



Coway Co., Ltd.

Introduction Korea Management Registrar has been requested by Coway Co.,Ltd to verify its greenhouse gas emissions, energy usage and solar power generation amount from the year of 2022. The verification was conducted on the organization and operation boundary, and the results are as specified as below. This verification statement is valid from the day of publication.

- Scope**
- Organization and operation boundary:
 - √ Greenhouse gas emissions:
 - 7 Sites and emission facilities under operational control
 - √ Energy usage:
 - 7 Sites and emission facilities under operational control
 - √ Solar power generation amount:
 - 5 Sites and emission facilities under operational control
 - Verification period: 01/01/2022 ~ 12/31/2022
 - Types of Greenhouse Gases: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆
 - Verification scope: Scope 1 (direct emissions), Scope 2 (indirect emissions),
Scope 3 (employee commuting)
 - Performed verification work:
 - √ Interviewing with the manager responsible for data collection of greenhouse gas emissions
 - √ Reviewing the MRV system and process, the data gathering method for greenhouse gas emission, energy usage and solar power generation amount
 - √ Examination on raw data including information system, bills and payment statements related to verification scope
 - √ Comparative examination through on-desk review, risk analysis, observation and inspection, etc.
 - Level of assurance: Reasonable Assurance / Scope 1, 2
Limited Assurance / Scope 3(Cat 7, Employee Commuting)

Standard & Guidance ISO 14064-1 Greenhouse gases -- Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (2006), ISO 14064-3 Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (2006), WRI/WBCSD GHG Protocol (2004), Verification guidelines for operation of greenhouse gas and energy target

management scheme (Notification No. 2016-104, Korea Ministry of Environment),
 KMR GHG TM01 - GHG & energy verification manual and procedure,
 IPCC Guidelines for National Greenhouse Gas Inventories (2006),
 International Standard on Assurance Engagements 3000 (Revised) – ‘Assurance Engagements other than Audits or Reviews of Historical Financial Information’

Results

1. Greenhouse Gas Emissions

(Unit: ton CO₂-eq.)

Year	Object site	Scope1			Scope2	Scope3	Total Emissions (Scope1+2+3)
		Fixed Combustion	Moving Combustion	Other GHG	Consume Electricity	Employee Commuting	
2022	Total	649	177	5	5,995	59	6,887
2022	Seoul Office	247,264	118,116	0	395,472	0	761
2022	Env-Tec.Lab.	0	22,893	0	1,707,089	12,550	1,743
2022	Logistics Center (Yugu)	0	0	0	710,683	0	711
2022	Solar Power Plant	0	0	0	1,148	0	1
2022	Yugu Fac.	384,914	34,249	5,298	2,059,237	21,177	2,505
2022	Incheon Fac.	8,720	0,001	0	876,880	10,517	896
2022	Pocheon Fac.	8,506	2,150	0	244,831	14,842	270

2. Energy Consumption

(unit: GJ)

Year	Object site	Scope1 (Consume Fuel)			Scope2 (Consume Electricity)	Scope3 (Communiting Bus)	Total Consumption
		Fixed Combustion	Moving Combustion	Other GHG			
2022	Total	11,814	2,604	785	125,282	842	141,327
2022	Seoul Office	4,879	1,749	0	8,264	0	14,892
2022	Env-Tec.Lab.	0	334	0	35,672	179	36,185
2022	Logistics Center (Yugu)	0	0	234	14,851	0	15,085
2022	Solar Power Plant	0	0	0	24	0	24
2022	Yugu Fac.	6,621	491	210	43,031	302	50,655
2022	Incheon Fac.	172	0	179	18,324	150	18,825
2022	Pocheon Fac.	142	30	162	5,116	211	5,661

3. Solar Power Generation amount

(unit: KWh)

Year	Object site	Total Solar Power Generation amount)
2022	Total	560,199
2022	Pocheon Fac.	58,458
2022	Yugu Fac.	49,678
2022	Incheon Fac.	45,023
2022	Logistics Center (Yugu)	65,040
2022	Solar Power Plant (REC)	342,000

Conclusions

KMR verified the greenhouse gas emissions, energy usage and solar power generation amount from the year of 2022 of Coway as described above. Based on the procedures performed, nothing has come to the attention of the practitioner that causes the practitioner to believe that the subject matter information is not prepared, in all material respects, in accordance with the verification purpose and the applicable criteria.

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Korea Management Registrar

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KMR is an ETS & TMS verification institution authorized by Republic of Korea Government.
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