



Independent Assurance Report

Mr. Hisahide Okuda
President, Director, CEO and COO
JERA Co., Inc.

We, SOCOTEC Certification Japan (hereafter "SOCOTEC"), have performed a limited assurance engagement, in response to the entrustment from JERA Co., Inc. (hereafter the "Company") in order to provide an opinion as to whether the subject matter information ("E Environmental Data (FY2024)" (period: 1 April 2024 to 31 March 2025)) of the Company meets the criteria in all material respects.

1 Subject Matter Information and Criteria

The subject matter information for our assurance is a "report on GHG emissions and water-related data (shown in the Appendix)" covering the operations and activities at the Company and its ten affiliated companies described in the "E Environmental Data (FY2024)" (period: 1 April 2024 to 31 March 2025).

The criteria for preparing subject matter information is the "FY2025 Environmental Data Calculation Procedures Manual".

2 Management Responsibility

The "E Environmental Data (FY2024)" (period: 1 April 2024 to 31 March 2025) was prepared by the management of the Company, who is responsible for the integrity of the assertions, statements and claims made therein (including the assertions over which we have been engaged to provide limited assurance), the collection, quantification and presentation of all data and information in the report, and applied criteria, analysis and publication.

The management of the Company is responsible for maintaining adequate records and internal controls that are designed to support the reporting process and ensure that the "E Environmental Data (FY2024)" (period: 1 April 2024 to 31 March 2025) is free from material misstatement whether intentional or negligent.

3 Assurance Practitioner's Responsibility

The responsibility of SOCOTEC is to express a limited assurance conclusion as to whether the subject matter information has been prepared in compliance with the criteria in all material respects.

We have performed limited assurance engagement in accordance with the verification procedures stipulated by SOCOTEC and "JIS Q 14064-3:2023 (ISO 14064-3:2019) Specification with guidance for the verification and validation of greenhouse gas statements" the International Standard on Assurance Engagements (ISAE) 3410, "Assurance Engagements on Greenhouse Gas Statements" and the International Standard on Assurance Engagements (ISAE) 3000 (Revised), "Assurance Engagements Other than Audits or Reviews of Historical Financial Information" of International Auditing and Assurance Standards Board (IAASB).

The procedures performed in the limited assurance engagement are limited in their type, timing and scope as compared to the procedures performed in the reasonable assurance engagement. As a result, our limited assurance engagement does not provide as high assurance as reasonable assurance engagement.

Our procedures performed depend on the assurance professional practitioner's judgement, including an assessment of the risk of material misstatement, whether due to fraud or error. Our conclusion was not designed to provide assurance on internal controls.

We believe that we have obtained the evidence to provide a basis for our limited assurance conclusions.



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4 Assurance Procedures

The procedures that SOCOTEC has performed are based on professional judgement and include, but are not limited to:

- Evaluation of policies and procedures created by the Company in relation to subject matter information
- Inquiries to the Company personnel to understand the above policies and procedures
- Verification that the target project meets eligibility requirements
- Matching with the basis data by trial calculation and recalculation
- Obtaining and collating material for important assumptions and other data
- Sites visited to confirm the calculation structure and procedures, data collection and implementation status of record control:

Head Office / Futtsu Thermal Power Station / Hekinan Thermal Power Station

5 Statement of Our Independence, Quality Management and Competence

SOCOTEC has introduced and maintained a comprehensive management system that conforms to the accreditation requirements of "ISO 17021 Conformity assessment - Requirements for bodies providing audit and certification of management systems". In addition, we have also established a management system according to "ISO 14065:2020 General principles and requirements for bodies validating and verifying environmental information". These meet the requirements of International Standard on Quality Management 1 by the International Auditing and Assurance Standards Board and Code of Ethics for Professional Accountants by International Ethics Standards Board for Accountants. We maintain a comprehensive quality management system that includes ethical rules, professional standards and documented policies and procedures for compliance with applicable laws and regulations.

The SOCOTEC Group is a comprehensive third-party organisation in testing, inspection and certification operations, and provides management system certification and training services related to quality, environment, labour and information security in countries around the world. Engaged in performance data and sustainability report assurance of environmental and social information, SOCOTEC affirms that it is independent of the organisation that has ordered the assurance engagement, its affiliated companies and stakeholders, and that there is no possibility of impairing impartiality or conflict of interest.

We assure that the team engaged in the assurance is selected based on knowledge and experience in the relevant industry, as well as the competence requirements for this assurance engagement.

6 Use of Report

Our responsibility in performing our limited assurance activities is to the management of the Company only in accordance with the terms for this engagement as agreed with the Company. We do not therefore assume any responsibility for any other purpose or to any other person or organisation.

7 Our Conclusion

On the basis of our procedures performed and the evidence obtained, nothing has come to our attention that causes us to believe that the subject matter information is not, in all material respects, prepared and reported in accordance with the stated criteria.

SOCOTEC Certification Japan

Se Seigo Futaba

Managing Director

30 September 2025

GHG Emissions and Environmental Performance Data

Table 1 Domestic / JERA *1

Item		Quantity	Unit
Fuel consumption	Coal	21	million t
	Oil	0.33	million kl
	LNG / LPG	22	million t
	Natural gas	1	billion Nm3
	Biomass	0.002	million t
	Hydrogen / Ammonia, etc.	0.05	million t
Net electricity generation (Sending-end power)		226	billion kWh
Purchased electricity		415	million kWh
Scope 1 (Emissions from operations that are owned or controlled by the reporting company)		113,244	thousand t-CO2e
CO2 emissions		112,899	thousand t-CO2e
Scope 2 (Emissions from the generation of purchased or acquired electricity, steam, heating, or cooling consumed by the reporting company)	Location-based method	176	thousand t-CO2e
	Market-based method	174	thousand t-CO2e
Scope 3 (All indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions)	Category 2: Capital goods	867	thousand t-CO2e
	Category 3: Fuel- and energy-related activities not included in Scope 1 or Scope 2	18,875	thousand t-CO2e
CO2 emission intensity of power generation		0.499	kg-CO2e/kWh

*1 Calculation boundary: JERA in Japan, Hitachinaka Generation Co., Inc., and JERA Power TAKETOYO LLC, JERA Power Yokosuka LLC, JERA Power Anegasaki LLC, Goi United Generation LLC, Green Power Ishikari GK

Table 2 Domestic / JERA Group *2

Item		Quantity	Unit
Fuel consumption	Coal	25	million t
	Oil	0.4	million kl
	LNG / LPG	22	million t
	Natural gas	1	billion Nm3
	Blast furnace gas / Coke oven gas	4	billion Nm3
	Biomass	0.02	million t
	Hydrogen / Ammonia, etc.	0.05	million t
Net electricity generation (Sending-end power)		242	billion kWh
Purchased electricity		422	million kWh
Scope 1 (Emissions from operations that are owned or controlled by the reporting company)		126,232	thousand t-CO ₂ e
CO ₂ emissions		125,855	thousand t-CO ₂ e
Scope 2 (Emissions from the generation of purchased or acquired electricity, steam, heating, or cooling consumed by the reporting company)	Location-based method	177	thousand t-CO ₂ e
	Market-based method	177	thousand t-CO ₂ e
Scope 3 (All indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions)	Category 2: Capital goods	888	thousand t-CO ₂ e
	Category 3: Fuel- and energy-related activities not included in Scope 1 or Scope 2	20,376	thousand t-CO ₂ e
CO ₂ emission intensity of power generation		0.520	kg-CO ₂ e/kWh

*2 Calculation boundary: The Calculation boundary of *1 plus joint venture figures.