

Environmental Data Verification Statement (Energy / Water)

15 August 2025

Furukawa Electric Co., Ltd.

Japan Management Association
Sustainability Center
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1. Objective and Scope of Verification

Japan Management Association Sustainability Center (JMASusC) was commissioned by Furukawa Electric Co., Ltd. (hereinafter, referred to as “the Organization”) to conduct independent verification on a limited level of assurance. The scope of verification is the following environmental information (energy consumption and water usage) (hereinafter, referred to as “the Monitoring data”) within the organizational boundary*¹ in its Fiscal Year 2025 Furukawa Electric Group Environmental Protection Data Report (hereinafter, referred to as “the Report”) from 1 April 2024 to 31 March 2025.

- 1) Energy consumption:
Energy consumption within the organization boundary: Purchased electricity, fuel, thermal energies and self-power generation
- 2) Water usage:
Water withdrawals within the organization boundary

The objective of this verification is to confirm that the monitoring data in the Organization’s applicable scope have been correctly calculated and reported in line with the criteria of the monitoring procedure*², and to express our views as a third party. The Organization’s responsibility is to prepare the Report and report the Monitoring data, and JMASusC’s responsibility is to express our views on the Monitoring data of the Report as a third party. There is no specific conflict of interest between the Organization and JMASusC.

2. Procedure of Verification

Environmental information in the Report was verified in accordance with the requirement of ISO14064-3:2019 and ISAE3000, and following processes were implemented at limited level of assurance. The limited level of assurance is a different type of procedure than the reasonable level of assurance, has a less process of verification implemented and does not provide as high level of assurance as the reasonable level of assurance.

- Assessment including visiting the Organization’s Head office, regarding the information to specify the Monitoring data in the Report, monitoring procedure, monitoring system and related documents
- Interviews with persons in charge of preparing the Report
- Visiting Furukawa Electric Co., Ltd. Mie Works and Furukawa Electric Metal Cable Co., Ltd. Kyushu Plant to confirm the monitoring boundary, the data collection processes, and to physically check monitoring points of energy and water supplied and interviewing with persons in charge of monitoring
- Video conference interview with Lightera, LLC. Norcross Headquarters to confirm the subject of calculation and data collection procedures
- Verifying the evidence for confirmation of the accuracy of Monitoring data by sampling

3. Conclusion of Verification

Within the scope of the verification activities employing the methodologies mentioned above, nothing has come to our attention that caused us to believe that the Organization's Monitoring data in the Report were not calculated and reported in conformance with the criteria in all material respects.

1) Energy consumption

Verified Energy consumption (MWh)		
Total Energy consumption		1,591,189
(Renewable)		437, 417
Purchased electricity		1,003,234
(Renewable)		337, 437
Purchased fuels		488,142
(Renewable)		313
Purchased thermal energies (No Renewables)		146
Self-power generation, non-fuel based^{*3}		99,667
(Renewable)		99,667
Self-power generation by renewable energy sources	Hydro	169,204
	(Self-consumption)	92,384
	Photovoltaics	7,283
	(Self-consumption)	7,283

2) Water usage

Verified Water usage (water withdrawals, m ³)	
Mie Works: Groundwater	1,464,963
Hiratsuka Works: Groundwater, Municipal water	74,269
Furukawa Electric Metal Cable Co., Ltd. Kyushu Plant: Municipal water, Industrial water	7,794
Lightera, LLC. Norcross: Municipal water	186,118

NOTE:

*1: Organizational boundary:

For energy consumption, the consolidated companies of the Organization.

For water usage, limited to the sites above.

*2: Energy consumption calculation methods: GHG Protocol Corporate Standards, Japan's Mandatory Greenhouse Gas Accounting and Reporting System, and "Furukawa Electric Group Environmental Protection Data Calculation and Reporting Guideline Ver.2.2" prepared by the Organization.

*3: For self-power generation using fuel, the amount of energy is included in purchased fuels.

4. JMASusC's Independence and Quality Control

JMASusC implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065: 2020. It is at least as demanding as the requirements of the International Standard on Quality Management 1 and comply with the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants which includes independence and other requirements founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior.