



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 2021. 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:
 - 6 Sites and emission facilities under operational control
 - √ Energy usage:
 - 6 Sites and emission facilities under operational control
 - √ Solar power generation amount:
 - 4 Sites and emission facilities under operational control
- Verification period: 01/01/2021 ~ 12/31/2021
- 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

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 (2018),
ISO 14064-3 Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (2018),
WRI/WBCSD GHG Protocol (2004),
Verification guidelines for operation of greenhouse gas emission trading system(Notification No. 2021-112, 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 | Consume Electricity | Employee Commuting | |
| 2021 | Total | 619 | 258 | 5,822 | 67 | 6,766 |
| 2021 | Seoul Office | 200.417 | 156.514 | 336.710 | 12.709 | 706 |
| 2021 | Seoul Univ. Env-Tec. Lab. | 0 | 0 | 1,835.481 | 0 | 1,835 |
| 2021 | Logistics Center(Yugu) | 0 | 0 | 335.319 | 0 | 335 |
| 2021 | Yugu Fac. | 399.291 | 96.974 | 2,306.482 | 26.702 | 2,829 |
| 2021 | Incheon Fac. | 10.659 | 0 | 786.050 | 11.528 | 808 |
| 2021 | Pocheon Fac. | 8.718 | 4.572 | 221.699 | 16.252 | 251 |

2. Energy Consumption

(unit: GJ)

| Year | Object site | Scope1(Consume Fuel) | | Scope2 (Consume Electricity) | Scope3 (Commuting Bus) | Total Consumption |
|-------------|---------------------------|----------------------|-------------------|---------------------------------|---------------------------|-------------------|
| | | Fixed Combustion | Moving Combustion | | | |
| 2021 | Total | 11.057 | 3.756 | 121.654 | 0.956 | 137.423 |
| 2021 | Seoul Office | 3.955 | 2.310 | 7.036 | 0.181 | 13.482 |
| 2021 | Seoul Univ. Env-Tec. Lab. | 0 | 0 | 380355 | 0 | 38.355 |
| 2021 | Logistics Center(Yugu) | 0 | 0 | 7.007 | 0 | 7.007 |
| 2021 | Yugu Fac. | 6.745 | 1.381 | 48.197 | 0.380 | 56.703 |
| 2021 | Incheon Fac. | 0.210 | 0 | 16.426 | 0.164 | 16.800 |
| 2021 | Pocheon Fac. | 0.147 | 0.065 | 4.633 | 0.231 | 5.076 |

3. Solar Power Generation amount

(unit: KWh)

| Year | Object site | Total Solar Power Generation amount |
|-------------|------------------------|-------------------------------------|
| 2021 | Total | 223,942 |
| 2021 | Pocheon Fac. | 54,601 |
| 2021 | Yugu Fac. | 56,155 |
| 2021 | Incheon Fac. | 48,667 |
| 2021 | Logistics Center(Yugu) | 64,520 |

Conclusions KMR verified the greenhouse gas emissions, energy usage and solar power generation amount from the year of 2021 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.

E. J Hwang

April 15, 2022
Korea Management Registrar
President Hwang Eun Ju



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