and Renewable energy

2) Energy Consumption Intensity : Total Energy Consumption of workplaces / Seperated Sales amount (100million KRW)

Wastes

Category	Unit	2023	2024	2025
Total Waste Generated	ton	13,787	15,373	15,679
General	ton	9,033	8,387	9,611
Designated	ton	4,754	6,986	6,068
Waste Generated Target	ton	14,172	14,580	15,371
Total Waste Recycling	ton	13,098	13,766	14,917
General Waste Recycling	ton	9,000	8,420	9,598
Designated Waste Recycling	ton	4,164	6,252	5,319

Use of Major Raw Materials

Category	Unit	2023	2024	2025
Copper Clad Laminate	million PNL	6.922	10.080	18,566
Prepreg	million PNL	11.955	14.835	12,751
Copper Foil	million Sheet	7.419	8.996	11,344
PGC	ton	1.864	2.452	2.375

Hazardous Substances and Chemicals

Category	Unit	2023	2024	2025
Use of Hazardous Chemicals [1]	K ton	26.7	13.9	20.2
Chimicals Generated	ton	9.0	9.3	13.4

1) Data Collection Range of Hazardous Substances : 210 Materials including hardeners, fillers, addition agents, epoxy resins, and more

Green Purchase

Category	Unit	2023	2024	2025
Total Purchase Amount (Major Raw Materials)	Ten million won	37,651	54,032	722,759
Renewable Energy [1]	Ten million won	9	7	14
	TJ	33	27	52
Renewable Copper Oxide [2]	Ten million won	561	633	855
	ton	382	459	574

1) Renewable Energy : Energy derived from sources such as solar, wind, water, biomass etc (including Green Premium)

2) Renewable Copper Oxide : Regenerated raw materials produced by recycling ndustria lwaste (refer to the Act on the promotion of resource conservation and recycling)

Air/Water Pollutants

Category	Unit	2023	2024	2025
Nitrogen Oxide (NOx)	ton	4.031	3.412	5.733
Particular Matter (PM)	ton	5.750	0.680	9.276
Sulfur Oxides (SOx)	ton	0.354	0.00	0.13
BOD	ton	188.947	108.598	67.490
SS	ton	34.13	25.49	32.60
COD	ton	0.00	0.00	0.00
TOC	ton	101.93	77.98	103.08