



GRI Standards and ISO 14016

Independent Assurance Statement

Relating to Semsang Power Corporation Public Company Limited's sustainability report for the calendar year 2025

This assurance statement has been prepared for Semsang Power Corporation Public Company Limited in accordance with terms of engagement.

Terms of Engagement

Semsang Power Corporation Public Company Limited (hereafter referred to as "SSP") has commissioned Management System Certification Institute (Thailand), Foundation for Industrial Development (hereafter referred to as "MASCI") to provide a limited level of assurance on its sustainability report for the calendar year 2025 (hereafter referred to as "the Report") against the criteria at the specific materiality thresholds defined herein. MASCI's procedure is based on current best practice and assurance criteria.

Responsibility

SSP's responsibility is for the preparation and presentation of the data and information within the Report, and ensuring that the selected specific standard disclosures are prepared and presented in accordance with the criteria. This responsibility also includes the internal controls relevant to the preparation of the Report that is free from material misstatement whether due to fraud or error.

MASCI is a professional validation and verification body (VVB). MASCI's responsibility is for providing a third party opinion at limited level of assurance in respect of the selected specific standard disclosures to be included in the Report. We conduct our verification in accordance with professional standards and applicable ethical requirements. We plan and perform the verification to obtain a limited level of assurance in accordance with our contract with SSP. Ultimately, the Report has been approved by, and remained the responsibility of SSP.

Objective and Scope of Assurance

The objective is to provide an interested party with a greater confidence regarding data and information for the selected specific standard disclosures contained in the Report. The scope of assurance is covered the operations and activities of Semsang Power Corporation Public Company Limited's Head office and operation in Thailand: Solar Power Plants (SPN Project, Lopburi and WVO Project, Ratchaburi), Wind Power Plants (Romklao Wind Farm Project, Mukdahan), Biomass Power Plants (UPT Project, Nakhon Ratchasima) and Solar Rooftop Businesses, in the period 1 January 2025 to 31 December 2025.

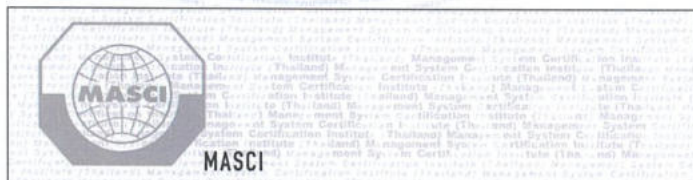
- Assessing whether the selected disclosures included in the Report have been prepared in accordance with the requirements of GRI Standards 2021
- Evaluating the accuracy and reliability of data and information for the selected specific standard disclosures listed below:
 - GRI 302: Energy 2016
 - Disclosure 302-1 Energy consumption within the organization
 - Disclosure 302-3 Energy intensity
 - GRI 303: Water and Effluents 2018
 - Disclosure 303-3 Water withdrawal
 - Disclosure 303-4 Water discharge
 - Disclosure 303-5 Water consumption
 - GRI 305: Emissions 2016
 - Disclosure 305-1 Direct (Scope 1) GHG emissions
 - Disclosure 305-2 Energy indirect (Scope 2) GHG emissions
 - Disclosure 305-4 GHG emissions intensity
 - GRI 306: Waste 2020
 - Disclosure 306-3 Waste generated
 - Disclosure 306-4 Waste diverted from disposal
 - Disclosure 306-5 Waste directed to disposal
 - GRI 403: Occupational Health and Safety 2018
 - Disclosure 403-8 Workers covered by an occupational health and safety management system
 - Disclosure 403-9 Work-related injuries
 - Disclosure 403-10 Work-related ill health

Reporting Criteria

- GRI STANDARDS 2021
- Quantification Methodology e.g., ISO 14064-1:2018 and relevant guidelines utilized by the organization.

Assurance Standards

- ISO14016:2020 Environmental management — Guidelines on the assurance of environmental reports.
- ISO 14019-1:2026 Sustainability information — Part 1: General principles and requirements for validation and verification
- ISO 14019-2:2026 Sustainability information — Part 2: Principles and requirements for verification processes
- International Standard on Assurance Engagements (ISAE) 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information
- International Standard on Assurance Engagements (ISAE) 3410, Assurance Engagements on Greenhouse Gas Statements





validation/verification

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Level of Assurance and Materiality

The conclusion expressed in this assurance statement has been formed on the basis of a limited level of assurance, at the materiality threshold of 5% for quantitative data and information, and at the materiality of the professional judgment of the verifier for qualitative data and information, focusing on the omission or misstatement of information that could reasonably influence the decisions of intended users.

MASCI's procedure

Providing a limited level of assurance in respect of the selected specific standard disclosures included in the Report, is carried out in accordance with MASCI's procedure, consists of interviewing, collecting data and information, and collecting other evidence as follows:

- Interviews with the management and related employees both at the organizational level and at the operational level.
- Assessment on design and implementation of data management system and methods used to identify the source of data, collection and computation the data and information presented in the Report.
- Assessment on guidelines and procedures used to identify stakeholders and their expectations, material issues, including the policies and operating guidelines for sustainability.
- On-site assessment of operations and activities of Semsang Power Corporation Public Company Limited 's Head office and Biomass Power Plants (UPT Project, Nakhon Ratchasima).
- Remote assessment of operations and activities of Solar Power Plants (SPN Project, Lopburi and WVO Project, Ratchaburi), Wind Power Plants (Romklao Wind Farm Project, Mukdahan) and Solar Rooftop Businesses and leveraging SSP's centralized data management system which provides operational data from all remote sites to the Head Office.
- Site selection was based on a risk-based sampling approach considering contribution to total reported performance and operational risk.
- Comparison of data and information with related sources to assess whether the selected specific standard disclosures are prepared and presented in accordance with the criteria by sampling on the basis of risk assessment, consideration on quantitative and qualitative criteria
- Evaluation of GHG quantification methodologies, emission factors, assumptions and calculation models.
- Sustainability information is subject to inherent uncertainties arising from estimation methods, conversion factors, and assumptions used in quantification methodologies.

The procedures for providing a limited level of assurance, which is different from a reasonable level of assurance in the nature, timing, and extent of evidence-gathering procedures.

Conclusion

Based on MASCI's procedures, nothing has come to our attention that causes us to believe that the selected specific standard disclosures included in the Report have not, in all material respects, been prepared in accordance with the Reporting Criteria.

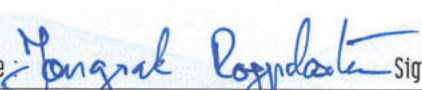
Competence and Independence


MASCI confirms that it is independent of SSP and has not been involved in the preparation of the Report or the underlying data. MASCI has complied with the requirements of code of conducts to ensure their independence. MASCI maintains a comprehensive quality management system, policies and procedures regarding compliance with relevant standards, ethical requirements, and applicable legal and regulatory requirements. The assurance team possesses competencies in sustainability reporting, GHG quantification, environmental management, occupational health and safety, and power generation operations.

This statement is subject to the provisions of this legal section

- Management System Certification Institute (Thailand), Foundation for Industrial Development and their respective officers assume no responsibility to any person, loss, damage or expense caused by reliance on the information or advice in this document. Unless that person has signed a contract for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.
- This statement is only valid when published with the report to which it refers. It may only be reproduced in its entirety
- In the case of any conflict between the English and Thai language versions of this legal section, the Thai version shall prevail.
- Due to inherent limitations in any internal control, it is possible that fraud, error, or non-compliance with laws and regulations may occur and not be detected. Further, the assurance engagement was not designed to detect all weakness or errors in internal controls. The assurance engagement has not been performed continuously throughout the period and the assurance engagement carried out on the relevant internal controls were on a test basis. Any projection of the evaluation of control to future periods is subject to the risk that the processes may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.

Date : 12 June 2026

Signature: 
 Mr. Jongrak Rojpalasatean
 President of Management System
 Certification Institute (Thailand)

Signature: 
 Mr. Teerakul Boonyong
 Technical Reviewer

Signature: 
 Ms. Atchada Ngeimvijawat
 Lead Verifier

