



善用自然的能量
Natural Energy Natural Power

中國廣核新能源控股有限公司
CGN New Energy Holdings Co., Ltd.

(Incorporated in Bermuda with limited liability) (於百慕達註冊成立的有限公司)
Stock Code 股份代號: 1811.HK

Environmental, Social and Governance Report
環境、社會及管治報告

2024



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01 Definition

In the Report, unless the context otherwise requires, the following terms shall have the meanings set out below:

"20th National Congress"	refers to	the 20th National Congress of the Communist Party of China
"Central Enterprise(s)"	refers to	the Chinese Central State-owned Enterprise(s)
"CGN"	refers to	China General Nuclear Power Corporation, a state-owned enterprise established in the PRC and the controlling shareholder of the Company
"China" or "PRC"	refers to	the People's Republic of China, but for the purposes of this report and for geographical reference only and except when the context requires, references in this report to the PRC do not include Hong Kong of the PRC, the Macau Special Administrative Region of the PRC and Taiwan region of the PRC
"Dual Carbon"	refers to	the Carbon Peaking, Carbon Neutrality
"ECP"	refers to	e-Commerce Platform
"EHS"	refers to	Environmental Health and Safety
"ESG"	refers to	Environmental, Social and Governance
"GEC(s)"	refers to	Green Electricity Certificate(s)
"Hong Kong"	refers to	the Hong Kong Special Administrative Region of the PRC
"Insurances and Housing Fund"	refers to	the social endowment insurance, urban employee medical insurance, work-related injury insurance, maternity insurance, and unemployment insurance as well as housing provident fund in China
"Korea"	refers to	the Republic of Korea
"Listing Rules"	refers to	the Rules Governing the Listing of Securities on the Stock Exchange (as amended from time to time)
"Mainland China"	refers to	the mainland of the PRC
"MPF"	refers to	the Mandatory Provident Fund in Hong Kong
"National Pension"	refers to	the National Pension in Korea
"OHS"	refers to	Occupational Health and Safety
"Party"	refers to	the Communist Party of China
"Report"	refers to	2024 ESG report of the Company
"Reporting Period"	refers to	the period from 1 January 2024 to 31 December 2024
"RMB"	refers to	Renminbi, the lawful currency of the PRC
"Safety Committee"	refers to	the Safety, Quality and Environmental Management Committee
"safety, quality and environmental"	refers to	safety, quality and environmental protection
"SASAC"	refers to	the State-owned Assets Supervision and Administration Commission of the State Council
"Stock Exchange"	refers to	The Stock Exchange of Hong Kong Limited
"the 14th Five-Year Plan", "the 14th Five-Year"	refers to	the 14th Five-Year Plan for Economic and Social Development of the PRC and the Long-Range Objectives Through the Year 2035
"the 15th Five-Year Plan"	refers to	the 15th Five-Year Plan for Economic and Social Development of the PRC
"the Board"	refers to	the board of directors of the Company
"the Company", "CGN New Energy", "our", "us", "we"	refers to	CGN New Energy Holdings Co., Ltd., an exempted company incorporated in Bermuda with limited liability, the Shares of which are listed on the Main Board of the Stock Exchange
"the Group"	refers to	the Company and its subsidiaries from time to time
"US\$"	refers to	the United States dollar, the lawful currency of the United States of America
"%"	refers to	percent

02 About the Report

The Company is delighted to publish its 9th ESG report. The Report aims to present the ESG issues related to the sustainable development of the Group to its key stakeholders to better inform them about the Group's concept, actions, and related performance of sustainable development.

REPORTING PERIOD AND BOUNDARY

Unless otherwise specified, the Report mainly describes the specific policies and performance of the Group's efforts in sustainable development during the period from 1 January 2024 to 31 December 2024. For the sake of continuity and comparability of the Report, some data and contents in the Report have been extended as needed. For details on data, please refer to the "Comprehensive Performance" in the Report.

The main contents of the Report cover the Group's wind, solar, gas-fired, coal-fired, oil-fired, hydro, cogeneration, fuel cell, and biomass power generation projects, as well as an energy storage project in the PRC and Korea. The boundary of the Report is consistent with the financial report. Contents of the Report are mainly based on and determined through the materiality assessment. Please refer to the chapter headed "Stakeholder Engagement and Materiality Assessment" for details of the process.

REPORTING STANDARD

The Report is prepared in accordance with the *ESG Reporting Guide* under Appendix C2 to the *Listing Rules* and *GRI Sustainability Reporting Standards*, and is also prepared with reference to the *ESG Special Report Reference Template for Listed Companies Holding Central Enterprises* and the *ESG Special Report Reference Index System for Listed Companies Holding Central Enterprises* issued by SASAC. It is written on the basis of the four reporting principles of the *ESG Reporting Guide*, namely, materiality, quantitative, balance and consistency, and eight reporting principles in *GRI Sustainability Reporting Standards*: accuracy, balance, clarity, comparability, completeness, sustainability context, timeliness, and verifiability.

Four reporting principles in the *ESG Reporting Guide* are as follows:

Materiality

The Group identifies material issues related to the Group through materiality assessment, and focuses on the material issues checked by the Group's management and the Board in this Report. The Group uses the materiality assessment to identify the key stakeholders of the Group, invites the Board and stakeholders to prioritize sustainable development issues, carries out an analysis of material issues, etc. Please refer to the chapter headed "Materiality Assessment" for details of the materiality assessment.

Quantitative

To comprehensively evaluate the ESG performance of the Group during the Reporting Period, the Group disclosed the KPIs applicable in the *ESG Reporting Guide* under Appendix C2 to the Listing Rules, and listed the standards, approaches, assumptions and reference basis for calculation of quantitative KPIs, including the sources of main conversion factors.

Balance

The Report provides an unbiased picture of the Group's performance and avoids selections, omissions, or presentation formats that may inappropriately influence a decision or judgment by the report reader.

Consistency

The Report uses consistent methodologies to allow for meaningful comparisons of the ESG information in respect of the Reporting Period.

CONFIRMATION AND APPROVAL

The contents disclosed in the Report follow the ESG disclosure requirements of mandatory disclosure and "Comply or Explain" provisions in the *ESG Reporting Guide* under Appendix C2 to the Listing Rules. The Report was approved by the Board in March 2025. The Board and all the directors of the Company warrant that there are no false records, misleading statements, or material omissions in the Report, and they shall individually and collectively accept full responsibility for the truthfulness, accuracy and completeness of its contents.

REPORT ACQUISITION AND FEEDBACK

The online version of the Report is published on the Stock Exchange's website (www.hkexnews.hk) and the Company's website (www.cgne.com).

If you have any enquiries, comments, or feedback on the Report, please feel free to send an email to cgnne@wsfg.hk.

03 Chairman's Statement



Zhang Zhiwu

Secretary of the Communist Party Committee,
Chairman and Executive Director

2024 marks a pivotal year for fully implementing the spirit of the 20th National Congress of the Party and a critical year for achieving the objectives of the 14th Five-Year Plan. Under the guidance of the national "Dual Carbon" strategy, China's renewable energy industry has embraced unprecedented development opportunities. First, China has introduced a series of policy and measures and strengthened top-level design to promote the large-scale, high-quality development of renewable energy. Second, technological innovations in wind and solar energy have driven significant cost reductions, the market competitiveness has been continuously enhanced. Third, China has established global leadership in hydropower, wind turbine manufacturing and the photovoltaic industry, solidifying its international competitive advantages and laying a foundation for global collaboration and promotion. Fourth, the growth of renewable energy not only advances the "Dual Carbon" goals but also propels green economic expansion and creates substantial employment opportunities.



As a leading enterprise in the new energy sector, CGN New Energy consistently aligns with national strategies, prioritizes high-quality development, and drives innovation and upgrades in the clean energy industry to contribute to building a beautiful China. Over the past year, we actively responded to national policies, practiced the “Dual Carbon” goals, and achieved remarkable progress in clean energy. As of 31 December 2024, the Group’s attributable installed capacity of power generation projects reached 10,452.4 MW, representing a year-on-year increase of 8.6%; power generation amounted to approximately 19,149.7 GWh, representing a year-on-year increase of approximately 0.4%.

As a responsible Central Enterprise, we not only strive to provide stable, efficient, and environmentally friendly electricity, but also integrate sustainability into our corporate development strategy, creating multidimensional value for society and fostering coordinated economic and environmental progress. The ESG Report, serving as an important summary of CGN New Energy’s annual sustainable development work, comprehensively addresses stakeholder expectations and concerns regarding our ESG performance. It underscores our unwavering commitment to sustainable development and clearly articulates our vision and commitment for the future.

Looking ahead, CGN New Energy will continue to uphold our corporate mission of “Developing Clean Energy, Building a Beautiful China,” accelerate the development of new quality productive forces, promote high-quality development in a down-to-earth manner, and strive to provide customers with the best energy solutions and energy supply. Concurrently, the Group will remain steadfast in advancing sustainability, intensifying efforts in environmental protection, social responsibility and corporate governance, contributing the CGN New Energy strength toward realizing the “Dual Carbon” goals and the promotion of Chinese path to modernization.

Zhang Zhiwu

*Secretary of the Communist Party Committee,
Chairman and Executive Director*

25 March 2025

04 President's Statement



Li Guangming

President and Executive Director

CGN New Energy regards sustainable development as the core driver of long-term high-quality growth, deeply embedding it into our strategy and daily operations. This year, we remained steadfast in implementing our core principles of green development, people-oriented, and technological innovation, achieving remarkable results.

In 2024, CGN New Energy actively implemented the national “Dual Carbon” strategy, continued to focus on the clean energy sector, and advanced the development, construction, and operation of wind, solar, and other new energy projects to propel high-quality development of green energy. In daily operations, we enhanced our environmental management systems, strengthened emission monitoring and resource conservation, and actively engaged in ecological preservation and climate action. Adhering to the principle of environmental protection as a priority, we ensured strict compliance with environmental standards throughout site selection, construction, and operations to safeguard ecosystems and natural resources. Furthermore, we achieved full coverage of GECs, achieving the substitution of office electricity and externally purchased electricity at sites with green-certified electricity, which supports the transition to a green and low-carbon economy and contributes to the sustainable development of global energy as a Central Enterprise.



We pursued an innovation-driven strategy to elevate plant operational efficiency and electricity generation performance. In 2024, we innovatively applied technologies such as modular movable construction platforms in mudflat photovoltaic projects, significantly improving construction efficiency and equipment durability while delivering reliable solutions for clean energy development. Upholding the “people-oriented” philosophy, we refined employee welfare systems to provide a safe, healthy, and dynamic workplace. Over 100 health-themed activities were conducted in 2024 and record-high response rate in mental health surveys. At the operational level, we fulfilled our energy supply responsibilities by ensuring equipment safety and reliability, successfully completing 2024 power security assurance tasks. Additionally, we upheld social responsibility as a core corporate mission, investing RMB3.0 million in rural revitalization, educational support, disaster relief, and other public initiatives to energize societal progress.

We maintained high-quality Party-building to steer and secure high-quality development and modernized our corporate governance system. In 2024, we optimized governance structures, strengthened risk management capabilities, and ensured compliant, transparent, and efficient operations. Meanwhile, we regularly conducted integrity education and compliance training, with no major violations of laws or regulations reported during the year, showcasing a positive corporate image.

Moving forward, the Company will continue striving to building a top new energy enterprise, further deepening the development of its ESG governance system. We will enhance ESG disclosure mechanisms, enrich report content, improve disclosure quality, and proactively address stakeholder concerns to create greater value for stakeholders and society.

Li Guangming

President and Executive Director

25 March 2025

05 About CGN New Energy



COMPANY OVERVIEW

CGN New Energy (Stock Code: 1811.HK), listed on the Main Board of the Stock Exchange, is an independent power producer with diverse fuel types and geographical coverage. CGN is our controlling shareholder, which owns approximately 72.30% of the issued share capital of the Company through its indirectly wholly-owned subsidiary, CGN Energy International Holdings Co., Limited (an indirect wholly-owned subsidiary of CGN).

Currently, CGN New Energy's portfolio of assets comprises wind, solar, gas-fired, coal-fired, oil-fired, hydro, cogen, fuel cell, and biomass power generation projects, as well as an energy storage project in the PRC and Korea. The Group's business in the PRC covers 19 provinces, two autonomous regions and one municipality. In terms of the overseas market, we have gas-fired and fuel cell projects in Yulchon, Korea, as well as oil-fired and biomass projects in Daesan, Korea. As of 31 December 2024, projects in China and Korea accounted for approximately 79.3% and 20.7% of the Group's attributable installed capacity of 10,452.4 MW, respectively.

05 About CGN New Energy

COMPANY VALUE

CGN New Energy's corporate mission:



BRAND STANDARDS

"Natural Energy Powering Nature" is the brand slogan that every CGN personnel takes pride in. CGN New Energy views development, operational safety, clean and sustainable energy as its brand positioning, while stressing and practicing it all the time. In terms of the design, construction, operation and energy resources utilization of power generation projects, the Group holds future-oriented attitudes and insists on minimizing the environmental and social impacts of various production activities. The Group adheres to CGN's consistent personnel management principles and strives to become the industry benchmark in new energy.

INTERNAL CODE OF CONDUCT

Four principles for CGN employees

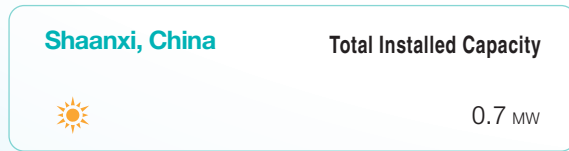
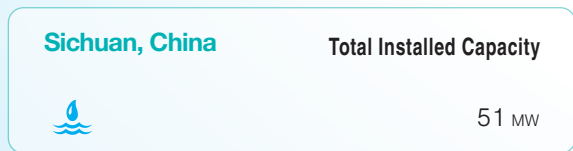
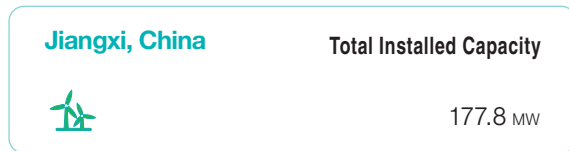
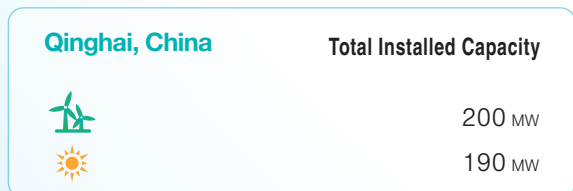
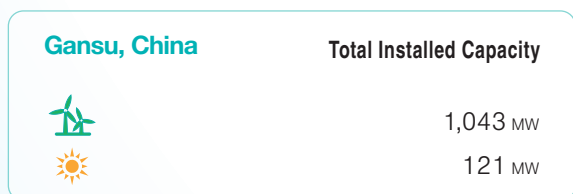
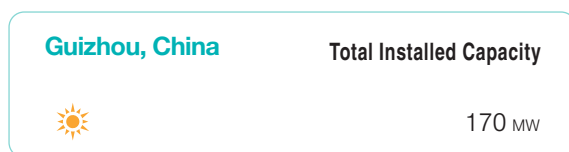
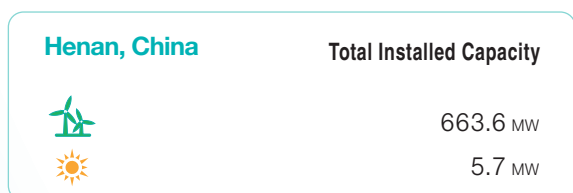
**Integrity and transparency, professionalism
efficient execution and teamwork**

Four principles for management team

**Being a good example, capable operation,
caring for employees, fairness and integrity**

05 About CGN New Energy

DISTRIBUTION OF PROJECTS



05 About CGN New Energy



Guangdong, China

Total Installed Capacity



19.8 MW

Hainan, China

Total Installed Capacity



124.3 MW

Shanxi, China

Total Installed Capacity



199 MW

Hebei, China

Total Installed Capacity



104.6 MW



155 MW

Shandong, China

Total Installed Capacity



567.6 MW



385 MW

Jiangsu, China

Total Installed Capacity



554 MW



461 MW



63 MW



200 MW / 400 MWh

Shanghai, China

Total Installed Capacity



4.5 MW

Anhui, China

Total Installed Capacity



66.2 MW



394.6 MW

Zhejiang, China

Total Installed Capacity



404.2 MW



168.5 MW

Hubei, China

Total Installed Capacity



24 MW



100 MW



326.5 MW



(associates 49%)

2,020 MW

Fujian, China

Total Installed Capacity



8.9 MW

Korea

Total Installed Capacity



507 MW



1,549.1 MW



109.5 MW

06 Highlights of 2024

FINANCIAL AND OPERATING HIGHLIGHTS



Revenue

US\$ **1,951.3** million,
a year-on-year decrease of **11.0%**
(2023: US\$2,193.0 million)



EBITDA

US\$ **896.2** million,
a year-on-year decrease of **0.9%**
(2023: US\$904.5 million)



Profit attributable to equity shareholders of the Company

US\$ **248.0** million,
a year-on-year decrease of **7.3%**
(2023: US\$267.7 million)



Earnings per share (EPS)

5.78 US cents,
a year-on-year decrease of **7.3%**
(2023: 6.24 US cents)



Attributable installed capacity

10,452.4 MW,
a year-on-year increase of **8.6%**
(2023: 9,622.8 MW)



Power generation

19,149.7 GWh,
a year-on-year increase of **0.4%**
(2023: 19,076.6 GWh)

Clean and renewable energy portfolio



Wind



Solar



Gas-fired



Hydro



Biomass

Attributable installed capacity (by energy portfolio)

8,892.6 MV (85.1%) **2024** **1,559.8** MV (14.9%)

8,063.0 MV (83.8%) **2023** **1,559.8** MV (16.2%)

7,426.7 MV (82.6%) **2022** **1,559.8** MV (17.4%)

Conventional energy portfolio

Coal-fired



Oil-fired



Cogen



The Report presents the basic financial and business status of CGN New Energy in 2024. For details, please refer to our Annual Report 2024.

06 Highlights of 2024

PERFORMANCE IN ENVIRONMENTAL PROTECTION

In 2024, the Group generated 12,500.4 GWh of electricity through the solar, wind and hydro power portfolio, helping the electricity industry to address global climate change, reduce air pollution and mitigate environmental impacts.

Equivalent emission reduction in 2024¹:



Carbon dioxide (CO₂)

10,262,828.40 tonnes



Nitrogen oxides (NO_x)

1,662.55 tonnes



Sulfur dioxide (SO₂)

1,037.53 tonnes



Smoke and dust

212.51 tonnes




Wastewater

675,021.60 tonnes

¹ The data were calculated according to the emission and discharge volume of carbon dioxide, nitrogen oxides, sulfur dioxide, smoke and dust as well as wastewater per unit of electricity generated by thermal power plant stated in the *Annual Development Report 2024 of Electricity Industry in China*, and *Annual Development Report 2023 of Electricity Industry in China* and by referring to the Group's cumulative power generation data of solar, wind and hydro portfolio during the Reporting Period.


06 Highlights of 2024

EMPLOYEES' OCCUPATIONAL HEALTH & SAFETY




Number of work-related fatalities

0




Loss of work accident rate (per 200,000 working hours)

0




Lost days due to work injury

0



Number of reportable injuries²


0



Severe injury rate (per 200,000 working hours)

0

COMMUNITY CONTRIBUTION



Amount contributed to community/charity (RMB)³

3,000,000

² Refers to inability of employees to work normally for 3 days or more due to work-related accidents.

³ Includes monetary value of input fund and resources for rural revitalization and public charity.

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CGN New Energy Holdings Co., Ltd. 2024 Environmental, Social and Governance Report

06 Highlights of 2024

THE GROUP'S 2024 AWARDS



CGN New Energy received a total of nine titles at the 10th Investor Relations Awards from the Hong Kong Investor Relations Association (HKIRA), including the “Best ESG (Environmental)”, the “Best ESG (Social)”



CGN New Energy was awarded the “Listed Companies with the Most Growth Potential” by “China Financial Market” magazine



CGN New Energy was honored with the First Prize of the Science and Technology Progress Award by the China Renewable Energy Society

07 Feature Article

CGN New Energy has always regarded technological innovation as the core driving force for promoting high-quality corporate development. We actively address challenges such as long R&D cycles and limited short-term cost-effectiveness, continuously improve the operational efficiency and power generation performance of our power stations, focus on the development of clean and renewable energy, and contribute to the nation's green and low-carbon transition, steadily advancing toward a sustainable future.

STRIVING FOR EXCELLENCE IN TECHNOLOGICAL INNOVATION

To explore and refine our R&D strategies, CGN New Energy maintains close collaboration with multiple stakeholders, including long-term strategic partners, industrial policymakers, the China Electricity Council, energy industry technology alliances, and others. We have established a comprehensive innovation exchange platform to advance the implementation of scientific research initiatives. Based on the principle of "Science and Education First", we have developed a robust science and technology management system, issued a series of regulations such as the *Science and Technology Management System*, the *Scientific Research Project Management Measures* and the *Regulations on the Management of Scientific Research Funds*. Through institutionalized management, we encourage each project company to independently carry out internal and external scientific research project declarations. Through the coordination of the Science and Technology Management Department, we annually collate research needs from project companies. Once a project company successfully applies for a research project, work begins immediately. At the same time, based on the specific circumstances of each project company, we incorporate research efforts into annual key performance indicator (KPI) management, evaluating progress from three dimensions: execution, technology, and quality. Project companies set indicators by stages and levels based on factors such as task completion rates within the schedule plan, the urgency, scientificity, and difficulty of the research, as well as the technical and economic value of the outcomes. To ensure efficient progress, project companies regularly report on project advancements, progress, and execution to the Science and Technology Management Department, ensuring that research plans are implemented on schedule.

During the Reporting Period, we enhanced research management through three key areas: system optimization, talent development, and outcome consolidation.

Improving System Development

The Company continues to improve its technological institutional system. In 2024, 17 management policies were newly developed or upgraded, establishing a standardized research project management system featuring full lifecycle coverage, element-based structuring, and categorized and hierarchical management. Meanwhile, the Company focuses on promoting the incubation and independent operation of specialized R&D institutions. This included optimizing the "1+5+N" Northern Hub organizational structure, establishing a management committee, and launching strategic platforms such as the "Thermal-Sea-Green-Sand-Hydrogen". We also created 1 central institute and 5 domain-specific research institutes, formally establishing 6 innovation platforms, including the Solar Thermal Research Institute, Offshore Technology Research Center, and Smart New Energy Institute.

Enhancing Talent Development

The Company continuously invests resources in the field of scientific research and actively cultivates outstanding R&D talent. In 2024, both the scale and quality of the R&D team have been enhanced simultaneously. At the same time, the Company actively attracted external expertise, recruiting 1 part-time chief researcher, appointing 13 senior and 14 mid-career internal experts, and collaborating with the China Electricity Council, the Renewable Energy Association, and multiple higher education institutions to build an external expert pool, which currently includes 51 external experts. Through initiatives like the "Technological Innovation Lecture Series", we promote technological integration and knowledge sharing, and systematically arrange for R&D personnel to undergo internships on the frontlines. This embeds research work into specific application scenarios, further enhancing the alignment between research outcomes and on-site needs.

Consolidating Innovation Outcomes

As of the end of the Reporting Period, the Company had participated in the development of 15 industry-level or higher standards and achieved nearly 40 technological breakthroughs that meet international or domestic advanced levels..

We have selected the Hebei Xinsheng Project and the Zhejiang Bodaozui Power Station Project as representative cases of our technological innovation practices this year. The projects are presented in the form of "Feature Article" to specifically showcase our initiatives and achievements in technological innovation.

07 Feature Article

INNOVATION ENSURES STABLE OPERATIONS



Hebei Xinsheng Project is located in Yang'erwan Village, Hailiutu Township, Zhangbei County, Hebei Province. It comprises 20 wind turbines with a unit capacity of 2.5 MW and a total installed capacity of 50 MW. As a typical wind power project, the Hebei Xinsheng Power Station leverages the region's high-quality wind resources, significantly promoting the optimization of the regional energy structure and contributing to the achievement of the "Dual Carbon" goals.

Innovation is the primary productive force. The Zhangbei Xinsheng project team integrates technological innovation into daily operations, focusing on technical optimization and process refinement to enhance wind farm operational efficiency and power generation performance. While ensuring stable operations, the project remains committed to driving high-quality growth through innovation.

Innovation – Oscillation Damping Distribution Device Applied to the Power Collection End Near the Sending Terminal of Flexible DC Transmission

During operations in 2021, the Zhangbei Xinsheng project experienced 26 flexible DC system oscillations, severely disrupting production. To resolve this, the team collaborated with Jibei Electric Power Research Institute on the "Zhangbei Flexible DC 58Hz Oscillation Suppression Test". In conjunction with technical experts, they continuously optimised turbine converter programs and main control grid connections parameters. After applying the oscillation damping distribution device, turbines remained grid-connected during low-frequency oscillations in 2023, effectively resolving the issue of turbine disconnection due to flexible DC system oscillations. This improvement increased the wind turbine availability rate from 97.32% to 99.93% and maintained stability. This innovation has enabled the safe operation of wind turbines during grid oscillations, reducing equipment damage and incidents of grid disconnection. Consequently, it has avoided economic losses caused by power generation loss due to disconnection.

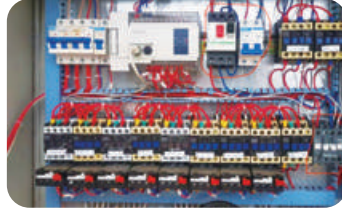
Innovation – Quality Control & Innovation Outcomes

Since its establishment, the Zhangbei Xinsheng Project has consistently focused on production and operations while placing great emphasis on independent innovation and technological breakthroughs. The team has continuously explored practical solutions through hands-on experience. With persistent efforts, the project team successfully developed a series of innovative tools and systems, including the "Emergency Transfer Device for Wind Turbine Elevator Power Failure", the "Automatic Sewage Discharge System Upgrade" and the "Tool for Adjusting the Yaw Motor Brake Pad Gap". These innovations effectively addressed practical issues encountered in production operations and daily management, significantly improving operational efficiency and management standards.

07 Feature Article



The “Emergency Transfer Device for Wind Turbine Elevator Power Failure” mitigates fall risks during elevator failures, ensuring personnel safety and effectively preventing major hazards.



The “Automatic Sewage Discharge System Update” ensures unimpeded discharge, reducing sewage pollution risks for the project.



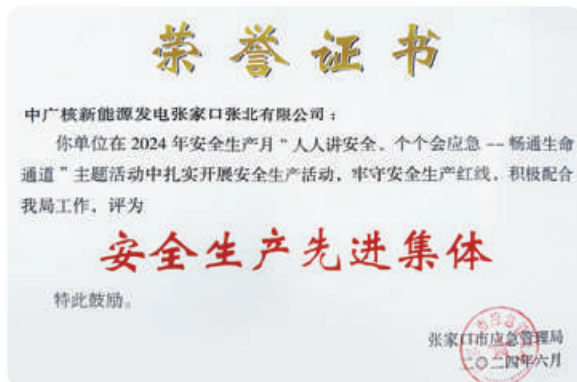
The “Tool for Adjusting the Yaw Motor Brake Pad Gap” significantly enhances work efficiency.

At the same time, the Zhangbei Xinsheng Project has upheld an excellent work ethic, continuously delving into learning and research, tackling challenges head-on, and solving practical issues one by one. The project team has actively explored and submitted proposals for topics such as the “Method for Improving the Efficiency and Accuracy of Yaw Motor Brake Pad Gap Adjustment”, the “Retrofit Method for Internal Locking Function of Goldwind 2.5MW Turbine Tower”, and the “Research and Application of Blade Internal Cavity Condition Analysis and Diagnostic Technology for Wind Turbine Generators”. These efforts have effectively addressed challenges encountered in daily operations.

Since achieving full grid connection at the end of 2020, the Hebei Xinsheng Project has consistently advanced in operational management and technological innovation, earning numerous national and provincial accolades that underscore the Group leadership in the clean energy sector. Notably, in the national wind farm production operation benchmarking assessments, the project secured 5A-rated honours for two consecutive years (2021 and 2022) in the North China (Hebei Province) category and 4A-rated honors in 2023, fully demonstrating its exceptional operational management capabilities and stability. Building on high-quality operations, the project has continuously enhanced vocational technical skills and core competitiveness, receiving distinctions such as “Quality Excellence Unit”, “Advanced Enterprise in China’s Wind Power Industry”, and “Safety and Civilization Excellence Unit”. In 2024, it was further recognized as Zhangjiakou City’s “Safety Production Advanced Collective”. These honors not only affirm the project’s operational quality but also reflect the Zhangbei Xinsheng team’s commitment to high-quality development and technological innovation.



Zhangbei Xinsheng Project was recognized as “Advanced Enterprise in China’s Wind Power Industry”



Zhangbei Xinsheng Project was recognized as Zhangjiakou City’s “Safety Production Advanced Collective”

07 Feature Article

INNOVATION DRIVES TIDAL FLAT PHOTOVOLTAIC DEVELOPMENT

The Bodaozui Power Station, located in Yangshan Town, Shengsi County, Zhejiang Province, has a total installed capacity of 115.038 megawatts peak. The project utilizes a fixed installation method, incorporating a total of 209,160 monocrystalline silicon photovoltaic modules, each with a peak power of 550 watts. Power generation is decentralized within blocks, but grid connection is centralized. The entire site comprises 27 photovoltaic sub-arrays. The project also includes the construction of a 110-kilovolt booster station, which houses facilities such as a comprehensive building, a fire pump room, and prefabricated switchgear cabins.



As the Company's first tidal flat photovoltaic resource development project, the Bodaozui Power Station has been included in Zhejiang Province's "14th Five-Year Plan" pilot projects for new power systems and key photovoltaic power generation projects. It has also been listed as part of Zhejiang Province's Common Prosperity Initiative. Additionally, it was the only major project in Shengsi County to commence construction in the first quarter of 2023, receiving significant attention and strong support from the Shengsi County government.

The Bodaozui Power Station fully leverages tidal flat resources, combining abundant resource utilization, environmental friendliness, and significant economic benefits. This project innovatively utilizes marine resources, conserving land use and offering notable advantages over land-based photovoltaics, such as higher power generation and reduced land occupancy. Relying on the natural conditions of tidal flats, photovoltaic modules are arranged in open, unobstructed water areas with extended sunlight exposure and optimal utilization, resulting in 5% to 10% higher power generation compared to land-based photovoltaics, achieving efficient energy conversion. At the same time, the project's pile foundation structures effectively stabilize the soil, reduce land erosion, and minimize disturbances to the tidal flat ecosystem, thereby preserving biodiversity. Through the "power generation on the surface, aquaculture on the bottom" model, the project establishes a virtuous ecological cycle. This approach not only improves water quality and reduces pollutant emissions but also serves as an innovative demonstration for the harmonious integration of clean energy development and ecological protection.

07 Feature Article

Focusing on technological innovation tailored to the characteristics of tidal flat photovoltaic projects, the Bodaozui Power Station introduced modular movable construction platforms and marine-environment customized photovoltaic modules, significantly enhancing construction efficiency, safety, and equipment durability. These solutions provide efficient and reliable solutions for clean energy development, highlighting the Group's core competitiveness in sustainable growth.

Modular Movable Construction Platform



To address construction challenges posed by thick silt geology and tidal variations in tidal flat photovoltaic projects, the Group innovatively developed a modular movable construction platform, effectively mitigating safety risks such as personnel falling into water, silt entrapment, and floating platform capsizing, while significantly enhancing construction efficiency. Supported by pile foundations, the platform transforms marine operations into stable "land-based" construction, enabling 24/7 operations. Material transportation was upgraded from manual handling to electric pallet trucks and conveyor systems, drastically reducing labor intensity and boosting installation efficiency. This technology, already deployed in the Haiyan Tidal Flat Photovoltaic Project and granted a utility model patent, provides a reliable solution for efficient tidal flat photovoltaic project development.

Marine-Environment Customized Photovoltaic Modules



For coastal and marine environments, the project utilizes customized bifacial double-glass photovoltaic modules with high corrosion resistance tailored for marine conditions. The modules comply with the IEC 61730 photovoltaic module safety certification standards and product certification tests, offering exceptional resistance to salt spray and moisture corrosion. The modules feature an electrophoretic film frame to isolate corrosive agents, double-layer coated front glass to enhance durability, and POE encapsulation on both sides to effectively block moisture. Additionally, waterproof sleeves are added to the junction box to improve sealing performance. These modules are highly compatible with conventional photovoltaic systems, providing efficient and reliable technical support for coastal and offshore photovoltaic projects.

As the only island-based new energy tidal flat photovoltaic project in Shengsi, the power station has attracted significant attention from tourists outside the region after its completion, contributing to the development of the local tourism industry, enhancing tourism service facilities, and injecting vitality into the local economy. At the same time, the project has innovatively implemented the "fishing-solar complementary" model. In collaboration with the Yangshan Town government, the project supports the cultivation of seafood such as razor clams and mudskippers in the tidal flat waters within the photovoltaic plant area. Through centralized harvesting, the initiative generates additional income from fisheries. This approach enables photovoltaic power generation above and fishing operations below, effectively increasing local fishermen's income. The project integrates clean energy development with social welfare, providing strong support for local economic growth, livelihood improvement, and industrial upgrading.

08 Stakeholder Engagement and Materiality Assessment

COMMUNICATION WITH STAKEHOLDERS

Maintaining effective communication with stakeholders is a cornerstone of CGN New Energy's efforts to advance sustainable development. The Group adheres to an open, transparent, and responsible approach, regularly reviewing and identifying key stakeholders closely tied to our operations. Through diverse channels such as meetings, site visits, and satisfaction surveys, we gain in-depth insights into stakeholders' expectations and concerns regarding the Group's development and future plans, aiming to foster a harmonious and mutually beneficial development framework.

CGN New Energy determines whether individuals or groups are our key stakeholders mainly through the following three aspects:







We have identified the following eight types of individuals and groups as our key stakeholders:







In the development, design, construction, and operation of power generation projects, CGN New Energy consistently prioritizes stakeholder needs, actively soliciting and responding to diverse perspectives. During the preliminary design phase, the Group conducts public consultations to gather feedback from residents near project sites and commissions accredited environmental assessment agencies to perform comprehensive environmental impact assessments. This enables the formulation of scientifically robust mitigation plans. The Group is committed to minimizing potential impacts on local environments and communities throughout project lifecycles, balancing economic benefits with social responsibilities.

08 Stakeholder Engagement and Materiality Assessment

The channels and frequency of our communication with key stakeholders are as follows:

Key Stakeholders	Main Communication Channels	Frequency
 Employees	<ul style="list-style-type: none"> Employee meetings/seminars Employee performance appraisal interview Employee satisfaction survey On-site investigation and research Employees' recreational and volunteering activities 	Annual
 Government/regulatory authorities	<ul style="list-style-type: none"> Telephone/e-mail Meeting and interview 	From time to time
 Customers	<ul style="list-style-type: none"> Telephone/e-mail Interview 	From time to time
 Suppliers/Contractors	<ul style="list-style-type: none"> Issue invitation for bids on procurement of products/ services Inspection and supervision of work Supplier conference Telephone/e-mail Interview 	From time to time

08 Stakeholder Engagement and Materiality Assessment

Key Stakeholders	Main Communication Channels	Frequency
 <p>Shareholders/Investors</p>	<ul style="list-style-type: none"> • Shareholders' meetings • Investor conferences • Press releases/announcements • Visits • Telephone meetings 	<p>During the Reporting Period, the Company communicated with investment banks, securities firms and different types of investors.</p> <p>During the Reporting Period, the Company held its 2024 Annual General Meeting and a special general meeting in Hong Kong.</p>
 <p>Members of communities/organizations</p>	<ul style="list-style-type: none"> • Telephone/e-mail • Interview 	<p>From time to time</p>
 <p>Media</p>	<ul style="list-style-type: none"> • Press releases/announcements • Media special interview 	<p>Media interviews are conducted from time to time based on actual needs.</p> <p>During the Reporting Period, the Company constantly updated the latest development of CGN New Energy to the media and the public through press releases/announcements.</p>
 <p>Business partners (e.g. universities, research institutions, professional teams or individuals)</p>	<ul style="list-style-type: none"> • Inspection and supervision of work • Telephone/e-mail • Interview 	<p>From time to time</p>

08 Stakeholder Engagement and Materiality Assessment

MATERIALITY ASSESSMENT

The Group conducts a comprehensive materiality assessment annually to identify ESG issues of greatest concern to key stakeholders, thereby determining the key information to be disclosed in its ESG report. To ensure that the report content reflects CGN New Energy's impact on ESG matters while meeting stakeholders' expectations and requirements for ESG information, CGN New Energy follows the materiality assessment methodology of *GRI Sustainability Reporting Standards*, considering issues based on their impact on stakeholders and the sustainable development of CGN New Energy. During the Reporting Period, the Group, with the assistance of professional consulting agencies, conducted a materiality survey and employed a systematic evaluation process to identify the material ESG topics to be highlighted in the 2024 ESG report.



Step 1:

Updating CGN New Energy's ESG topic repository to identify potential material topics

01

We adopt the compliance disclosure requirements of the *ESG Report Guide* of the Stock Exchange and *GRI Sustainability Reporting Standards* as the benchmark to update the CGN New Energy's 2024 ESG issue repository. Meanwhile, based on CGN New Energy's 2023 materiality assessment results, the updated 2024 ESG issue repository was formed by referring to the Materiality Map of the Sustainability Accounting Standards Board (SASB), the MSCI ESG rating and S&P Global Corporate Sustainability Assessment for the issues of concern to the electricity industry, and the *ESG Special Report Reference Index System for Listed Companies Holding Central Enterprises* by the SASAC. Compared to the 2023 ESG issue repository, three new topics were added this year: "Environmental Responsibility in Power Generation," "Green Energy Trading," and "Community Relations," while some topics were removed. The ESG issue repository was reviewed and finalized by CGN New Energy's management.

Step 2:

Identifying key stakeholders participating in the survey

02

Stakeholders were selected to participate in the survey based on their "degree of impact by the Company" and "degree of influence on the Company", focusing on key stakeholder input.

08 Stakeholder Engagement and Materiality Assessment

Step 3: Conducting materiality assessment

03

During the Reporting Period, we widely collected and solicited feedback from some of the Group's key stakeholders through an online anonymous questionnaire survey. A total of 1,378 valid responses were received from directors, staff (including management⁴ and employees), shareholders/investors, and suppliers/contractors.

Step 4: Developing materiality matrix based on survey results to clarify the prioritization of topics

04

Through a comprehensive analysis of the data and information collected in the survey, we determined the issues with more than half of the scores in both dimensions as material issues from the perspective of "Impacts on assessment and decision making of part of key stakeholders" and "Impacts of the Group on the economy, environment and people (including human rights)" and finally prioritized the materiality of each issue and created a materiality matrix. Fifteen material issues that are most concerned by stakeholders were identified. Compared to 2023, the material topics for 2024 include newly added topics 1, 2, 6, 13, 18, 20, and 26. The Group's 2024 ESG issue repository added topic 1: Environmental Responsibility in Power Generation. This topic was rated as relatively important by both internal and external stakeholders, as environmental responsibility in power generation is also a key part of the Group's corporate social responsibility efforts.

Step 5: Reviewing and validating the identified material topics

05

The results of the analysis have been reviewed by the Board and management of the Group in terms of impacts on the economy, environment and people (including human rights) brought by ESG issues. The Report will focus on these material topics and report on their contents to address the needs of stakeholders in compliance with the Listing Rules.

⁴ Refers to the highest decision maker over the operation of the Company or the related affairs of departments.

08 Stakeholder Engagement and Materiality Assessment



Environmental Topics	Social Topics	Governance Topics
1 Environmental responsibility in power generation 2 Renewable energy opportunities 3 Energy use and efficiency 4 Green energy trading 5 Project-related protection of the ecological environment and natural resources 6 Environmental management measures and compliance 7 Addressing climate change 8 Water use and efficiency 9 Solid waste disposal and management 10 Effluent discharge and management 11 Exhaust emission and management	12 Occupational Health and Safety 13 Employee remuneration and promotion mechanism 14 Response to national strategies 15 Career development and training for employees 16 Employment and employee benefit 17 Employees diversity and equal opportunity 18 Stable energy supply 19 Labor standards 20 Service quality assurance 21 Community relations 22 Community investment and participation 23 Supply chain management	24 Anti-corruption and integrity 25 Technological R&D and innovation 26 Risk management and internal control 27 Social and economic compliance 28 Financial performance and investor interests

Corporate Governance

CGN New Energy adheres to a corporate governance philosophy of truth-seeking and pragmatism, stability and prudence. Through the refinement of rules, regulations, and internal control mechanisms, we continuously enhance our risk management capabilities to ensure compliant and stable business operations.



UNSDGs:



09 Corporate Governance

GOVERNANCE STRUCTURE

Maintaining an efficient, orderly, transparent, and robust corporate governance mechanism is the foundation of CGN New Energy's sustainable development. Since going public, CGN New Energy has strictly comply with the Listing Rules and its Corporate Governance Code under Appendix C1 to the Listing Rules, as well as other relevant laws and regulations. The Company continues to review and update its business management policies, implements high-standard corporate governance practices, and strives to enhance the corporate value to ensure the sustainable and steady development of the Group.

We fully understand the importance of good corporate governance in improving internal management and protecting shareholders' interests. Therefore, we have a corporate governance structure, which consists of the Board and board committees, internal auditors, shareholders, management and employees. This framework further enhances the comprehensiveness of the Company's governance policies and the effectiveness of their implementation.

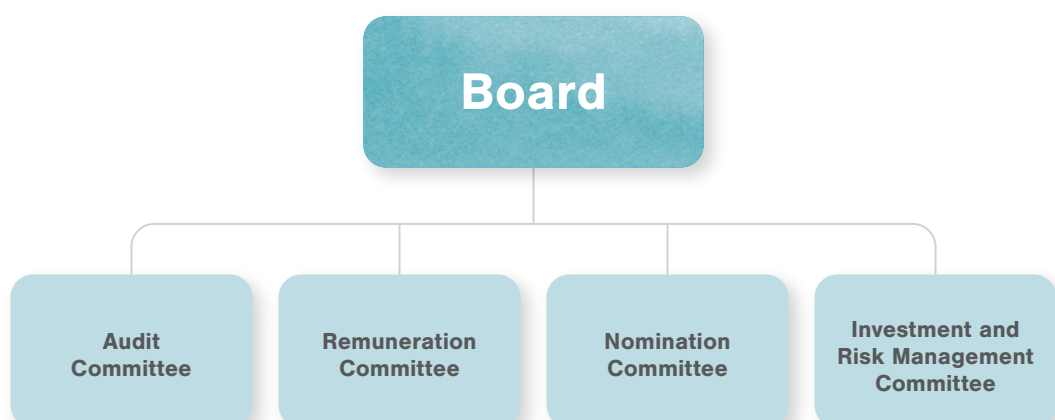
The corporate governance framework of CGN New Energy:



09 Corporate Governance

The Board committees of the Company include the Audit Committee, Remuneration Committee, Nomination Committee and Investment and Risk Management Committee. The corporate governance team is committed to upholding CGN New Energy's interests and making fair and defined decisions on major operational issues of the Company, so as to promote the Company's sustainable development and create value for our key stakeholders. The Report basically presents the corporate governance system and work of CGN New Energy in 2024. For details, please refer to the "Corporate Governance Report" contained in our Annual Report 2024.

The corporate governance structure of CGN New Energy:



For ESG-related matters, we have established clear decision-making and execution processes, fully integrating ESG and climate change issues into the Company's management system. The Board, as the highest decision-making body for ESG-related matters, responsible for coordinating and overseeing duties, formulating and approving policy matters, improving strategic guidelines, formulating and reviewing the targets on a regular basis, maintaining risk management and internal control systems in respect of the business and the ESG matters, and supervising the performance and professional development of senior management. The Board continues to enhance its supervision over the ESG governance, including the monitoring and reviewing ESG-related goals on a regular basis. Meanwhile, the Board will evaluate, prioritize and manage material ESG-related issues (including ESG and climate risks). To ensure the smooth implementation of ESG-related decisions, the Board designates the Comprehensive Management Department as the lead department for ESG initiatives. This department is responsible for developing ESG work plans, coordinating the assessment of material ESG issues and risk identification, preparing the annual ESG report, and regularly reporting progress to the Board. Other departments, as collaborative units, support the execution of ESG initiatives in accordance with the Board's decisions, deeply embedding ESG principles into daily operations.

09 Corporate Governance

ANTI-CORRUPTION AND INTEGRITY

CGN New Energy strictly complies with the laws and regulations relating to bribery, extortion, fraud and money laundering in the regions where we operate, including Mainland China, Hong Kong and Korea. The laws and regulations that we have complied with during the Reporting Period, as well as how we comply with them are listed in “Appendix I” to the Report. The Group formulates and strictly implements internal management policies on the prevention of bribery, extortion, fraud and money laundering in the course of operation.

The Group insists on being guided by General Secretary Xi Jinping’s statements on the Thought on Socialism with Chinese Characteristics for a New Era, earnestly implements the spirit of the 20th National Congress of the Party, fully implements the spirit of the plenary sessions of the 20th Central Commission for Discipline Inspection, the spirit of the SASAC and CGN Party Conduct and anti-corruption work conference, unswervingly promotes the Company’s comprehensive development of strict Party governance to the depth, and provides a strong disciplinary guarantee for accelerating the construction of a top new energy enterprise.

CGN New Energy upholds the value of “Integrity is the New Energy” and practices the integrity vision of “Illuminating Happiness with the Sunshine of Integrity”. The Company integrates a strong culture of integrity into its corporate governance framework, using compliance with laws and regulations as a foundation while continuously striving for higher standards of governance. We have implemented the *Guidelines for the Management of Gifts and Cash* to strictly regulate employee behavior, enhance awareness of integrity, and promote anti-corruption and integrity requirements across all departments and centers. The Secretary of the Discipline Inspection Commission of the Group, as the primary person responsible for supervising the comprehensive and strict governance of the Party, is fully responsible for overseeing the leadership team and its members regarding integrity in professional conduct, work style, and the exercise of power. The Secretary promptly addresses emerging issues and reports major problem clues to the Party Committee and higher-level Discipline Inspection Commissions. At the same time, any violations of Party rules, Party discipline, or the Group’s regulations will be strictly investigated and held accountable in accordance with the *Regulations on Punishment of Violations by Employees of CGN*.

Strengthening Integrity Management

During the Reporting Period, CGN New Energy adopted multiple measures to comprehensively strengthen integrity management and continuously enhance corporate governance standards. Firstly, the Company enforced a principle of “no case goes uninvestigated, no corruption goes unpunished”. By thoroughly investigating issue leads, it rooted out the underlying causes of corruption and eliminated breeding grounds for malpractice. Management gaps identified during investigations were promptly rectified and systems are strengthened to prevent recurrence. Secondly, the Company deepened integrity education and launched the “Legal and Disciplinary Insights” column to conduct Party spirit and integrity education for employees and cadres. This initiative reinforced legal awareness and disciplinary compliance, fostering a positive atmosphere of integrity in professional conduct. Thirdly, the Company improved the supervision system by deepening reforms in the disciplinary inspection system, strengthening and optimizing the disciplinary inspection team. With higher standards and stricter requirements, we are committed to building a loyal, clean, and accountable disciplinary inspection force.

09 Corporate Governance

Carrying out integrity education

The Group remained committed to delivering integrity education across the Board and all employees, comprehensively enhancing awareness of integrity and building a solid foundation for compliant operations. In 2024, the Group achieved full coverage of integrity education, with a 100% participation rate. This demonstrates our strong commitment to and relentless pursuit of building a culture of integrity, providing a solid foundation for achieving high-quality development.

CASE STUDY

Strengthening Integrity Education, Fostering an Atmosphere of Integrity and Righteousness

The Company has thoroughly implemented the requirements of comprehensive and strict governance of the Party by systematically conducting integrity education and warning education for a broad range of cadres, employees, and mid-level managers. As part of its integrity education efforts, the Company organized cadres and employees in batches to participate in warning education activities at Beijing's Comprehensive and Strict Party Governance Warning Education Base. By deeply analyzing typical cases, these sessions guided cadres and employees to further enhance their awareness of integrity and self-discipline, strengthening their ideological defenses against corruption and misconduct. In addition, the Company conducted multiple "Integrity Education Delivered to Your Doorstep" sessions, using straightforward principles and vivid, practical examples to educate Party members and cadres on the importance of adhering to rules, maintaining reverence, understanding boundaries, and setting examples for others. Furthermore, the Company integrated Party discipline learning into its educational efforts by organizing a "Discipline Education Learning Month" initiative. This encouraged various units to adopt employee-friendly methods to conduct discipline education, promoting the continuous advancement of integrity culture and fostering a positive atmosphere of integrity and righteousness.



Examining the Code of Ethics

"Integrity and Transparency, Professionalism, Efficient Execution and Teamwork" is the Code of Conduct of CGN New Energy. In conducting both comprehensive and specialized internal audits, the Group prioritizes key ethical business issues such as corruption, bribery, Code of Conduct compliance, and anti-unfair competition. Through routine audits, we mitigate risks related to corruption, bribery, non-compliant practices, and unethical market behavior, while reinforcing a corporate culture of compliance awareness among employees. The Group continues to strengthen the building of cadre and talent teams and carries out full-cycle management on cadres and employees' morals, ability, diligence and integrity.

Induction Management

- The Group comprehensively evaluates the overall quality, professional competence and work experience of candidates through structured interviews and semi-structured interviews, with strict background investigations.
- Employees are required to provide proof of a clean criminal record when they onboard.

Promotion Management

- The Group comprehensively considers the ability and quality of candidates through public competitions, organization nomination and other ways to fully review professional integrity.
- Before the appointment of cadres, the Company will strictly conduct the democratic evaluation and inspection for "Morales, Ability, Diligence and Integrity".

Assessment Management

- The Group strictly carries out the annual performance assessment and tenure assessment of cadres, which centers on ability, performance, contribution, etc., and also assesses dedication to work and professional integrity.

09 Corporate Governance

Improvement of the Whistleblowing Mechanism

The Group has formulated the *Whistleblowing Policy System* in accordance with the Listing Rules to encourage employees to report any misconduct, malpractice or corruption relating to the Group's business in a confidential environment, and to proactively create a culture of cleanliness and integrity in the workplace. In order to protect the rights and interests of whistleblowers, the Group has formulated a comprehensive protection policy in accordance with relevant laws to ensure that whistleblowers will not be subjected to retaliation or discrimination as a result of lawful reporting or participation in investigations. If an employee believes that he/she has been subjected to unlawful retaliation or discrimination, he/she may file a complaint through the reporting procedure, and the Group will deal with the matter seriously and take punitive measures, including dismissal, against the relevant responsible person.

At the same time, CGN New Energy has established an independently operated petition system to ensure the confidentiality and security of the petition process. Employees can submit complaints or opinions to the Disciplinary Committee of the Company by mail or email, and can choose to report anonymously. All reported information is treated in strict confidence, and the Disciplinary Committee fully protects the privacy of the whistleblowers permitted by law.

To further regulate internal anti-corruption practices, the Group has implemented the *Anti-Corruption Policy*, clarified the code of conduct for employees and the procedures for reporting and investigation, and conveyed a zero-tolerance attitude towards bribery and corruption to suppliers and business partners. We have actively strengthened integrity co-construction with our suppliers, and through deepened communication and collaboration, we have worked together to create a clean business environment, promote the extension of a culture of integrity throughout the value chain, and facilitate high-quality development of the enterprise.

RISK MANAGEMENT

The Board of the Company leads and makes the final decision on risk management; The Investment and Risk Management Committee directly under the Board is responsible for the centralized deliberation of major risk management affairs; The President is responsible for the overall risk control; The Company has a designated department responsible for matters relating to risk management.

Risk Identification

- During the Reporting Period, the Company advanced the *Double Ten Risk Management Rules* for risk assessment. Aligned with the Company's business objectives, strategic focus, plan, budget, performance-based assessment (PBA) and the operation of each unit, specified department will conduct a comprehensive scan of all kinds of risks the Company facing, and evaluate them according to the possibility and impact of risk events and the urgency of management, so as to identify, analyze and optimize the "Double Ten Risks", and monitor and manage them in accordance with the relevant management provisions of the Company's *Comprehensive Risk Management System*.

Risk Response

- The Audit and Legal Department of the Company is responsible for preparing the annual risk management report, which includes the "Double Ten risks" and the control plan for key risk monitoring indicators. Through the annual risk management report, improvement recommendations for the overall risk management system are proposed and integrated into daily business management activities for implementation.

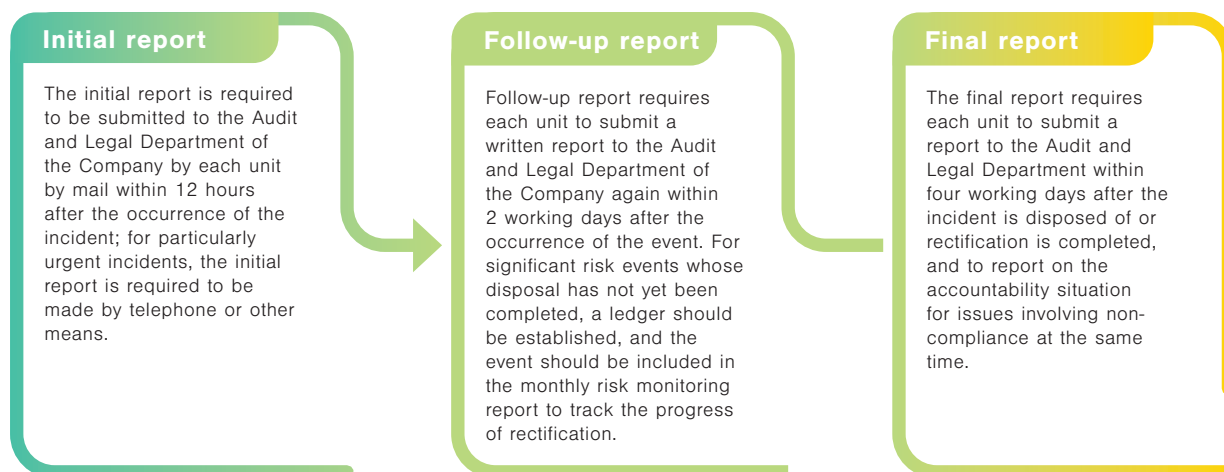
Risk Monitoring

- The Company compiles monthly risk monitoring reports to track major risks and has established a major risk management reporting mechanism to control and follow up on risks. Each responsible unit conducts continuous daily monitoring of relevant risks in accordance with the requirements outlined in the risk monitoring reports. Daily monitoring should, as much as possible, reflect the risk status through quantifiable indicators. These indicators are set based on risk management objectives, risk appetite, risk tolerance, and risk warning levels, and are determined by referencing historical data or industry standards to establish risk warning thresholds.

Risk Reporting

- In respect of major operational risk events identified internally by the Company or reflected by external regulators or the media, the relevant units shall report in stages based on their progress, including initial report, follow-up report, and final report.

09 Corporate Governance



ESG Risk Assessment and Management

The Board has integrated ESG risk (including climate risks) management into the existing risk management and internal control system to effectively identify, assess, prioritize, and manage ESG risks relevant to the Group's business. During the Reporting Period, the Company conducted a review and assessment of ESG risks. Relevant functional departments evaluated the ESG risks identified in 2023 from two dimensions: "the severity of ESG risk impacts" and "the likelihood of ESG risk occurrence". Following review by management and the Board, the Company confirmed that there were no ESG risks classified as "Very High" or "High" in 2024. We identified ESG risks classified as "Medium" as significant ESG risks for the Reporting Period and implemented the following measures to manage these risks:

Major ESG risk	Management Measures
Natural disasters	<ul style="list-style-type: none"> Formulated <i>Emergency Plan Drill</i> and organized units to conduct drills for natural disasters such as flood prevention and typhoon preparations to enhance emergency response capabilities; Upon receiving natural disaster risk warnings issued by government departments, the Company promptly communicates these internally and takes emergency measures, such as cutting off water and power supplies, based on actual circumstances; Conducted specialized safety, quality, and environmental inspections, such as leadership on-site inspections and comprehensive safety, quality, and environmental checks, to promptly identify risks related to natural disasters and implement risk mitigation measures.
Climate change and extreme weather	<ul style="list-style-type: none"> Increased the proportion of installed capacity for renewable energy operations, such as wind and solar energy; Advanced energy-saving retrofitting of operational sites in accordance with the three-year energy-saving plan, replacing energy-consuming facilities like residential lighting, air conditioning, and cooking equipment with energy-efficient products to reduce electricity consumption at power stations; For more details, please refer to the "Addressing Climate Change" section of the Report.

09 Corporate Governance

Major ESG risk	Management Measures
Employee health and safety	<ul style="list-style-type: none"> Established a Safety Committee and a Safety Production and Labor Protection Committee, and developed an occupational health and safety management system along with related management policies; Conducted regular comprehensive safety inspections, identified workplace safety risks and hazards, and provided employees with personal protective equipment; Enhanced the health check-up mechanism, organized occupational health and safety training programs, and paid attention to employees' mental health; Promoted the development of new productivity in safety, quality, and environmental management, improved the functionality of the safety, quality, and environmental business supervision platform, accelerated the integration of energy storage stations into the safety monitoring and health management digital platform, and implemented the use of the AI smart early warning system for personnel operation violations (Three Violations).
Supply chain management	<ul style="list-style-type: none"> Developed strict supplier performance evaluation management methods, with supplier performance evaluation covering seven dimensions; Integrated environmental and social risk considerations into the <i>Supplier Management Practices</i>; Provided safety training and guidance to selected suppliers; Conducted a comprehensive review of manufacturers' equipment production and transportation processes to identify potential supply risks in advance and develop contingency plans to ensure alignment between equipment supply and project progress; Enhanced the qualified supplier database by establishing a company-level supplier pool, continuously enriching supplier categories and quantities to strengthen supply chain resilience; Strengthened legal compliance awareness through contract management, explicitly defining both parties' responsibilities, obligations, and related terms in contracts.
Product and service quality	<ul style="list-style-type: none"> Formulated the <i>Electricity Power Marketing Management System</i> to ensure compliance in all business operations; Established an integrated power forecasting platform and auxiliary decision-making system to ensure better service for external power supply and market users; Conducted research on the application of "energy storage" technology in spot trading and auxiliary service scenarios to ensure the safe and stable operation of the power grid and alleviate grid regulation pressure; Regularly reported to the Board on the operational performance and market development updates, continuously optimizing the operation strategy and maintaining the security and stability of the power grid; Fully implemented energy supply assurance responsibilities to ensure the safe and reliable operation of equipment.

09 Corporate Governance

Major ESG risk	Management Measures
Policy changes	<ul style="list-style-type: none"> Conducted various forms of legal education and awareness activities internally within the Company; Adjusted the Company's operational development plans in response to changes in the industry and market in a timely manner; Maintained a robust compliance management, legal affairs management, internal control, and risk management system with collaborative operational mechanisms to ensure compliance operations; Focused on the clean energy market by continuously increasing the investment proportion in clean and renewable energy projects, such as wind and solar power generation, while enhancing the core operational capabilities of these businesses.
Digital technology development	<ul style="list-style-type: none"> Focused on information-based and digital management transformation, with scientific top-level planning, unified collaborative advancement, and optimized resource allocation, adhering to a consistent blueprint throughout the process; Continued to advance the innovation-driven strategic initiatives, prioritizing technological innovation and information technology support to achieve high-quality and sustainable development; Strengthened the security management of AI application data samples, implemented hierarchical access controls for related systems, and ensured that critical data circulates only within the internal production network; Strictly complied with the <i>Interim Measures for the Management of Generative Artificial Intelligence Services</i>, using generative AI models that have been registered with the National Internet Information Office to ensure compliance and security.
Network security	<ul style="list-style-type: none"> Regulated employees' online behavior, periodically installed or updated the internal antivirus software, and deployed security measures such as external intrusion detection system and firewall to ensure the network security of internal data; Implemented security management for data in server rooms and critical network equipment, and conducted daily inspections of the server rooms; Used a network security situational awareness system to monitor the Company's network traffic in real-time, promptly detected abnormal attack behaviors, and responded to and handled network security incidents quickly; Signed network security agreements with suppliers to strengthen network security requirements.

09 Corporate Governance

Internal Management and Control and Compliance

CGN New Energy has gained comprehensive management experience through years of operation practice in new energy projects. While maintaining stable production and operation, CGN New Energy can timely adjust the Group's operation and development plan with the changes in the industry and market. The Company and its subsidiaries continue to actively improve the internal control management model, vigorously promote digitalization and information technology application of the internal system and improve operation and management efficiency.

CGN New Energy has a robust compliance management system in place and has formulated the *Compliance Manual* that applies to the Company, its subsidiaries, all employees, and business partners. This manual is designed to standardize and strengthen compliance management. The Company ensures the effective operation of its compliance system through mechanisms such as compliance policies, compliance risk management, compliance assessments, and compliance training.

Compliance Policies

The Audit and Legal Department has formulated the *Compliance Management System for New Energy Holding Company* as the foundational policy and has developed the *Legal and Compliance Management Regulations for the New Energy Holding Company*.

Compliance Risk Management

The Audit and Legal Department continuously monitors compliance risks based on the risk list of the *Compliance Risk Database*, leveraging mechanisms such as weekly reports, monthly reports, monthly meetings, and on-site investigations. Regular compliance risk identification and assessment are conducted. The Audit and Legal Department also implements hierarchical management of compliance risks, defining reporting routes and levels, and formulating response plans. Additionally, by incorporating external information retrieval, the Company achieves comprehensive control over compliance risks.

Compliance Assessments

With reference to the *Legal and Compliance Assessment Methods for the New Energy Holding Company*, the Audit and Legal Department conducts unified year-end assessments of all headquarters departments and each branches and subsidiaries. Compliance management is regarded as a key component of the evaluation process. Employee performance appraisal incorporates compliance requirements and compliance performance is linked to employee compensation.

Compliance Training

The Audit and Legal Department continuously organizes various specialized compliance training sessions for the Company's senior management, mid-level and junior management personnel, compliance staff, and new employees.

09 Corporate Governance

Internal Audit

CGN New Energy has established Audit and Legal Department responsible for overseeing and implementing internal audit work, reinforcing its role as the third line of defense for the Company. This department operates under the direct leadership and guidance of the Company's Party Committee and the Board, effectively enhancing the integrity and enforcement of the audit system.

In the process of continuously optimizing the audit management system, the Company's Party Committee provides centralized and unified leadership over audit activities, strengthening institutionalized management. The internal audit team, by enhancing its professional capabilities, proactively and purposefully contributes to the Company's high-quality development, highlighting the unique supervisory role of audits. Furthermore, the quality of internal audits is continuously improved through audit quality assessments, enabling the timely identification and rectification of management shortcomings. The strengthening of the audit rectification tracking mechanism ensures the effectiveness of audit outcomes. By linking audits with accountability, departments and units with frequent issues or inadequate rectifications are warned and urged to improve, thereby better supporting the Company's high-quality and sustainable development.

Promoting the Development of Audit Informatization

- To implement the national policies on audit informatization and the "Dual Carbon" goals, the Audit and Legal Department of CGN New Energy has been actively promoting audit informatization, focusing on audit technology upgrades and the integration of audit and business needs. By leveraging big data technology, CGN New Energy conducts comprehensive analyses of business data to accurately identify operational risks and has established an audit early warning system to continuously enhance its audit governance capabilities.
- The audit informatization initiative began in 2019, with the audit early warning system going live in February 2020. The audit early warning system of CGN New Energy demonstrates wide application and significant results. It has effectively improved audit efficiency, management standards, and risk prevention capabilities. CGN New Energy became the first member unit of CGN to complete its own audit informatization system, and its development experience was used in the construction of the CGN's audit informatization platform and promoted 32 audit models with outstanding results.

Financial Supervision

We continuously strengthen the financial inspection of each project company, focusing on their internal control management, financial accounting audit, and capital and asset file management. Regional project companies are actively subject to regular financial inspection and financial internal control and other special supervision. During the Reporting Period, the Group's financial supervision went smoothly, and no financial problems were found to have a significant adverse impact on the Group's operation.

09 Corporate Governance

Information Security Management

To ensure the security of the Group's information systems during operations, the Company has established a comprehensive information security management system. This system strengthens information security risk management through the implementation of information security policies, incident response mechanisms, security training and drills, information security assessments, and information security measures. During the Reporting Period, the Company did not experience any information security breaches involving clients, consumers, or employees.

Information Security Policies

CGN New Energy has formulated the *Cybersecurity and Informatization Management Policy*, which explicitly requires all employees to strictly adhere to the information security policies, procedures, and standards established by CGN and the Company to ensure comprehensive coverage of information security management. Additionally, members of the leadership team within the Company's Production Technology Center serve as Chief Information Security Officers (CISO), taking direct leadership responsibility for overseeing cybersecurity and informatization efforts, thereby strengthening accountability for cybersecurity management.

Incident Response Mechanism

The Company has established a comprehensive cybersecurity incident emergency response mechanism, continuously improving its incident handling capabilities to ensure the development of a scientific, efficient, and rapid response system.

CGN New Energy has formulated the *Cybersecurity and Informatization Management Regulations*, which clearly require all units to promptly report any identified information security incidents to the designated informatization management department. Emergency response actions must then be carried out in accordance with the *New Energy Information Security Incident Emergency Response Guidelines*. The Company conducts at least one annual test of its emergency response procedures to ensure their effectiveness and reliability.

Security Training and Drills

To comprehensively enhance employees' cybersecurity awareness and prevention capabilities, the Company organized specialized cybersecurity awareness training during the Reporting Period. The training focused on foundational knowledge such as weak passwords and non-compliant operations, guiding employees to apply what they learned in practice and effectively strengthen the first line of defense for cybersecurity. Additionally, the Company conducted cybersecurity attack and defense drills, simulating hacker attacks to perform real-world testing of information systems. These drills enabled a thorough inspection of potential security risks, which were promptly rectified and reinforced, further improving the Company's overall cybersecurity protection capabilities. The Ministry of Public Security's Information Security Level Protection Assessment Center also conducted a cybersecurity level evaluation of the Company's systems, including penetration testing and vulnerability detection.

Information Security Assessments

CGN New Energy has integrated cybersecurity incident management into the Company's production and operation assessment framework, reinforcing the implementation of cybersecurity responsibilities. This ensures a deep integration of cybersecurity with production operations, effectively enhancing the overall security management level.

Information Security Measures

CGN New Energy deploys security measures such as intrusion monitoring systems and firewalls to ensure the network security of internal data. In addition, the Company also regulates the online behavior of employees by improving the internal Internet behavior management system, so as to prevent employees from accessing websites with irregularities or potential safety hazards. To further improve the level of information security management, the Company regularly installs or updates the internal system antivirus software to carry out the virus scanning on the network access port filter and maintain the internal computer safety.

09 Corporate Governance

Grievance Mechanism

The Group attaches importance to the opinions of all stakeholders and establishes a sound complaint mechanism to allow all stakeholders to express their opinions through this channel. The Group has established a complaint accountability system and held relevant personnel accountable for the negligence of duty and dereliction of duty in strict accordance with laws, administrative regulations and relevant provisions of the Group. Meanwhile, in order to protect the stakeholders' right to know and supervise the maintenance and appreciation of the Group's state-owned capital, the Group implements an information disclosure mechanism and discloses information in light of the actual situation of the Group.

The informants can submit the complaint letters through information networks, letters, faxes and other written forms. Each stakeholder can request information disclosure through the contact and feedback methods published on the official website. According to the content and nature of the complaints accepted by the Group, the authorized units directly involve in the complaints accept and handle those complaints within the scope of legal authority according to the procedures and time limit specified in the *Regulation on Complaint Letters and Visits*, and responding to them in writing according to the *Opinions on the Handling of Complaints*. According to the responsibilities and the nature of complaints, the Complaint Department shall handle the complaints assigned by the superior units directly by category, and transfer those within the responsibility scope of the business departments and branches and subsidiaries to each department and branch and subsidiary. The procedures for handling complaints include registration, acceptance, submission, handling, urging, reporting, review, rechecking, filing and other procedures. The Group will also open a public information column on its official website and regularly disclose information.

If the informant further disagrees with the reply, he or she can submit a review application to the review department designated in the *Opinions on the Handling of Complaints* within 30 days from the date of receiving the handling results. After receiving the application, the review department will issue the *Letter of Acceptance for the Review of Complaints* to the informant and issue the *Letter of Review of Complaints* to him or her within 30 days from the date of application. The Group will regularly review the effectiveness of the *Regulation on Complaint Letters and Visits* and make adjustments every three years according to the actual situation and feedback. During the Reporting Period, no complaints were received by the Group.

GUIDANCE IN PARTY BUILDING

High-quality Party building can enhance the overall quality and competitiveness of enterprises. "The 14th Five-Year Plan" emphasizes the imperative to "enhance the quality of Party building". The Group actively responds to relevant requirements, aligns with its own realities, and deeply advances Party building work. It transforms the advantages of Party building into drivers for high-quality development, providing a solid organizational foundation and strong support for building a world-class new energy enterprise.

To deeply carry out General Secretary Xi Jinping's thought on Socialism with Chinese Characteristics for a New Era, implement the *Regulations on the Work of Grassroots Organizations of State-owned Enterprises of the CPC (Trial)*, effectively enhance the construction of anti-corruption and integrity within the Group, clarify the boundaries of powers and responsibilities among various governance bodies, standardize decision-making behaviors, elevate decision-making level, mitigate decision-making risks, and ensure the Group's scientific development, we followed relevant policies, documents and notification requirement, and combined with our own actual situation, we have upgraded the *Working Rules of the Party Committee of the New Energy Holding Company*.

09 Corporate Governance

During the Reporting Period, CGN New Energy continued to strengthen Party leadership in the following three aspects, laying a solid foundation for the Company's high-quality development:

Integrating the requirements of Party building work into the Company's bye-laws

- Clarify the statutory position of the Party Committee within the Company's governance structure, ensuring that the leadership role of the Party Committee is governed by regulations and rules. This guarantees the Party organization's role in key matters such as major decision-making, significant personnel appointments and removals, major project arrangements, and large-scale fund operations

The Party Committee actively participates in the formulation and implementation of the Company's strategic plans

- Strictly implement the Party Committee meeting rules and the collective decision-making system for major matters
- Upgrade the *Working Rules of the Party Committee of the New Energy Holding Company and the Implementation Measures for the 'Three Majors and One Important' Decision-Making System*, improve the leadership system of "two-way entry and cross-appointment", and clarify the "ual role" of the Chairman, Party Secretary and Legal Representative

The Party Committee continues to play a leading role in theoretical learning

- Conduct "First Agenda" learning and Party Committee Theoretical Study Center Group sessions to promote the deep integration and implementation of Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era
- Implement the spirit of the Third Plenary Session of the 20th CPC Central Committee, deepen state-owned enterprise reform, and ensure the orderly advancement of the Company's reform and development tasks through multiple focused discussions and on-site research activities

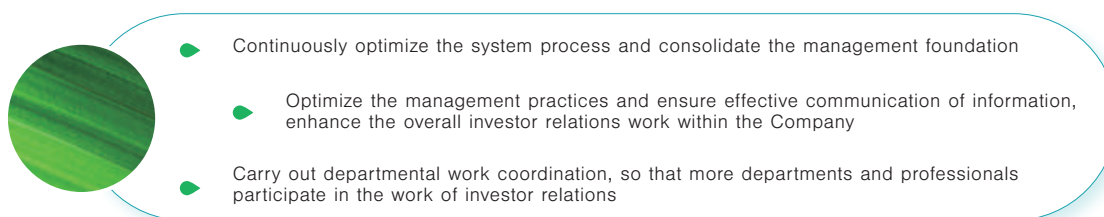


The Party Committee Theoretical Study Center Group conducted a special study on the spirit of the Third Plenary Session of the 20th CPC Central Committee

09 Corporate Governance

INVESTOR RELATIONS

The Group has always prioritized investor relations management, ensuring fair treatment of each investor and striving to protect their interests. The Comprehensive Management Department is primarily responsible for managing investor relations, information disclosure, and other related tasks to ensure normal and orderly development of investor relations management. Internally, the Comprehensive Management Department assumes the responsibility of fostering a corporate culture that serves and respects investors while providing professional suggestions on investor relations management through timely and accurate analysis of capital market dynamics. Externally, the Comprehensive Management Department maintains the Company's reputation and positive image in the capital market through establishing stable and high quality 4R resources and effective communication and strong professional competence. To achieve these goals, sufficient internal construction work has been carried out by the Comprehensive Management Department:



The Comprehensive Management Department independently formulates the annual Investor Relations Management Work Plan, analyzing the current internal and external situation to determine the principles and objectives of the annual investor relations management. It proposes specific measures and standards for annual investor communication work, and tracks implementation monthly, aiming to continuously enhance the quality of the Company's investor relations management. Additionally, the Company has established the *Value Management Regulations* that clearly define the specific responsibilities of management and relevant departments in investor relations management as well as outline the process for carrying out such activities, thereby further promoting awareness and understanding of investor relations management among personnel at all levels.

CGN New Energy actively strengthens interaction with the capital market, prioritizes investor demands, and continuously innovates its investor relations management model through the implementation of a "precise investor relations" strategy. This approach enhances operational transparency and communication efficiency. During the Reporting Period, we successfully identified shareholders who recognize the Company's long-term value, while also solidifying the foundation of potential strategic investors, achieving outstanding results.

09 Corporate Governance

Strengthening investor relations management to enhance the influence in the capital market

- In 2024, the Company organized over 40 communication activities through various formats, including results briefings, roadshows, reverse roadshows, and investor research, reaching more than 500 investors. To facilitate investor participation, the Company's results briefings continued the "video live stream + conference call" format across Beijing and Hong Kong, with core management team in attendance. The number of participants in the interim results briefing increased by nearly 50% compared to previous sessions. Concurrently, the Company actively conducted reverse roadshows and collaborated with other listed subsidiaries of CGN to conduct collective roadshows, successfully attracting new institutional shareholders to increase their stock holdings, further solidifying the foundation of long-term value investors. Thanks to its outstanding investor relations efforts, CGN New Energy won several prestigious awards at the 10th HKIRA Investor Relations Awards, including "Best Investor Relations Company", "Best Investor Relations Team", and the highest honor of the ceremony – "Overall Best Investor Relations Company", the only winner in the small-cap category. This significantly enhanced the Company's brand influence.

Deepening the the depth of information disclosure and enhance market trust

- Under the premise of legal compliance, the Company actively responds to investor concerns and proactively enhances the transparency of information disclosure. When announcing two new project general contracting agreements, we included key data such as annual available operating hours, estimated annual revenue, and project implementation advantages, helping investors make more intuitive judgments about project investment returns. In the monthly power generation announcements, we provided detailed analyses of the reasons behind changes in various types of power generation, offering more decision-making references. Based on market feedback, the refinement in the Company's information disclosure have been widely acknowledged by investors, effectively enhancing market trust.

The Company holds an Annual General Meeting once a year, which is typically held in May each year, with notices of meeting released at least 21 days in advance to inform all shareholders as early as possible. For Hong Kong Stock Connect shareholders, the Company uses channels such as phone, email, and WeChat to promptly notify Mainland shareholders about voting opportunities and remind them of the voting deadlines. These efforts further enhance shareholder participation rates, protect shareholder rights, and promote the standardization and transparency of corporate governance of the Company.

At the same time, the Company actively engages in information disclosure work to enhance transparency. We diligently prepare and disclose annual reports, interim reports, and ESG reports in strict adherence to laws, regulations, and the regulatory requirements of the Hong Kong Securities and Futures Commission. This ensures that investors receive timely, accurate, and comprehensive information regarding the Company's production and operations, financial status, internal control, corporate governance practices, as well as other significant details. We also strictly comply with the information disclosure system by promptly preparing and disclosing announcements of general meetings of shareholders along with resolutions made by the Board concerning important matters or significant events. Meanwhile, we release monthly power generation updates in a timely manner and proactively disclose major project investments to meet capital market expectations and bridge information gaps. All disclosed information will be promptly updated in the Investor Relations section of our official website (www.cgnne.com) for investor convenience.

Green Operation

As a firm advocate and practitioner in the field of new energy, CGN New Energy is committed to providing society with safe, reliable, environmentally friendly, and cost-effective electricity. We strive for a bluer sky, greener hills, and cleaner water. The Company continuously optimizes its environmental management system to fully implement the national policy of “Comprehensively Strengthen Ecological and Environmental Protection and Promote the Tough Fight for Prevention and Control of Pollution”. By reducing the environmental impact of business operations, the Company strives to build a green operation model.



UNSDGs:



10 Green Operation

GREEN MANAGEMENT SYSTEM

CGN New Energy adheres to the operational principle of "To Use Resources Wisely and Maintain a Continuing Development" and has established a comprehensive environmental management system to standardize and support the Group's environmental management. In response to environmental impacts such as disturbance of soil, water and vegetation during the construction of new power plants, as well as fuel consumption and emissions during the operation of some conventional energy projects, the Group has developed the *Environmental Management System* to regulate environmental protection matters in the early planning, engineering construction, production and operation of the project. The Group strictly enforces internal policies for the management of emissions, wastewater, and waste to minimize adverse impacts on the ecological environment and ensure compliance with relevant environmental laws and regulations. At the same time, the Group evaluates and optimizes its environmental management system annually in conjunction with regulatory standards and business practices, publishes an annual environmental management plan, and carries out investigation and treatment of environmental risks and hazards.

The Company has established a Safety Committee led by the President to oversee safety, quality, and environmental efforts. Its main environmental duties include:

- Providing unified leadership for the Company's safety, quality, and environmental affairs. Responsible for formulating medium- and long-term safety, quality, and environmental development plans and integrating them into the Company's overall development strategy.
- Implementing relevant policies and regulations from the state, local governments, and CGN. Establishing and improving the safety, quality, and environmental management system, promoting scientific and safe management practices, improving the emergency management system and enhancing the ability to respond to accidents and disasters.
- Coordinating the allocation of safety, quality, and environmental resources and the investment budget to ensure compliant and sufficient investment in safety, quality, and environmental expenses.
- Formulating and implementing the assessment of safety, quality, and environmental targets. Organizing annual performance evaluations of safety, quality, and environmental, covering various departments, centers, branches and subsidiaries.
- Creating a working system and thematic meeting mechanism for the Safety Committee. Regularly holding meetings to review the safety, quality, and environmental work, discussing problems, and formulating solutions to promote the effective implementation of major matters.

The Group has set up the Safety, Quality and Environment Monitoring Department in all branches, subsidiaries and independent project companies to supervise and manage the environmental protection issues of each project. We assign EHS management personnel for the operation and maintenance of environmental protection facilities in each project. Other departments of project companies play their roles under the guidance of the Safety, Quality and Environmental Department, ensuring the effective implementation of the Group's environmental policies and promoting sustainability throughout operations. Additionally, the Safety, Quality, and Environmental Protection Department has established a Safety Committee Office to assist in the execution of environmental protection work plans. The Group organizes annual training for its subsidiaries on energy saving, hazardous waste management, and related topics to help employees understand the environmental impacts of their work and enhance their environmental awareness.

10 Green Operation

For environmental efforts, we have set short-term (1-2 years), medium-term (3-5 years) and long-term (5-10 years) environmental targets according to the actual situation, and the action plan was implemented in accordance with the progress made during the Reporting Period:

Category of objectives	Environmental objectives	Indicators	Timeframe	Action plan and results	Actions taken during the Reporting Period
Air pollutant emission	Improve the efficiency of air pollution control facilities	Increase investment in environmental technology	Short and medium-term	For Nantong Cogeneration Project: In short term: 1. Replace or supplement denitration catalyst. 2. Increase the maintenance of desulfurization facilities. 3. Build a new emergency pool for sudden environmental accidents. In medium-term: 1. Technically transform deslagging system from a wet slag machine to a dry slag machine. 2. Overhaul and transform the electric duster and replacement of bag-type dust collector. 3. Maintain and replace bag-type dust collectors for ash silo.	In short term: 1. Replace and supplement the denitration catalyst for boilers #4, #5, #6. 2. Enhance maintenance of desulfurization facilities and upgrade the desulfurization system for boiler #4. 3. Complete the construction of the emergency pool. In medium-term: 1. Upgrade and replace the Continuous Emission Monitoring Systems (CEMS) for outlet #2 and complete the dry slag machine renovation. 2. Conduct a major overhaul and renovate the electrostatic precipitators for boilers #1, #3, and #4, and replace the bag filters. 3. Maintain and replace the filter cloths for the desulfurization filter press.
		Obtain the latest information on environmental technology	Short-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project: 1. Obtain the latest information on environmental technology from the government's official website and participate in the academic training, forum or exchange meeting on environmental technology organized by the government or association. 2. Engage in regular exchange activities with the Chinese Research Academy of Environmental Sciences.	Obtain the latest policy and regulation documents from the government's official website and local government and publicize them.
		Reduce the share of fossil fuels	Long-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base and Mianyang Sanjiang Hydropower Project: 1. Increase the share of installed capacity of wind power, photovoltaic, hydropower and other renewable energy operations.	Increase share of installed capacity for renewable energy operations according to the annual development indicators and construction and operation indicators.

10 Green Operation

Category of objectives	Environmental objectives	Indicators	Timeframe	Action plan and results	Actions taken during the Reporting Period
Greenhouse gas (GHG) emission	Trade in the carbon market	Sign cooperation agreements with enterprises/ institutions to reach strategic cooperation	Short-term	For Nantong Cogeneration Project: 1. Sign a cooperation agreement with a carbon asset management company. 2. Meet the need for GHG verification and participate in the trade in the Carbon Assets Market.	1. Nantong Cogeneration Project has signed a cooperation agreement with a carbon asset management company. 2. The Nantong Cogeneration Project actively cooperates with the annual carbon emission verification and expands the emission trading market. 3. Hire third-party experts to conduct training on carbon asset management.
	Assist in reaching peak carbon emissions and carbon neutrality	Improve the standard of carbon emission management	Short-term	For Zhejiang Ninghai Wind Power Project, Wuhan Hanneng Gas Project, Nantong Cogeneration Project: 1. Improve its professional management of carbon emissions, performance and trading through standardized carbon asset verification and management.	1. Improve the professional management of carbon assets, including emissions monitoring, compliance, and trading, through standardized verification and management practices. 2. Work with external experts to conduct internal training and pre-audits of carbon emissions. Under the guidance of professional instructors, standardized management ensures compliance with carbon emission verification requirements, enhances data quality, and avoids penalties related to data and data chain issues.
		Formulate carbon reduction roadmap planning and carbon neutrality scheme	Short-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project: 1. Actively explore zero-carbon technology solutions with emission reduction capacity, scalability, innovation level, economy and social benefits as main KPIs.	1. Energy-saving and carbon reduction measures are being implemented at various sites, including transitioning to photovoltaic power supply for factory area streetlights and certain office spaces, continuously driving project companies toward achieving zero-carbon green electricity in office environments. 2. Intensive efforts are being made to promote carbon reduction in new energy operations. All units are implementing the national mandate for full coverage of GECs. By the end of June 2024, centralized renewable energy power generation projects have largely completed documentation and registration. Additionally, green electricity and GEC procurement efforts are being advanced, significantly reducing the Company's carbon dioxide emissions. By the end of December 2024, all units have achieved 100% replacement of office electricity and purchased electricity at stations with GECs and green electricity.
		Research and develop GHG emission reduction technology	Medium-term	For Wuhan Hanneng Gas Project and Nantong Cogeneration Project: 1. Actively follow up the development route and scenario-based application of Carbon Capture, Reuse and Storage (CCUS) technology, and timely transform relevant equipment.	1. Carry out necessary modifications according to local environmental protection requirements, such as the installation of carbon dioxide on-line monitoring equipment.

10 Green Operation

Category of objectives	Environmental objectives	Indicators	Timeframe	Action plan and results	Actions taken during the Reporting Period
Waste generation	Increase resources recycling	Increase waste recycling rate	Short and long-term	<p>For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project:</p> <p>In short term:</p> <ol style="list-style-type: none"> 1. Improve the waste sorting and recycling signs and facilities in the plant and office. <p>In long-term:</p> <ol style="list-style-type: none"> 1. Strengthen the capacity to sort out and dispose of wastes, and accelerate the recycling and disposal of photovoltaic modules and fan blades. 2. Encourage employees to actively repair and recycle facilities, and set up and issue incentive bonuses for repairing and recycling. 	<p>In short term:</p> <ol style="list-style-type: none"> 1. Improve waste classification and recycling identification in plant and office areas through the major inspection of safety production and the inspection of safety, quality and environmental projects. <p>In long-term:</p> <ol style="list-style-type: none"> 1. Each station carries out the disposal by signing the agreement (contract) on the disposal of photovoltaic components and fan blades with the unit with solid waste disposal qualification. 2. Encourage employees to actively carry out repair work.
	Reduce waste production	Strengthen the maintenance and repairment of equipment	Short, medium and long-term	<p>For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project:</p> <ol style="list-style-type: none"> 1. Strengthen equipment maintenance and extend the service life of the equipment. 	According to the equipment maintenance cycle, the Group's subordinate stations regularly carry out equipment maintenance activities such as pre-test and regular inspection, semi-annual inspection and annual inspection.
Energy use efficiency	Promote the development of green energy	Increase investment in renewable energy	Long-term	<p>For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base and Mianyang Sanjiang Hydropower Project:</p> <ol style="list-style-type: none"> 1. Accelerate the development and construction of wind power, photovoltaic, hydropower and other renewable energy fields. 	Promote the development and utilization of renewable energy in accordance with the annual development targets and construction and operation targets.
	Increase energy efficiency	Transform energy-saving technology in the workplace	Short, medium and long-term	<p>For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project "Leader" Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project:</p> <ol style="list-style-type: none"> 1. Replace and eliminate old water pumps and motors to improve equipment efficiency. 2. Reduce the auxiliary power consumption rate. 3. Recover and utilize waste heat in the cogeneration project. 4. Increase the photovoltaic conversion efficiency by strengthening the management of photovoltaic modules in the photovoltaic project. 	<ol style="list-style-type: none"> 1. Reduce plant power consumption rate through daily equipment maintenance and operation optimization control. 2. In cogeneration project, the boiler set fixed discharge, continuous discharge drainage and exhaust steam recovery; The internal structure of deaerator tower head is changed to achieve the purpose of recycling waste heat. 3. Improve the availability rate of photovoltaic project by strengthening the inspection and maintenance of equipment.

10 Green Operation

Category of objectives	Environmental objectives	Indicators	Timeframe	Action plan and results	Actions taken during the Reporting Period
Water resource use efficiency	Increase investment in water-saving facilities	Regularly check and maintain water pipes and water supply systems	Short, medium and long-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project “Leader” Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project: 1. Regularly inspect and maintain the water supply equipment and facilities in stations/projects.	Carry out inspection and maintenance of water supply equipment and facilities according to the inspection plan and maintenance cycle to avoid the existence of leakage.
		Water-saving project at the project site	Short, medium and long-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project “Leader” Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project: 1. Maintain the sewage treatment system in the power plant/project to process and reuse sewage.	Carry out regular sewage system maintenance and the sewage treatment system is in normal operation.
	Reduce average water consumption	Improve employees’ awareness of water-saving	Short and medium-term	For Zhejiang Ninghai Wind Power Project, Inner Mongolia Wuhai Photovoltaic Project “Leader” Base, Wuhan Hanneng Gas Project, Mianyang Sanjiang Hydropower Project and Nantong Cogeneration Project: 1. Carry out water-saving training and water-saving theme activities.	The Company organizes annual activities such as World Environment Day, Energy Conservation Publicity Week, Low-Carbon Publicity Day, and National Ecology Day. These events include water-saving and energy-saving awareness campaigns to create a festive and environmentally conscious atmosphere.

To fulfill the objectives, we will continue to organize environmental supervision and regular inspection, and collect the monthly energy-saving index data required by the SASAC, so as to effectively monitor and review the progress of the objectives.

Currently, all power projects in operation are certificated by ISO 14001 and GB/T 24001-2016 Environmental Management System. The Group requires all newly acquired or completed power projects to be certified, so as to strengthen the environmental compliance of project operation. At the same time, in accordance with the requirements of the internal audit management, we carry out internal audits covering environmental management at least once a year, and external audits as required, to continuously improve the level of environmental management and promote green and sustainable development.

MONITORING AND MANAGEMENT MECHANISM FOR EMISSION AND DISCHARGE

CGN New Energy strictly complies with the laws and regulations on air and greenhouse gas emissions, discharges into water and land generation of hazardous and non-hazardous waste in the regions where we operate, including Mainland China, Hong Kong and Korea. The laws and regulations that we have complied with during the Reporting Period, as well as how the Group complies with them are listed in “Appendix I” of the Report. The Company determines the standards for wastewater and exhaust gas in accordance with national regulations or industry standards, and monitors these standards before discharging. Solid waste is also disposed of strictly in compliance with national regulations or industry standards.

10 Green Operation

Atmospheric Emissions

The main atmospheric pollutants produced by the Group, including smoke and dust, sulfur oxides and nitrogen oxides, are mainly from fuel combustion during the operation of coal-fired, cogeneration, gas-fired and biomass projects. To minimize the environmental impact of pollutants, the Group has installed and operated efficient exhaust gas treatment devices at relevant projects. Additionally, a comprehensive monitoring system and daily management mechanism have been established to track exhaust gas and GHG emissions throughout the entire process, ensuring full compliance with local air pollutant regulations. Furthermore, the Group has implemented strict management protocols, including specialized environmental facilities for boiler emissions and kitchen fumes generated from daily operations, as well as vehicle emission control measures. Regular inspections and maintenance of mechanical equipment and exhaust gas treatment facilities are conducted, with clear operational guidelines for relevant personnel to ensure emissions meet standards from an internal governance perspective. We also routinely inspect and maintain the exhaust gas emission systems to ensure their proper functioning. In the event of system malfunctions, operations are immediately halted for repairs, and environmental authorities are notified to minimize environmental impact.

Our operation of the coal-fired power plant in Mainland China has been strictly in compliance with the *Emission Standards for Air Pollutants in Thermal Power Plants* to ensure the emissions of smoke and dust, sulfur oxides and nitrogen oxides are below the concentration level of 20 mg/m³, 50 mg/m³ and 100 mg/m³, respectively. We have also achieved ultra-low emissions through process modifications and equipment upgrades to continuously reduce the emissions caused by electricity production. Various project companies have commissioned third-party monitoring organizations to monitor the atmospheric emissions and keep monitoring records.

Daily management of atmospheric pollutants



Production and operations management:

- Install boilers that comply with environmental protection requirements and implement the "Three Simultaneous" green system to meet the emission standards for boilers
- Equip appropriate environmental facilities for boiler emissions and kitchen fumes generated from daily operations to reduce air pollution
- The production departments of each project companies carry out regular inspection and maintenance on the exhaust gas emission system, exhaust gas treatment facilities and CEMS online monitoring system to ensure all systems normally operate and record the inspection results

Vehicle and equipment management:

- Arrange the annual inspection of traffic vehicles to make sure the exhaust emission meets the specified standard, and take effective prevention and control measures for vehicles exceeding the standard as required
- Implement necessary controls on the fuel used for motor vehicles, and purchase unleaded gasoline or fuel that matches mechanical properties
- Encourage qualified units to purchase new energy vehicles for production and operational activities
- Use the mechanical equipment in strict accordance with the operating instructions and relevant operating procedures of the mechanical equipment, and carry out routine maintenance

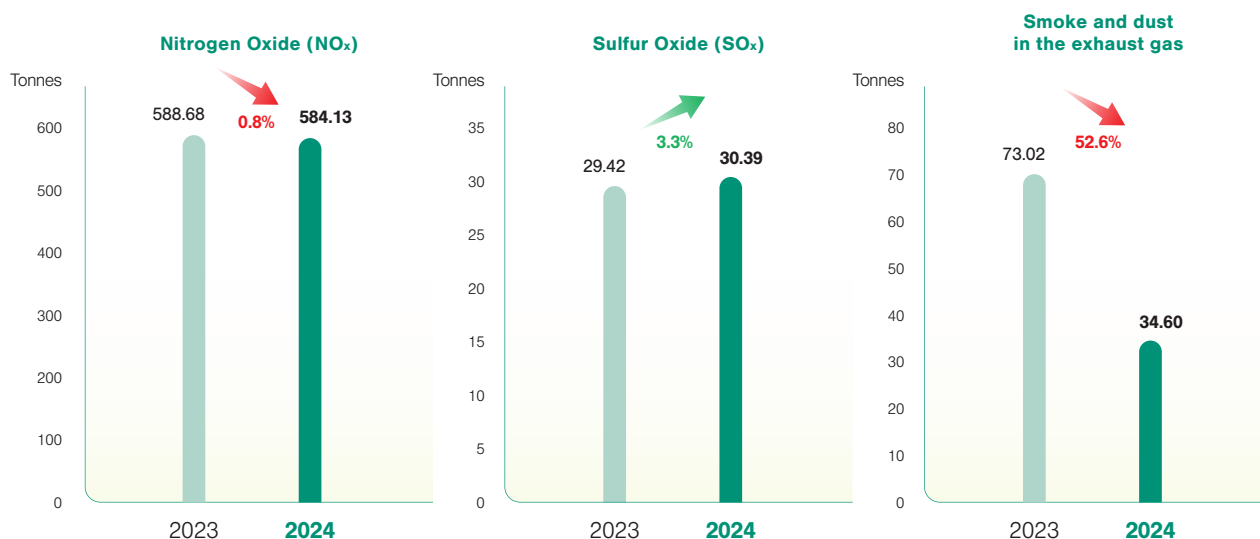
Methods for handling atmospheric pollutants



- Gas from boilers is emitted at height after being treated in the gas duster system
- Magnesium oxide and limestone are used to treat desulfurization
- Satisfy the NO₂ emission standard through low nitrogen burning and selective catalytic reduction (SCR) desulfurization

10 Green Operation

During the Reporting Period, the Group's atmospheric pollutants emissions were as follows:



Wastewater Produced

CGN New Energy manages the major wastewater produced in its operations through an established environmental management system to ensure its compliance with national and regional laws and regulations. The main wastewater produced during the operation of the Group includes wastewater from chemical treatment, sewage from the slag removal system and the sewage and coal transport system, periodic discharge of boilers as well as domestic wastewater, etc. At present, the wastewater generated by our plants/projects is primarily domestic wastewater. We disposed of it in accordance with the requirements specified in the environmental impact assessment approval, and it has not caused any significant impacts on water resources.

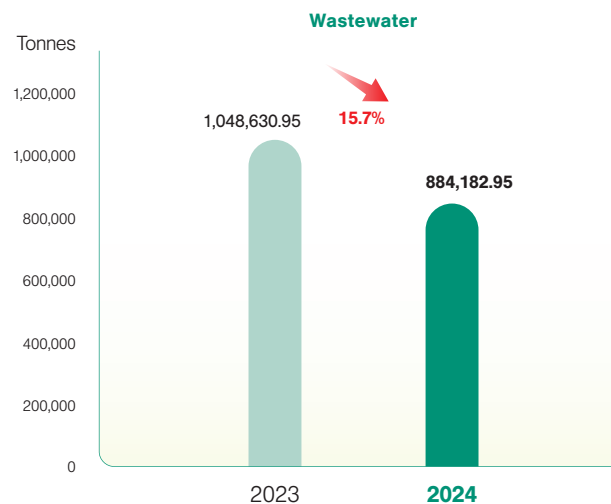
The Group continuously improves its daily management mechanisms, clearly defining responsibilities for wastewater management and treatment. It requires all stations to establish and regularly update the *Domestic Sewage Disposal Ledger* to standardize the wastewater disposal process. At the same time, we strictly avoid locating domestic or construction sewage discharge outlets in drinking water sources, important fishery waters, or water bodies and protected areas with special economic or cultural value, thereby preventing wastewater pollution risks at the source.

10 Green Operation

Wastewater management, treatment and testing methods

Wastewater Management	<ul style="list-style-type: none"> The Production Management Department of each project company manages and treats the wastewater as well as makes records accordingly For project construction that involves wastewater discharge, the department-in-charge signs the environmental protection agreement with the contractors while the Safety, Quality and Environmental Department should ensure that wastewater is discharged in compliance with the standards For stations with canteens, we require that the domestic sewage treatment system be equipped with oil-water separation functionality. For stations lacking such facilities, we actively promote upgrades or the installation of oil-water separation devices at the canteen drainage points
Wastewater Treatment	<ul style="list-style-type: none"> Wastewater is treated through the wastewater treatment system, undergoing processes such as sedimentation and neutralization, and is recycled for reuse or discharged to the sewage treatment plant after meeting standards
Wastewater Testing	<ul style="list-style-type: none"> The Safety, Quality and Environmental Protection Department of each project company commissions a third-party monitoring organization to monitor the wastewater discharged and maintain monitoring records

During the Reporting Period, the Group's discharge of wastewater was as follows:



10 Green Operation

Hazardous and Non-hazardous Waste

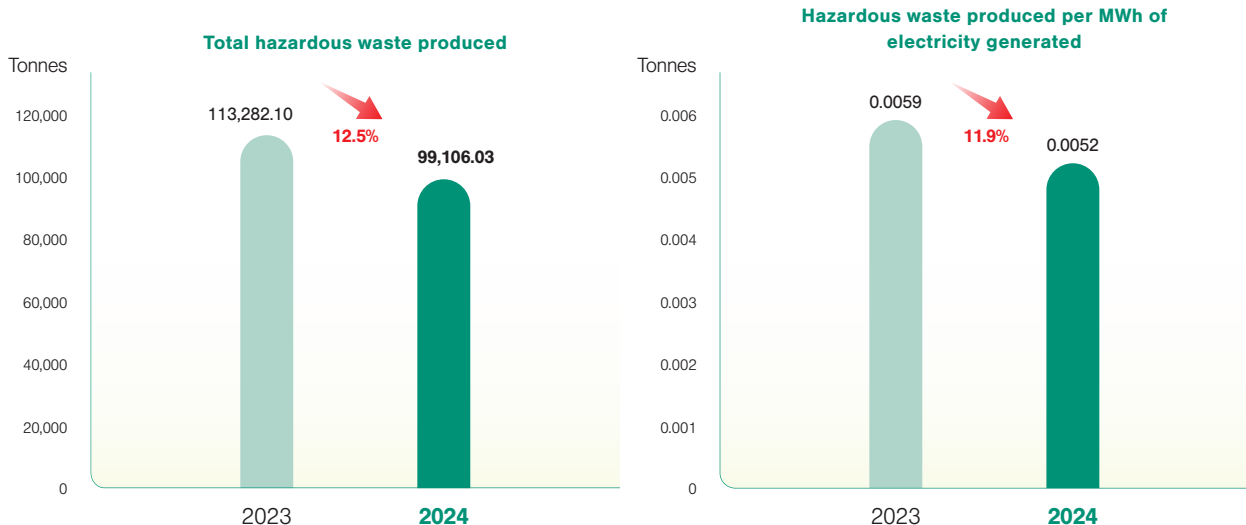
CGN New Energy carries out comprehensive management of major wastes produced in the operation process through the established environmental management system, so as to reduce the adverse impact on the projects' surrounding environment and people's health. The main wastes generated by the Group in the process of power production include fly ash, slag, waste oil, waste paint, desulfurization gypsum, denitration catalyst, etc.

For hazardous waste, we strictly follow the requirements of the *Implementation Rules for Environmental Management* to regulate the generation, collection, storage, transportation, utilization and disposal of waste. Hazardous wastes are collected and stored in designated warehouses in each user department, and are registered and managed by professionally trained custodians, and ultimately handed over to third-party organizations with relevant qualifications for harmless treatment. During the treatment process, we keep and file all relevant information, including the "five copies of the transit manifest", to ensure the compliance and traceability of the whole process. At the same time, all sites have established and regularly updated *Solid and Hazardous Wastes Disposal Diary* to record the complete recovery and disposal of waste and to realize refined management.

We hire professional resource recovery companies to recover reusable by-products of fuel combustion and waste gas treatment process such as fly ash and desulfurization gypsum. This approach not only reduces the impact of waste on the environment but also lowers the Group's operating costs, realizing both economic and environmental benefits.

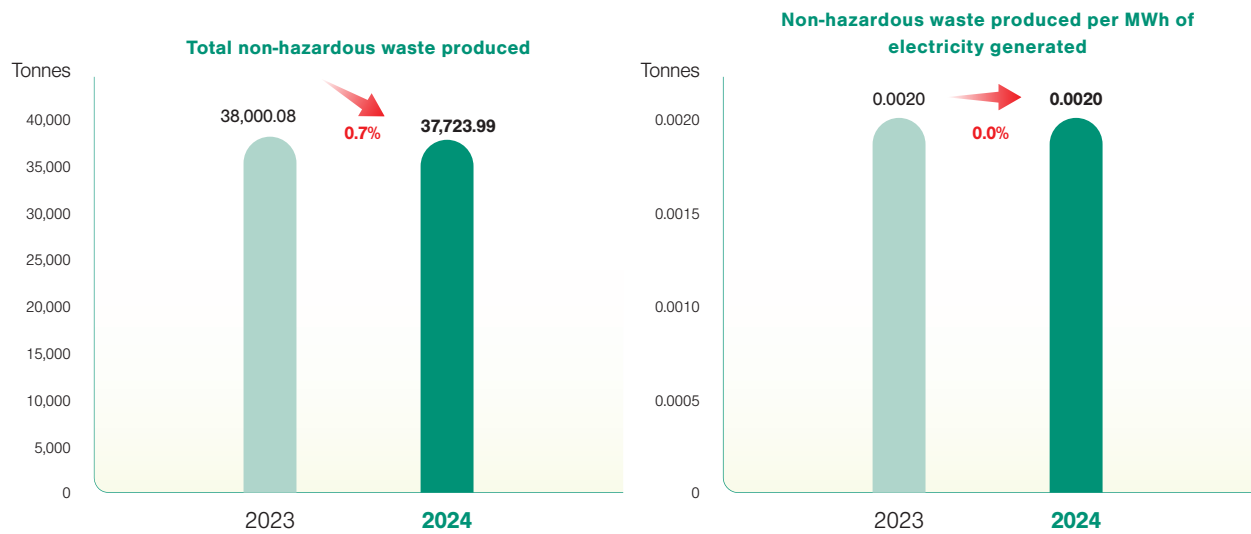
All departments of the Group are committed to the principle of "Repair and Reuse, Proper Storage, Full Utilization, Revenue-generating and Expenses Cutting" to reduce waste production during operation. We perform the necessary repairs to dismantled parts at production sites to restore their functionality and put them back into use again, thereby reducing waste and production costs. We also actively promote paperless office work in the office sector to minimize the waste of paper. In addition, the Group organizes annual hazardous waste management training for its branches and subsidiaries to further enhance the employees' capacity to implement hazardous waste management.

During the Reporting Period, the hazardous waste produced in the Group's operation was as follows:



10 Green Operation

During the Reporting Period, the non-hazardous waste produced in the Group's operation was as follows:



10 Green Operation

During the Reporting Period, the waste recycled in the Group’s operation was as follows:



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The Group has set a target of 100% compliance rate for the disposal of hazardous and solid waste and achieved the relevant target during the Reporting Period. In the future, the Group will further reduce the hazardous and non-hazardous waste generated in the operation process through technical process improvements and production equipment upgrading.

USE OF NATURAL RESOURCES

CGN New Energy adopts the “Three Balances” approach where “Environmental Protection First in Preliminary Design, Striking a Balance Between Construction Progress and Environmental Protection, and Incorporating Environmental Considerations in Production”. It not only rolls out a variety of initiatives on ecological and landscape protection, atmospheric environment protection and water environment protection but also emphasizes energy and resource-saving in the operation. The Group formulates and strictly implements various internal management policies on the use of energy and water resources.

Energy Utilization

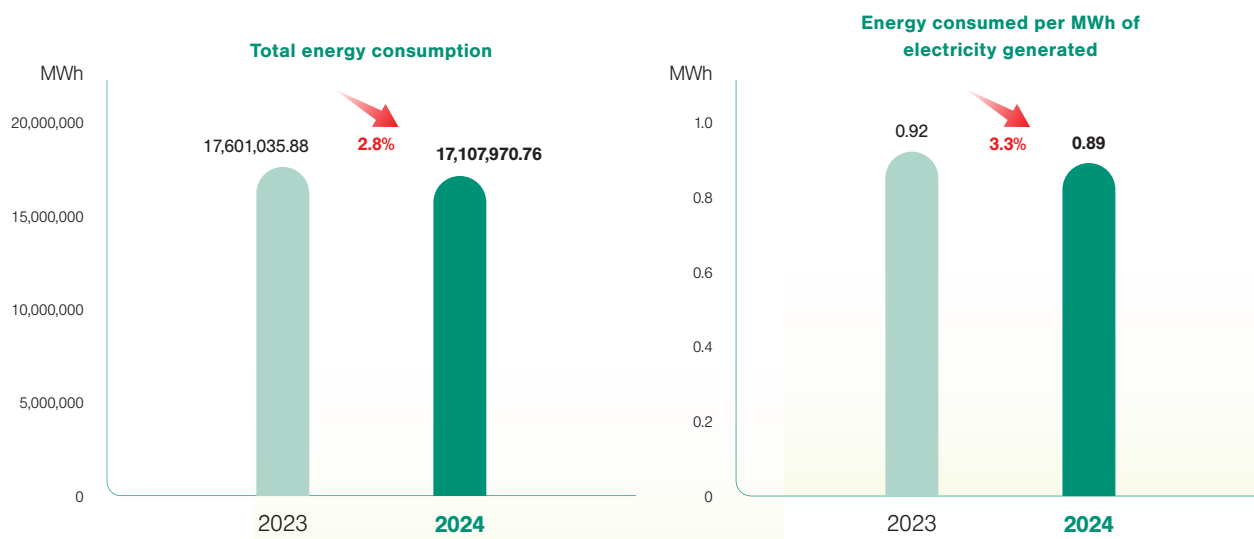
CGN New Energy adheres to the principle of efficient use of energy. By implementing multiple key energy-saving technical renovation projects and continuously increasing the investment proportion in clean and renewable energy projects, we are consistently improving the Group's overall energy utilization efficiency, reducing GHG emissions, and lowering operational costs. For example, we regularly conduct equipment operation inspections and maintenance to enhance equipment availability and reduce plant power consumption.

The Group continues to promote the development of green energy, with the construction and operation of various clean energy projects progressing steadily. Currently, the wind power business features comprehensive and professional services offshore and onshore. The Group maintains an industry-leading position in the standardization, systematization, and scale of wind power construction and operation and maintenance. With the increasing proportion of renewable energy investments, the Group's energy consumption density is expected to further decrease.

Meanwhile, the Group actively fosters a corporate culture focused on energy conservation and environmental protection. Through organizing energy-saving training, popularizing knowledge about energy conservation and environmental protection, and publicizing relevant laws and regulations, we continuously enhance employees' awareness of energy conservation and environmental protection. We regularly carry out ecological and environmental protection publicity activities such as “World Environment Day”, “Energy Conservation Week”, and “Low Carbon Publicity Day” to create a favorable atmosphere for energy conservation, advocate the concept of civilized and thrifty behavior. In addition, in accordance with the *Safety, Quality and Environmental Training Management Regulations*, we formulate training plans related to energy conservation and ecological environment protection to enhance the energy-saving and environmental awareness of all employees, further promoting the active participation of all employees in building a green future together.

10 Green Operation

During the Reporting Period, the major energy consumption in the Group was as follows:



The Group has set a target to reduce the comprehensive energy consumption per RMB10,000 of output value by 3% and the carbon dioxide emissions per RMB10,000 of output value by 4% compared to 2023, and achieved these goals during the Reporting Period. Additionally, the Group actively promotes a three-year energy-saving renovation plan, focusing on upgrading energy-efficient products for facilities such as lighting, air conditioning, and cooking equipment in operational stations to comprehensively improve energy use efficiency and effectively reduce power plant consumption. The first phase of renovation work is planned to be completed by 2024, with the goal of achieving full coverage of power plant energy-saving renovations by 2025. This will help establish a green and efficient operational management system, laying a solid foundation for low-carbon sustainable development.

Renewable energy opportunities

Against the strategic backdrop of the “Dual Carbon” goals, CGN New Energy seizes opportunity, driven by innovation-led and integrated development, to promote synergies between new energy and other industries and create a distinctive new energy development model. Based on wind power, photovoltaic and energy storage projects, CGN New Energy continues to increase its project development efforts and accurately deploys high-quality projects to enhance the capacity of local consumption of new energy. We develop both centralized and distributed projects, as well as onshore and offshore projects, to comprehensively enhance the safe and reliable supply of new energy, and accelerate the green and low-carbon transformation of the industry across all regions. In addition, we explore the demand for green power in key energy-consuming industries, plan new energy green power substitution and direct green power supply projects, and strengthen industrial cooperation, so as to inject new momentum into the construction of a clean and low-carbon energy system.

10 Green Operation

Water Resource Management

Enhancing water resource use efficiency is an important issue in CGN New Energy's daily operations. The Group's water consumption primarily arises from equipment cleaning, on-site personnel domestic water use, daily office activities, and firefighting water usage. To achieve efficient water utilization, we implement multiple measures, including using circulating water and rainwater instead of freshwater in the plant, applying water saving appliances and inspecting and maintaining the water supply system regularly to prevent issues such as "leakage, spillage, dripping, and seeping" to reduce water resource consumption at the source and effectively prevent waste.

All project companies strictly monitor water meters and related facilities within production areas to eliminate water leakage. Domestic wastewater is treated by sewage treatment facilities to meet standards and then reused for site greening and irrigation, achieving water resource recycling. Additionally, we incorporate water-saving requirements into contractor agreements and conduct awareness campaigns and training for employees to promote water-saving knowledge and enhance overall water conservation awareness.

In the operation of photovoltaic projects, to improve the power generation efficiency of photovoltaic modules, we regularly clean the photovoltaic panels, prioritizing the use of rainwater for washing. We also introduce intelligent robots to achieve waterless cleaning technology, ensuring cleaning standards while effectively reducing water resource consumption.

10 Green Operation

During the Reporting Period, the water consumption in projects was as follows:

	2024	2023	Year-on-year
Total water used	6,356,279,431.18 m ³	6,296,438,986.82 m ³	Increased by 1.0%
Surface water (from rivers, lakes and seas) used	6,354,316,525.23 m ³	6,294,357,759.54 m ³	Increased by 1.0%
Municipal water (from tap water) used	1,951,278.05 m ³	2,067,235.60 m ³	Reduced by 5.6%
Groundwater (from wells and springs) used	11,627.90 m ³	13,991.68 m ³	Reduced by 16.9%
Water discharged back to the rivers, lakes, seas and lands after self-pretreatment and reaching standards	6,331,497,402.93 m ³	6,274,552,386.54 m ³	Increased by 0.9%
Total water consumed ⁵	24,782,028.25 m ³	21,886,600.28 m ³	Increased by 13.2%
Water consumed per MWh of electricity generated	1.29 m ³	1.15 m ³	Increased by 12.2%
Circulating water used	14,944,243.25 m ³	17,326,732.95 m ³	Reduced by 13.8%

Since 2013 and 2014, when the eastern and middle routes of the South-North Water Transfer Project started operation, water shortage in parts of northern and eastern China has been mitigated. During the Reporting Period, most of the water-intensive projects in the operation⁶ of the Group were located in regions near rivers, lakes and seas, including Jiangsu Province, Hubei Province of China and Jeollanam-do and Chungcheongnam-do of Korea, and therefore, the Group did not suffer from any issues in sourcing water that is fit for purpose.

⁵ The data excludes the water discharged back to the rivers, lakes, seas and lands after self-pretreatment and reaching standards and the circulating water used.

⁶ Includes coal-fired, cogeneration, gas-fired, and oil-fired projects in China and Korea.

10 Green Operation

Protection of Ecological Environment and Natural Resources

The Company focuses on new energy businesses such as wind power and photovoltaics. Although the impact on biodiversity and the ecological environment is relatively minor, we still value natural resources and are committed to maintaining biodiversity, protecting the ecological environment, and conserving natural resources during project development and operations, minimizing the potential impact of our business.

The Group has formulated the *Implementation Rules for Environmental Management* and the *Environmental Management System* to conduct environmental impact assessment (EIA). The Group engages a qualified third party in preparing EIA documents and water and soil conservation plans in strict accordance with the national and local *Classified Management Directory of Environmental Impact Assessment of Construction Projects* and the *Administrative Regulations on the Preparation and Approval of Water and Soil Conservation Plans for Development and Construction Projects* to ensure compliance with approvals and reduce environmental risks.

During the project construction, the Group strictly implements the “Three Simultaneities” system of environmental protection for the construction project, that is, the environmental facilities needed for the construction project must be designed, constructed and put into operation spontaneously with the main project. We also strengthen construction environmental protection in accordance with regulations. We adopt avoidance measures, such as steering clear of ecologically sensitive areas and avoiding construction during specific seasons, while optimizing design and technology to minimize the impact on the natural environment. Additionally, we strictly require construction units to allocate dedicated funds for environmental protection and soil and water conservation, ensuring that all measures are implemented promptly to effectively protect the local ecological environment.

After the main construction of the project is completed, the supporting environmental protection facilities will be put into trial operation simultaneously with the main project. During the trial production period, the Group monitors the operation of the environmental protection facilities and the project’s impact on the environment throughout the process, strictly conducting acceptance inspections of the environmental protection facilities in accordance with relevant regulations. Only after the supporting environmental protection facilities pass the acceptance inspection can the construction project be officially put into production or use. Additionally, the project construction must be designed and executed based on the soil and water conservation plan approved by the water administration authority. Upon project completion, the soil and water conservation facilities must pass acceptance inspection. Projects that fail to pass or have not undergone acceptance inspection will not be put into operation.

The Group places great emphasis on ecological restoration after project construction. Each project unit carries out restoration and management according to the EIA report and the soil and water conservation plan, and commissions independent third-party professional institutions to evaluate the restoration effectiveness, conducting a comprehensive analysis of the project’s environmental impact.

Additionally, the Group emphasizes forest protection and commits to avoiding forest deforestation as much as possible throughout the project management process. The 2024 environmental management plan requires firmly adhering to the “Ten Strict Prohibitions and Three Musts” legal and compliance bottom line, including “strictly prohibiting the commencement of construction for projects permanently occupying forests, grasslands, or wetlands without obtaining approval from relevant administrative authorities” and “strictly prohibiting production and construction activities in forested, grassland, or wetland areas for projects temporarily occupying forests, grasslands, or wetlands without obtaining approval from relevant administrative authorities”.

CASE STUDY

Wuhai Photovoltaic Pioneer Project Carried Out Ecological Restoration and Treatment of Mining Subsidence Mountain Areas

The Wuhai Photovoltaic Pioneer Project is located in the mining subsidence mountain area in Wuhai, where the ecological environment is relatively harsh. The project levels the support installation to enhance water retention in the mountain area, sets up fences to block the access of livestock, and sows grass seeds in the rainy season to restore the environment, which is recognized by the Wuhai Municipal Bureau of Natural Resources which has established a conservation zone for *tetraena mongolica* (a nationally Class II protected wild plant) on the access road, fully acknowledging the efforts in ecological restoration by the power station.



10 Green Operation

ADDRESSING CLIMATE CHANGE

To implement the national goals of achieving carbon peaking by 2030 and carbon neutrality by 2060, and to demonstrate the responsibility of a central enterprise, CGN New Energy remains steadfast in its strategic commitment to vigorously developing new energy. We seize opportunities in the wind and photovoltaic industries and actively participate in industry exchange conferences. Drawing on the framework and recommendations of International Financial Reporting Standards S2: Climate-related Disclosures, the Group discloses climate-related risks and opportunities, as well as their management and planning, across four core categories: "Governance", "Strategy", "Risk Management", and "Metrics and Targets".

Governance

The Company has established a Safety, Quality and Environmental Protection Management Committee, which serves as the leading body responsible for safety, quality, and environmental work. It oversees the Group's safety, quality, and environmental efforts, including the management of climate-related risks and opportunities, and is responsible for formulating medium and long-term development plans in these areas. The Safety Committee is composed of the members of the General Manager Department, the heads of each department/business center, the heads of each branch or subsidiary/leaders in charge of safety, directors of safety, quality and environmental protection departments, and directors of safety, quality, environmental protection management offices of the engineering management center/production technology center, the heads of the Safety, Quality and Environmental Department from each unit and the staff representatives. The Safety Committee holds quarterly meetings and regularly reports to the Board.

At the same time, we conduct supervision and inspection of environmental management practices while also evaluating the performance of business departments, branches and subsidiaries in this regard. We have incorporated safety, quality and environmental management indicators into all senior management's performance contracts for assessment purposes, accounting for minimum 10% weightage. It is required that the number of administrative penalties related to safety, quality and environmental be zero, thereby establishing a connection between environmental performance and senior management's compensation.

Strategy and Risk Management

CGN New Energy incorporates climate-related issues into its operational risk assessment and management and has established a comprehensive management process to proactively identify, assess, and manage them. Furthermore, by incorporating various climate scenarios, the Company enhances its ability to identify and analyze the potential impacts of these risks and opportunities on the Group's operations. This enables more effective climate change adaptation and safeguards the Group's sustainable development in a holistic manner.

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Climate Risk and Opportunity Management Process

Identification of Climate Risks and Opportunities

The Company has identified a series of climate-related risks and opportunities that could significantly impact its business, based on its business operations, value chain, and operational characteristics, and peer benchmarking and internal communication.

Assessment of Climate Risks and Opportunities

With the support of professional institutions, the Company invited relevant departments responsible for or affected by climate risks and opportunities to evaluate these risks and opportunities from two dimensions of "the impact of the risk/opportunity" and "the likelihood of the risk/opportunity occurring." This evaluation helps to determine the prioritization and level of impact of climate risks and opportunities.

Management of Climate Risks and Opportunities

Based on the assessment results, the Company reviews existing management measures for climate risks and opportunities, then develops and implements targeted actions to address them.

Climate Scenario Analysis

Boundary of analysis

Assets under CGN New Energy's operation

Scenario Assumptions

It is assumed that the locations of assets will remain unchanged over time.

Timeframe

Based on China's "Dual Carbon" goals, the Science-Based Targets initiative (SBTi) timeline, and the Group's business context, the scenario analysis timeframe is defined as short-term (present to 2030), medium-term (2031 to 2040), and long-term (2041 to 2060).

Scenario Selection

We adopted the Shared Socioeconomic Pathways (SSP) from the Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), specifically the SSP1-2.6 and SSP3-7.0 scenarios, to analyze potential physical risks. For transition risks, we used the Net Zero 2050 scenario and Current Policies scenario from the Network for Greening the Financial System (NGFS) framework developed by central banks and supervisors.

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Climate Scenario	Low Emission Scenario	High Emission Scenario
Reference Scenarios for Physical Risks	<p>SSP1-2.6 Scenario: The SSP1-2.6 scenario represents an optimistic sustainable development pathway under the SSP framework, aiming to limit global warming to below 2°C by the end of the century. Classified as a “Sustainability” pathway in socioeconomic terms, it emphasizes the harmonious development of economic growth and social welfare while implementing aggressive emission reduction measures. Key interventions include widespread adoption of low-carbon technologies, significant improvements in energy efficiency, accelerated deployment of clean energy solutions, and implementation of sustainable land-use policies.</p>	<p>SSP3-7.0 Scenario: The SSP3-7.0 scenario, a more pessimistic pathway under the SSP framework, represents a future of high carbon emissions and unsustainable development, with global average temperature increases projected to be limited to within 4°C by the end of the century. This scenario is characterized by high population growth, low economic growth, a lack of international cooperation, slow technological progress, and the continued development of carbon-intensive industries. Under this scenario, global carbon emissions continue to rise, energy systems remain heavily reliant on fossil fuels, energy efficiency improvements are limited, and clean energy development progresses slowly. Additionally, socioeconomic development is uneven, income inequality worsens, and environmental issues and social instability become more pronounced.</p>
Reference Scenarios for Transition Risks	<p>NGFS Net Zero 2050 Scenario: This scenario envisions limiting global temperature rise to below 1.5°C through stringent climate policies and technological innovation, achieving net-zero CO₂ emissions by approximately 2050. Under this pathway, renewable energy and biomass would supply nearly 80% of global primary energy demand by 2050, while fossil fuels' share in the energy production mix would need to be drastically reduced to around 20%.</p>	<p>NGFS Current Policies Scenario: This scenario assumes no additional climate actions beyond currently implemented policies, projecting global warming of approximately 3°C by the end of the century. Under this pathway, fossil fuels would still account for roughly 67% of total primary energy supply by 2050.</p>

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Climate Risk and Opportunity Assessment Results

The table below provides a detailed overview of the identified types of climate risks/opportunities, including their descriptions and potential impacts, timeframes, levels of impact, and the mitigation measures implemented by the Group.

Types of risks/ opportunities		Description and potential impacts of risks/opportunities	Timeframe	Level of impact	Mitigation measures
Physical Risks					
Acute Physical Risks	Extreme Wind and Storms	Extreme wind and storm events, particularly typhoons, may cause damage to power generation units (e.g., wind turbines), critical operational infrastructure, and transmission/distribution lines and systems. Such impacts could reduce power generation output and efficiency, potentially leading to significant operational disruptions that result in asset impairment, increased maintenance costs, and reduced revenue.	Short-term Medium-term Long-term	Medium	<ul style="list-style-type: none"> Formulated the <i>Emergency Plan Drill</i> to effectively control safety risks; Held different emergency drills regularly to familiarize employees with the emergency plan; Prepared production contingency plans for relevant emergencies, such as material reserves, personnel emergency plans, and activation of emergency production processes, etc.
	Flooding	<p>Acute flooding may result in the following impacts:</p> <ul style="list-style-type: none"> Equipment Damage: Floodwaters can submerge solar photovoltaic plants, wind farms, and other facilities, accelerating equipment degradation, reducing equipment lifespan, and increasing maintenance and replacement costs. Elevated Worker Safety Risks: During flood events, on-site workers face higher safety risks, resulting in increased employee insurance costs. Power Supply Disruptions: Flooding may damage transmission and distribution lines and related infrastructure, causing power supply interruptions, affecting regional power stability, and subsequently reducing the Company's revenues. 	Short-term Medium-term Long-term	Medium	<ul style="list-style-type: none"> The natural disaster risk warnings issued by the government department were communicated to the Company promptly, and we took swift and decisive measures, such as cutting off water and power supplies, in response to the actual situation.

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Types of risks/ opportunities		Description and potential impacts of risks/opportunities	Timeframe	Level of impact	Mitigation measures
Chronic Physical Risks	Rising Average Temperatures and Persistent Heatwaves	<p>Persistent high temperatures may lead to the following impacts:</p> <ul style="list-style-type: none"> Increased Operational Stress on Equipment: Equipment at wind farms and photovoltaic power stations operating in high-temperature environments may face higher risks of malfunction, reduced lifespan, and increased maintenance and replacement costs, leading to asset depreciation. Heightened Electricity Demand: Prolonged high temperatures are usually accompanied by a surge in electricity demand, which may cause grid loads to exceed design capacity, increasing pressure on power supply and operational costs. Reduced Workforce Productivity: Prolonged high temperatures may lead to worker fatigue, dehydration, and heatstroke, reducing productivity. This also increases health and safety risks for employees, leading to higher insurance costs and expenses for heatwave allowances. 	Medium-term Long-term	Low	<ul style="list-style-type: none"> During critical power supply periods, CGN New Energy comprehensively strengthened daily inspections, security checks, situational awareness, monitoring and early warning, emergency drills, and system reinforcement for its information systems; In daily operations, the Company ensured stable equipment performance and reliable power supply by continuously monitoring operational status and promptly addressing identified issues through close-loop rectification; Formulated tailor-made health enhancement programs for engineering and production line staff, promoted the establishment of health huts in each unit, and equipped them with basic health protection medicines and first aid equipment, so as to comprehensively enhance the health level of employees.
	Changes in Rainfall Patterns	Increased rainfall intensity and frequency may lead to more frequent flooding disasters, threatening the safe operation of power facilities and increasing maintenance costs.	Medium-term Long-term	Low	<ul style="list-style-type: none"> Established the <i>Regulations on Energy Conservation and Ecological Environment Protection</i>, and took several energy-saving and water-saving measures; Formulated emergency plans for flood prevention, and prepared flood control materials in advance, dredged sewer pipes, added waterproof sandbags, etc.
	Rising Sea Levels	Rising sea levels may expose coastal power generation facilities to heightened risks of flooding and storm surges, compromising operational safety. Concurrently, marine environment changes could undermine the structural stability of offshore wind projects. These impacts would necessitate increased operational expenditure to maintain normal facility performance.	Long-term	Low	

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Types of risks/ opportunities		Description and potential impacts of risks/opportunities	Timeframe	Level of impact	Mitigation measures
Transition Risks					
Policy and Legal Risks	Carbon Pricing	Global GHG emission policies and regulatory measures are constantly evolving. If governments implement multiple levies, such as carbon taxes, carbon emission allowances, and fuel taxes, carbon pricing mechanisms may impact traditional fossil fuel-based power generation assets and operations (e.g., coal-fired power and cogen). This could lead to increased raw material costs, subsequently driving up operational costs.	Medium-term	Medium	<ul style="list-style-type: none"> Carried out many key energy-saving technological transformation projects and continued to increase the proportion of investment in clean and renewable energy projects. The relevant practices improved the overall energy efficiency and reduced GHG emissions; Formulated the <i>Green Electricity and GEC Trading Management Rules for New Energy Holding Company</i> to ensure smooth implementation of green electricity and GEC trading. We are comprehensively advancing the full coverage of GECs, completing the documentation and registration of centralized renewable energy power generation projects, and gradually achieving GEC and green electricity replacement for office electricity and purchased electricity at stations; Developed the <i>Carbon Asset Management Regulations for New Energy Holding Companies</i> to promote emissions reduction trading and ensure smooth carbon trading; Branches and subsidiaries of the Company also conducted afforestation or carbon sink initiatives tailored to local conditions to further reduce GHG emissions.
	Stricter Policy Regulation on Existing Products and Services	Policy changes may result in the impairment and early retirement of existing assets (e.g., coal-fired power and oil-fired power). To comply with regulatory requirements, existing operations will need to shift further toward low-carbon industries, leading to increased operational costs for the Company.	Medium-term Long-term	High	<ul style="list-style-type: none"> Strengthened energy management for cogeneration projects by purchasing high-quality coal, optimizing equipment operations, and upgrading the monitoring system of the No. 2 chimney at the Nantong project to reduce energy consumption, ensuring comprehensive climate risk management
	Legal Litigation Risks	Under stricter environmental laws and regulations, if the Company fails to meet the relevant requirements, it may face litigation risks. Penalties and judgments resulting from lawsuits could lead to business losses, damage to brand and reputation, and other negative impacts, which may ultimately result in reduced revenue.	Short-term Medium-term	Low	<ul style="list-style-type: none"> Continuously tracked updates to laws and regulations in the countries or regions where operations are located, conducted analysis and interpretation, and adopted feasible policies to comply with regulatory requirements.

10 Green Operation

Types of risks/ opportunities		Description and potential impacts of risks/opportunities	Timeframe	Level of impact	Mitigation measures
Market Risks	Stricter GHG Emission Disclosure Requirements	The governments of Mainland China and Hong Kong are actively implementing measures to achieve carbon neutrality and have introduced stricter GHG disclosure requirements. These stricter requirements may result in higher compliance risks and costs. If the Company fails to accurately and comprehensively disclose climate-related information, it may face regulatory penalties or reputational damage.	Short-term Medium-term	High	<ul style="list-style-type: none"> Developed and enhanced systems for collecting, calculating, and disclosing GHG data to standardize internal management; Strictly followed Listing Rules by regularly disclosing GHG information.
	Changes in Customer Behaviors	Under the global trend toward low-carbon development, customers are increasingly favoring greener and low-carbon products, leading to reduced demand for traditional fossil fuel-based power generation. This may negatively impact traditional fossil energy generation businesses and revenues. At the same time, the renewable/clean energy generation sector faces intensified market competition, which could further reduce the Company's income.	Medium-term Long-term	High	<ul style="list-style-type: none"> Paid attention on and responded to the market electricity system reform and regional policy changes, strengthened the study on electricity sales strategy, and carried out power transactions on the basis of efficiency; Conducted various electricity trading in an overall way, and firmly maintained the strategies of propelling the new energy business with the hope to secure any opportunities in the wind power, photovoltaic power, and energy storage industry; and participated in industry exchanges and continued to promote the development of clean and renewable energy with our technical build-ups and operation experience.
	Increased Stakeholder Concern Over Negative Feedback	As society becomes increasingly concerned about climate change related issues, the Company may face heightened negative feedback if its low-carbon initiatives such as set low-carbon or emission reduction targets, or its public image fail to meet expectations. Additionally, failure to disclose environmental information as required or to meet stakeholder expectations could harm the Company's reputation and image, potentially resulting in customer loss and reduced revenue.	Short-term Medium-term	Medium	<ul style="list-style-type: none"> Regularly published ESG reports to disclose climate-related information, showcasing the Company's proactive actions in addressing climate change to meet stakeholder expectations. Strengthened communication and interaction with stakeholders to ensure they are well-informed about the Group's actions on climate change.

10 Green Operation

Types of risks/ opportunities		Description and potential impacts of risks/opportunities	Timeframe	Level of impact	Mitigation measures
Opportunities					
Climate Opportunities	Resource Efficiency	By implementing resource-saving measures (e.g., energy and water conservation), companies can improve resource utilization efficiency, reduce energy and water consumption, and subsequently lower operational costs.	Short-term Medium-term Long-term	Low	<ul style="list-style-type: none"> Actively promoted a three-year energy-saving renovation plan, focusing on upgrading energy-efficient products for facilities such as lighting, air conditioning, and cooking equipment in operational stations to comprehensively improve energy use efficiency and effectively reduce power plant consumption.
	Products and Services	By continuously developing and innovating products, technologies, and services related to renewable energy, the Company can enhance the capacity, efficiency, and quality of renewable energy projects. This reduces the cost per kilowatt-hour, attracts more investors and customers, and ultimately increases revenue.	Medium-term Long-term	High	<ul style="list-style-type: none"> In 2024, the Company completed approximately 1 billion kWh of green electricity transactions and sold 1.35 million GECs.
	Market	With the global push toward emission reduction targets and carbon neutrality commitments, renewable energy is becoming the primary direction for energy development. The demand for renewable energy generation is increasing, and governments are enhancing policy subsidies for renewable energy projects. By expanding renewable energy generation businesses, companies can improve their market competitiveness and subsequently increase revenue.	Short-term Medium-term Long-term	Medium	<ul style="list-style-type: none"> Continued to advance the development, construction, and operation of renewable energy projects such as wind power, photovoltaic, and energy storage, while strategically deploying high-quality projects to enhance local renewable energy consumption capacity; Deeply explored the green electricity demand of key high-energy-consuming industries, and plan renewable energy green power substitution and direct green power supply projects; Actively increased the investment proportion in clean and renewable energy projects, continuously expanding the share of clean and renewable energy projects in the Group's attributable installed capacity.

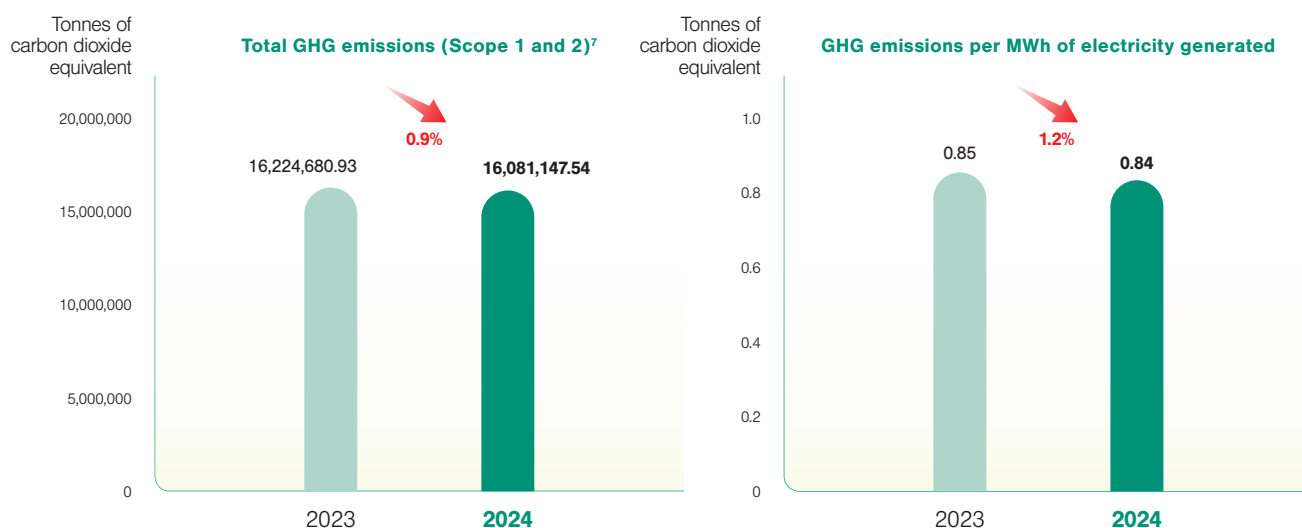
10 Green Operation

Metrics and Targets

During the Reporting Period, the Group's power generation reached 19,149.7 GWh, with a year-on-year increase of 829.6 MW in attributable installed capacity. The Group sets climate-related performance targets every year and monitors 100% of energy conservation and emission reduction indicators (which are focused on by SASAC). The Group organizes and carries out special inspections on environmental protection according to the indicators, and collects energy-saving data every month required by the SASAC.

Based on the nature of the Group's business, during the Reporting Period, the Group's major GHG emissions mainly came from fuel combustion and the use of purchased electricity in the operation of some projects. This Report, therefore, focuses on the disclosure of the Group's Scope 1 (direct emissions) and Scope 2 (indirect emissions from energy use) GHG emissions for the Reporting Period.

During the Reporting Period, the Group's GHG emissions:



To further strengthen emissions data management, we actively carry out Scope 3 identification and management in accordance with the *Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard*. Through close cross-departmental collaboration, we have clearly identified Scope 3 categories relevant to the Company's business, including purchased goods and services, capital goods, fuel and energy-related activities, upstream transportation and distribution, waste generated in operations, business travel, and employee commuting. We plan to establish a comprehensive Scope 3 data collection system in the next phase. This system will enable us to more accurately track, report, and ultimately reduce these emissions, supporting our long-term sustainable development strategy.

⁷ including Scope 1 (direct emissions) and Scope 2 (indirect emissions from energy use) GHG emissions.

Caring for Employees

CGN New Energy understands that talent is the key to sustainable development. The Company actively implements the strategy of “Talents Empowering Enterprise”, adhering to our talent management philosophy of selecting the right people, nurturing their growth, deploying strengths strategically, motivating through recognition, and caring holistically, and making every effort to create value, scientifically evaluate it, and reasonably distribute it. We are committed to attracting and retaining talented people, enhancing the vocational skills of our employees through systematic training and development programs, while prioritizing staff well-being. By fostering teamwork and communication, we aim to cultivate a vibrant, accountable, and inclusive work environment.



UNSDGs:



11 Caring for Employees

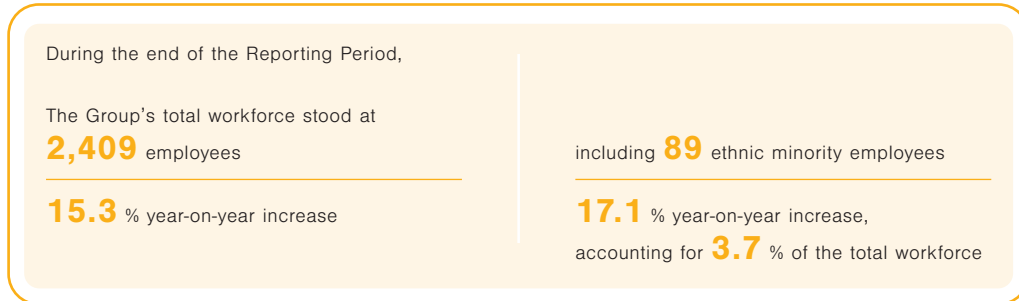
EMPLOYEE MANAGEMENT

CGN New Energy strictly complies with the laws and regulations on compensation and dismissal, recruitment and promotion, working hours, holidays and leaves, equal opportunity, diversity, anti-discrimination and other benefits, as well as laws and regulations related to the prevention of child labor and forced labor in the regions where we operate, including Mainland China, Hong Kong and Korea. The laws and regulations that we have complied with during the Reporting Period, as well as how we comply with them are listed in "Appendix I" to the Report. The Group has formulated the *Employee Handbook* and strictly abided by the internal management policies on compensation and dismissal, recruitment and promotion, working hours, holidays and leaves, equal opportunity, diversity, anti-discrimination and other benefits, and those related to the prevention of child labor and forced labor.

Recruitment Management

CGN New Energy strictly adheres to its internal *Recruitment and Allocation Management System*, with all employee recruitment conducted through centrally organized interviews and assessments, ensuring fair, equitable, and transparent selection based on merit. We uphold a talent management philosophy rooted in diversity and inclusion, committing to equal treatment of all candidates and employees across recruitment, hiring, training, rewards, promotions, and career development – regardless of gender, skin color, nationality, ethnicity, cultural background, religion, family status, or sexual orientation. We firmly oppose any form of discrimination or unfair treatment, fostering a respectful and inclusive workplace to advance corporate sustainability. We have zero tolerance for any form of harassment and firmly oppose any sexual harassment or other forms of harassment.

We employ diversified recruitment channels, including online platforms, internal referrals, talent fairs, and campus events, to attract top talent. The Group continuously refines its human resources systems to attract and retain skilled professionals, particularly core management personnel.



We uphold lawful and compliant employment practices, rigorously verifying candidates' identification documents, academic credentials, and other materials to ensure adherence to national regulations and internal standards. Minors under 16 and individuals legally barred from employment are excluded. The Group strictly prohibits child labor and forced labor, and strictly reviews the basic information of the employees onboard to ensure authenticity, legality, and validity. Labor contracts are signed with every employee to establish stable employment relationships. Violations trigger immediate corrective actions, accountability, and preventive measures.

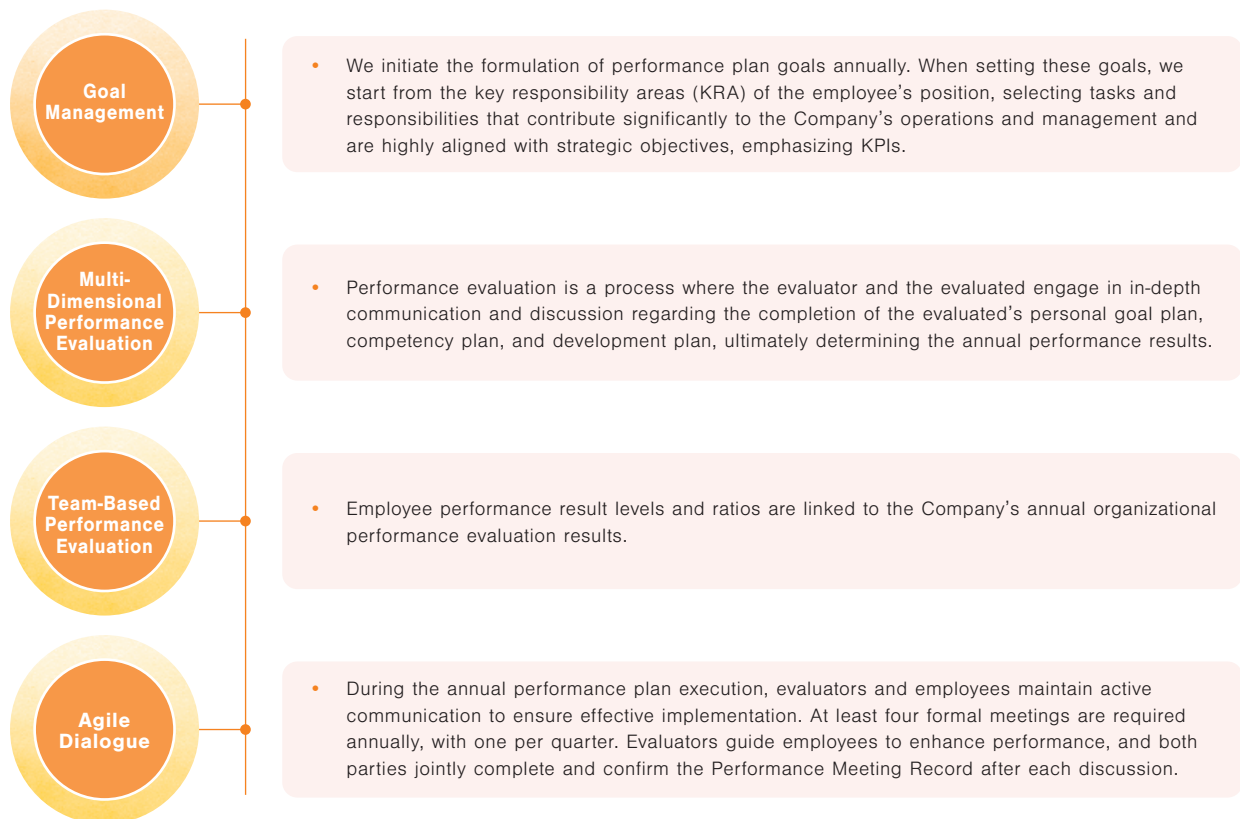
During the probation period, the employee may propose to terminate the labor contract, but a written report should be filed at least three days beforehand. The Group may unilaterally terminate the labor contract if any employee is found non-compliance with the employment conditions, violation of laws and regulations, violation of the Company's rules and regulations and violation of labor discipline during the probation period.

11 Caring for Employees

Promotion and Performance

The Group has formulated and strictly enforces the *Employee Performance Management Rules*, conducting annual performance evaluations for all employees. Based on factors such as work ability and performance, we arrange reasonable salary adjustments and promotions. For employees with consistently poor performance, the Group will implement demotions or role adjustments in accordance with regulations. If performance fails to improve, the Group will negotiate the termination of the labor contract with the employee and provide reasonable compensation as required by law. The Group uniformly implements the salary management system, and all employees are entitled to performance bonuses.

Our performance management framework covers goal setting, execution, evaluation, appeals, and outcome application, all managed via the corporate intranet. To enhance transparency, we maintain robust performance review mechanisms, grievance channels, and feedback loops to facilitate open communication between employees and the organization.



11 Caring for Employees

The Group ensures equitable treatment and career progression through systematic training, succession planning, resource allocation, and oversight. Performance dialogues, employee representative reviews of benefit-related policies, and transparent promotion criteria ensure staff understand their development pathways and compensation standards, fostering mutual growth with the organization.

The Group has perfected the employee promotion mechanism by implementing labor contract management, annual salary adjustment mechanisms, and a selection and appointment system, and by establishing a normalized job system management mechanism, gradually developing professional development channels in management, scientific research, technology, and skills. We focus on the organic integration of career paths, job sequences, and continuity mechanisms, optimizing the coordination of job responsibilities, qualifications, and competency models, and systematically constructing a comprehensive employee career development system to provide employees with clear paths for promotion and growth.

To optimize talent management, we launched a comprehensive human resources system reform, prioritizing leadership development and addressing employee motivation. The Human Resource Department is responsible for supervising the operation of these mechanisms throughout and regularly collects employee feedback through unions and staff representative assemblies to ensure the scientific and transparent operation of these mechanisms.

In the future, the Group will continue to advance the construction of talent ladders in various professional fields, improve career development paths, cultivate business-savvy, technically skilled, and highly capable reserve talents, and realize the full potential of each employee. Simultaneously, we will endeavor to create a supportive environment for high-level talents to innovate and start businesses, improve infrastructure for talents to engage in entrepreneurial activities, and foster a corporate culture that respects knowledge, talent, and creativity. We will break down all barriers that are not conducive to innovation and the development of individual capabilities, encourage outstanding talents to aim higher, stimulate innovation among all staff, and inject a strong impetus for the sustainable development of the enterprise.

Welfare and Remuneration

Adhering to a people-oriented approach, the Company has established a comprehensive employee welfare system and regularly optimizes welfare mechanisms. The Group provides employees with a wide range of benefits, including enterprise annuities, supplementary medical insurance, annual health check-ups, communication allowances, transportation subsidies, and academic qualification improvement awards. In accordance with policies such as the *Detailed Rules for Employee Welfare Expense Management* and the *Regulations on On-site Operation Allowances*, we ensure non-wage welfare protection for all employees (including non-permanent and temporary staff).

Based on practical circumstances and relevant regulations, we provide employees with flexible work and welfare arrangements. Without disrupting work operations, the Company permits a flexible adjustment of up to 30 minutes to standard working hours for arrival and departure. Simultaneously, we actively support female employees by fostering a more employee-centric work environment. Under the *Working Hours, Leave, and Attendance Management Regulations* in mainland China, female employees are entitled to 178 days of maternity leave, while male employees receive 15 days of paternity leave during their spouse's maternity period. Post-maternity leave, employees facing practical challenges may apply for up to 30 days of breastfeeding leave; female employees returning to work are granted 1 hour of breastfeeding time daily, extended by 1 additional hour per child for multiples. Additionally, employees in Beijing enjoy 5 days of annual childcare leave until their child reaches three years old, while those in Shenzhen are entitled to 10 days. These policies reflect the Company's commitments to employee well-being, enabling staff to achieve a better work-life balance.

In Hong Kong, the Group participates in a mandatory provident fund scheme established under the Mandatory Provident Fund Schemes Ordinance (Cap. 485 of the Laws of Hong Kong). Employees contribute 5.0% of their relevant income to the mandatory provident fund scheme subject to a cap of monthly relevant income of HK\$30,000, and the Group contributes 10.0% of each employee's monthly base salary. Meanwhile, we provide a comprehensive benefits package to all full-time employees upon completion of probation. This includes medical and hospitalization insurance (covering the employees, their spouses, and dependent children), life, long term disability and accidental death & disablement benefit, and maternity benefits. Additionally, our Recreational Committee demonstrates care and support for employees' professional and personal lives by providing festival treats, birthday cake vouchers, new born baby gift voucher and special event allowances etc..

In Korea, we adhere to local legal requirements by providing employees with statutory benefits including the national pension, national health insurance, unemployment insurance and industrial accident compensation insurance. Additionally, aligned with local cultural and corporate practices, we offer supplemental benefits such as marriage & funeral allowances and festival gift vouchers, and other welfare initiatives.

11 Caring for Employees

CGN New Energy provides permanent employees with:



Competitive salaries and humanized welfare packages



Clear job descriptions aligned with positions/ranks



Compliance with national/local working hour regulations



Annual leave, sick leave, marriage leave, maternity leave and paternity leave



Regular performance reviews with salary adjustments/promotions



Timely contributions to Insurances and Housing Fund, MPF and National Pension in accordance with relevant laws and regulations of Mainland China, Hong Kong and Korea respectively

The Group also attaches great importance to effective two-way communication, and has therefore established a feedback mechanism, including disciplinary inspection, inspection, functional supervision, proposals from staff councils, proposals from trade union representatives, etc., which are implemented in accordance with the confidentiality requirements of the respective areas, and through which staff can provide feedback on matters relating to human resources.

Additionally, the Group has expanded into post-retirement management to assist employees in their smooth transition to retirement life. For employees suffering from serious or long-term illnesses, the Group will implement internal retirement policies in accordance with relevant laws and regulations and the actual situation. The Group also organizes regular retirement care work, such as special seminars on supplementary medical insurance policy, seasonal greetings during seven traditional Chinese festivals annually and health check-ups.

In order to safeguard the employees' right to exercise democratic management in accordance with the law, the Group has formulated and published the *Democratic Management System* and strictly fulfilled the organizational procedures and duties of the staff councils. Throughout the year, the trade unions held numerous staff councils and members' congresses, deliberated and resolved staff proposals, ensuring that 100% of important issues were discussed at the meetings and 100% of the proposals were responded to. Additionally, trade unions at all levels conducted in-depth investigations at the grassroots level, resolved issues arising from staff feedback, and set up cultural and sports associations and interest groups, organizing diverse cultural and sports activities, thereby enhancing the sense of belonging and well-being of the staff.

11 Caring for Employees

OCCUPATIONAL HEALTH AND SAFETY

CGN New Energy has established a robust occupational health and safety management mechanism. By strengthening operational risk management and providing employees with appropriate safety training, we are committed to continuously improving the performance of our OHS management system.

CGN New Energy strictly complies with laws and regulations in all operational regions (including Mainland China, Hong Kong, and Korea) concerning the provision of safe working environments and the protection of employees from occupational hazards. The relevant laws and regulations adhered to during the Reporting Period, along with the Group's compliance status, are detailed in Appendix I to this Report. The Group has formulated and rigorously enforces internal policies to protect employees from occupational injuries.

Operational Risk Management

Electricity production and sales constitute the core business of CGN New Energy. We generate power through diverse methods, including solar, wind, and gas-fired, each involving distinct processes and technical operations. For the operational safety of each project, we prioritize performance evaluations as a key acceptance criterion and adhere to the fundamental principle of "safety first", strictly implementing OHS policies to ensure employees work in secure environments. During the Reporting Period, the Group recorded zero work-related fatalities or injuries, with safety management standards steadily improving.

The executive management is the highest decision-making body responsible for the endorsement of implementing the occupational health and safety policies. To further consolidate occupational health and safety achievements, we established the Safety Committee, as well as Safety Production, Labor Protection Committee and the Safety, Quality and Environmental Department in accordance with the *Democratic Management System*, to coordinate and oversee all OHS-related matters Group-wide. The Safety Committee convenes quarterly meetings, while the Safety Production, Labor Protection Committee meets biannually, with all workers having been represented. Additionally, we developed a series of OHS management systems, including the *Occupational Health and Safety Management Rules* and the *Potential Safety Risks Investigations and Treatment System*, to help employees identify workplace risks and hazards while providing clear operational guidelines for safe process execution. The *Occupational Health and Safety Management Rules* applies to all Group operations/employees and contractors or individuals under the Group's supervision.

We actively engage employees in the development, implementation, and evaluation of the OHS system. Annual OHS system reviews are conducted to drive corrective improvements. Departmental internal audit liaisons regularly perform comprehensive reviews of the OHS management system through triple-standard internal audits, promptly identifying and resolving issues. With the support of the Safety Production, Labor Protection Committee, we monitor the implementation of safety recommendations raised by employee representatives and review related matters. Frontline staff and departments may report safety risks through multiple channels, including employee representative congresses, system audits, on-site safety inspections, and thematic meetings – ensuring whole-staff participation and closed-loop management in safety governance. To facilitate timely hazard reporting, we established a safety, quality and environmental mailbox on the intranet homepage, alongside publicly listed hotlines and email addresses. The Safety, Quality and Environmental Department designates dedicated personnel to handle reports, requiring branches, subsidiaries and relevant departments to display hotline information prominently at construction sites, access gates, staff passages, and rest areas, and to promote reporting mechanisms during new employee and contractor training. An anonymous reporting mechanism is also implemented, with the *Regulations on the Administration of Rewards and Punishments for Safety, Quality and Environment* mandating confidentiality of whistleblower identities to prevent retaliation. Breaches of confidentiality leading to information leaks will be severely addressed based on severity.

During the Reporting Period, occupational health and safety management in each of the program areas:

Project area	OHS Management System Development	OHS System Certification	Incidents occurred during the Reporting Period
China	Established	ISO 45001 Certification	0
Korea	Established	ISO 45001 Certification KOSHA 18001 Certification	0

11 Caring for Employees

We have always adhered to the principle of “Prevention is Better Than Cure” in occupational health and safety management, and have defined the duties of the Safety, Quality and Environmental Department through the *Department Setting and Main Responsibilities Management System* to implement the Group’s safety, quality and environmental management requirements. In accordance with the *Safety Production Risk Control Regulations*, each project company and department is required to identify sources of production and management hazards annually, formulate and implement corresponding safety risk management measures, and ensure that safety requirements are put in place prior to the commencement of formal construction work. Meanwhile, through regular safety inspections, we conduct comprehensive monitoring of management measures to ensure that safety measures are implemented effectively.

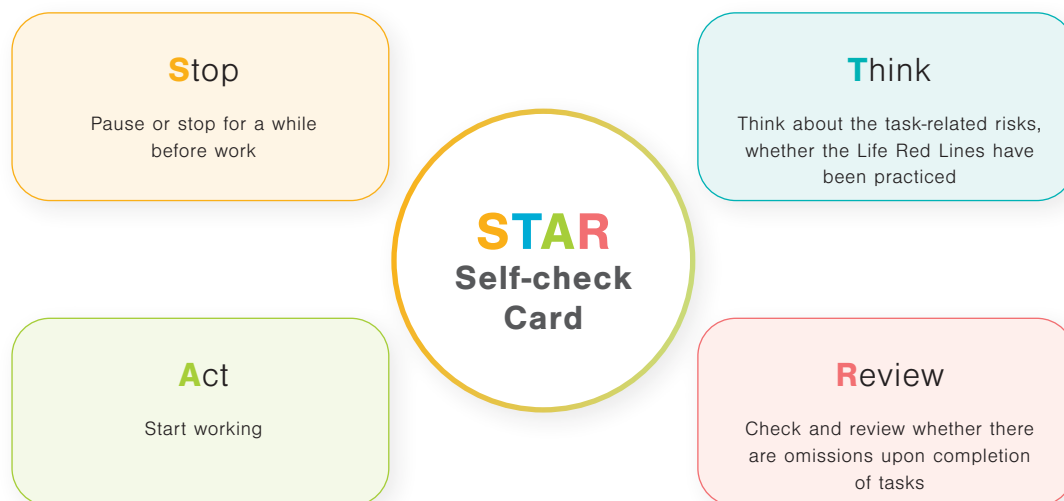
In addition, the *Occupational Health and Safety Management Rules* stipulates that employees have the right to reject unauthorized instructions and risky operations. Trade unions at all levels safeguard the legitimate rights and interests of employees in production safety in accordance with the law, as well as democratically supervise the safety work and put forward rationalization proposals. In the event of an accident, the Group will set up an investigation team to uphold the principles of zero defect, process approach, continuous improvement and accountability compaction, to analyze in depth the management problems, root causes and attribution of responsibilities of the accident, and to formulate remedial measures and preventive actions so as to prevent the recurrence of similar accidents.

CGN New Energy is committed to integrating occupational health with daily health management, realizing resource sharing and management synergy, and ensuring that employees enjoy efficient and consistent health service experience. Adhering to the principle of “Overall Planning and Standard, Hierarchical Management and Early Prevention”, we have established a comprehensive health intervention mechanism based on health check-ups and disease prevention, optimized medical support for serious illnesses, and provided online medical guidance for employees in remote areas. Additionally, we have formulated tailor-made health enhancement programs for engineering and production line staff, promoted the establishment of health huts in each unit, and equipped them with basic health protection medicines and first aid equipment, so as to comprehensively enhance the health level of employees and provide solid protection for the stable development of the enterprise.

The Group strictly follows the relevant national standards for the power industry in providing personal protective equipment to its employees. Safety tools, such as safety helmets, safety gloves, safety belts for work-at-height and labor shoes, are issued according to the needs of the workplace to prevent falls from height, electric shocks, injuries caused by falling objects or hazards posed by toxic substances. Safety officers in each department are responsible for supervising the correct use of protective equipment to ensure operational safety. At the same time, we are also equipped with safety monitoring equipment, fire-fighting equipment and emergency rescue equipment, etc., to maximize employee safety and reduce risks at work.

CGN New Energy has formulated and implemented internal policies such as the *Management Red Lines of Safety, Quality and Environment* and the *STAR Self-check Card* for all employees of various projects to learn, further consolidating the achievements of occupational health and safety management in the operation of various projects, and ensuring that there are zero accidents involving work-related injuries and deaths.

The *STAR Self-check Card* is the primary human failure prevention tool prior to performing major operational activities:



11 Caring for Employees

During the Reporting Period, we set targets for occupational health and safety management, including



During the Reporting Period, we have accomplished the occupational health and safety management targets at our major operating sites. We also set annual safety management performance targets of zero serious injuries, zero significant equipment damage incidents and zero environmental penalties to safeguard the lives, health and safety of our employees. We monitored the fulfilment of our annual targets through the following measures:



- ▶ Monthly risk communication meetings are organized with branches and subsidiaries, resulting in a list of control actions to be taken.
- ▶ Covering all branches and subsidiaries to start the safety production inspection work around the safety, quality, ecological and environmental protection and other safety and quality environment.
- ▶ To carry out inspections of all staff members at different tiers and grades, and to enforce the system of responsibility for production safety.
- ▶ To organize the construction of quality management system for each department, centre, branches and subsidiaries.

11 Caring for Employees

Health and Safety Training

While continuously refining its risk management systems, CGN New Energy is committed to enhancing the safety awareness and emergency response capabilities of all employees. Through a variety of training activities, we help staff familiarize themselves with standardized work processes and to respond swiftly and accurately to emergencies. Beyond the three-level safety training for new employees, we also organize targeted occupational health and safety training for current employees. This includes practical assessments on-site, learning from past accidents, technical Q&As, and scenario-based drills and safety activities. Additionally, relevant employees are required to regularly complete safety production knowledge tests to ensure their awareness and skills meet the high standards set by our Group, further solidifying the foundation of our safety management.

Types of Safety Training

New Employee Training	Regular Training	Specialized Training	Emergency Drill
<ul style="list-style-type: none"> Conduct three levels of safety training (company level, departmental level, and shift level) for new employees to ensure that they are equipped with the safety knowledge and skills required for their positions. All newly recruited production personnel are required to pass the test before they are allowed to work on the production and construction sites. 	<ul style="list-style-type: none"> Regularly organize training for staff on safety knowledge, first aid skills, emergency evacuation, etc. to enhance their safety awareness and response capability. 	<ul style="list-style-type: none"> Specialized safety training was conducted for specific positions or high-risk operations. During the Reporting Period, the rate of specialized operators holding certificates reached 100%, and the safety awareness of staff was significantly improved. 	<ul style="list-style-type: none"> Regularly organize emergency preparedness drills to improve staff's ability to respond to emergencies.

To enhance our staff's ability to respond to emergencies, the Group organizes annual staff training on fire fighting knowledge. All staff participating in the training are required to achieve the "Four Knowledges and Four Abilities", which include the knowledge of the dangers of fire and the ability to report to the police; the knowledge of fire prevention and the ability to use fire-fighting equipment; the knowledge of fire-fighting methods and the ability to handle incidents; and the knowledge of escape methods and the ability to escape. Each year, we conduct a safety production month campaign, during which all our project companies host various safety-related activities. These activities include safety lectures, specialized training sessions, focused inspections, and hazard remediation among other safety month events. These efforts further reinforce the safety responsibilities of personnel at all levels, enhance the safety awareness of all employees, standardize the operational behaviors of on-site staff, and foster a positive safety culture.

11 Caring for Employees

CASE STUDY

Safety Production Month Activities

During the Reporting Period, CGN New Energy closely aligned its activities with the theme “Everyone speaks safety, everyone will respond to emergencies – Ensuring Unobstructed Lifelines”, meticulously organizing over 80 diverse and effective safety activities across different stages at various units. These activities brought forth a number of excellent teams and best practice examples, which garnered extensive attention and coverage from major domestic media and received unanimous praise from local governments, further enhancing the Company’s brand reputation and impact in safety production. Leveraging the safety production month as an opportunity, we focused on work details, continuously deepened the construction of safety management systems, and comprehensively enhanced safety governance capabilities, supporting the high-quality development of the enterprise with high-standard safety measures.



CASE STUDY

Launch of Fire Prevention Month

November is the National Fire Prevention Month every year. CGN New Energy carries out the spirit of important instructions from General Secretary Xi Jinping on production safety and fire safety, insists on co-ordination between development and safety, and pushes forward the transformation of the fire safety management mode to prior prevention. Centering on the theme of “Fire Safety for All, Life First”, CGN New Energy has organized a variety of fire safety publicity and training activities to continuously enhance the fire safety awareness and emergency response capability of its employees, creating a good atmosphere for everyone to pay attention to fire safety, learn fire safety and participate in fire safety, and providing a solid guarantee for the safe and stable operation of the enterprise.



11 Caring for Employees

PHYSICAL AND MENTAL HEALTH OF EMPLOYEES

CGN New Energy has actively responded to national policies to implement the 'Healthy China' campaign and fully implement the construction of a healthy enterprise. Under the co-ordination and guidance of the Group's Health Management Working Committee, we have continued to promote health management. In terms of physical health, we are committed to achieving full coverage of annual health check-ups, with specialists following up on the progress of the check-ups to ensure that the health management of our employees is carried out in an orderly manner; in terms of mental health, we have launched regular activities on psychological themes to put employee care into practice and create an enterprise environment of physical and mental health and harmonious development.

During the Reporting Period, the Human Resources Department of the Company, in conjunction with its branches and subsidiaries, organized various health-themed activities throughout the year to further enhance the level of health management and services and create a strong health culture. The Company uploaded a "Healthy and Caring Column" on the homepage of its intranet, encouraging employees to actively contribute articles and jointly promote health knowledge, and launched health science popularization through multiple channels, sending health knowledge kits by email every week. Additionally, under the overall planning of the Party Committee of the Company, the Health Management Working Committee coordinated the joint action of the labor unions and the Human Resources Department in customizing and distributing health care boxes to deliver care to each and every employee. During the Reporting Period, the completion rate of the Company's mental health survey reached a record high of 99%. The Company also distributed a handbook on mental health and a card for employees to promote the regularization of psychological counselling services, providing comprehensive protection for the physical and mental health of employees.

CASE STUDY

Launching of Chinese Medicine Free Clinic Activity

To further advance the construction of a healthy enterprise, CGN New Energy organized a Traditional Chinese Medicine (TCM) free clinic health event from 7 to 12 April 2024, inviting senior practitioners from the China Academy of Chinese Medical Sciences to provide one-on-one health consultation and adjustment services for employees. The doctors used methods like holistic TCM diagnosis, massage, cupping, and moxibustion, offering personalized health guidance based on different physical constitutions of employees, answering health questions, and promoting healthy lifestyles. The event was well-organized, with active participation from employees, deeply ingraining health services into their hearts and further enhancing their health awareness, receiving widespread acclaim.



11 Caring for Employees

CASE STUDY

First Central China Regional Staff Sports Meet Successfully Held

On 29 September 2024, CGN New Energy (Hubei) Company organized the “Green Development, Rise of Central China” – the first New Energy Central China Regional Staff Sports Meet was successfully held. The sports meet featured seven individual events and four team events, including basketball, badminton, table tennis, track running, tug-of-war, and fun activities, with enthusiastic participation from staff and officials. This event was not only a celebration of athletic competition but also an important platform for promoting regional cultural construction, enhancing team cohesion, and fostering the physical and mental health of staff.



TALENT NURTURING

CGN New Energy deeply recognizes that providing comprehensive career development training for employees is a key initiative for achieving mutual growth of the corporation. We adhere to the “talents empowering enterprise” strategy, guided by the talent philosophy of “maximizing individual potential and creating the future together”, and strive to build a team of operation and management talents with the spirit of doers, scientific research talents with the spirit of scientists, professional and technical talents with the spirit of excellent engineers, and skilled talents with the spirit of craftsmen. Relying on CGN's talent training management system and taking into account the characteristics of our new energy business, we regularly provide our staff with free and diversified vocational skills training in accordance with the job requirements of different energy power generation projects, as well as clear career development paths to ensure that all staff members enjoy equal training opportunities.

The Group has formulated the *Training Management System* and divided training into management training, skills training and business training three categories. We also formulate training plans and training performance indicators annually, and track the progress of the plans and indicators on a monthly basis and conduct quarterly assessments, in order to urge the implementation of the training plans and indicators, and to promote the efficient implementation of talent nurturing work.

To further enhance the efficiency of training management, the Group has established a training company to coordinate the planning and implementation of training in the new energy field. The training company designs courses based on the daily work skill needs of employees, aiming to enhance work efficiency and professional capabilities, helping employees enhance their professional competitiveness while creating value for the Company. We also provide comprehensive skill enhancement opportunities for all employees, stimulating their potential and expanding their professional skills through a variety of training courses, supporting personal development.

Nurturing Management Talents:

The Group has established a comprehensive management training system and tailor-made training programs for managers at different levels. Through a variety of training programs, the Group aims to enhance the strategic thinking, business capability and leadership effectiveness of its management staff.

Egret • Helping Hand Training Scheme

Nurturing new cadres of grassroots management

Egret • Soaring Training Scheme

Developing new middle management cadres

Egret • Wing-enriching Scheme

Cultivating Reserve Cadres at the Basic Level

Egret • Wing-fluttering Scheme

Cultivation of Middle Level Reserve Cadres

11 Caring for Employees

CASE STUDY

Egret•Soaring Scheme

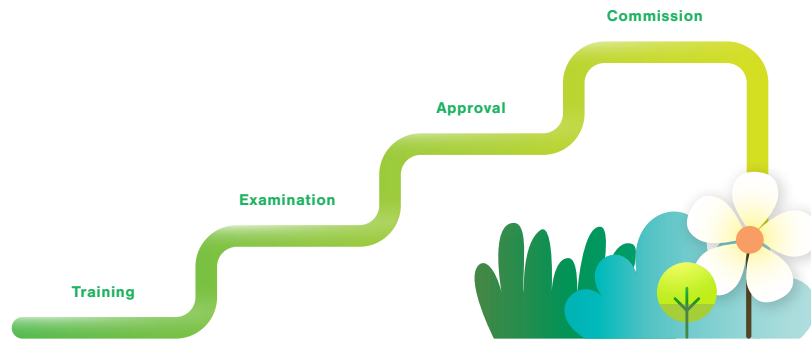
During the Reporting Period, the Group successfully conducted the “Egret•Soaring Scheme” training program, with several dozen newly appointed middle-level management cadres participating. Targeting the challenges faced by new middle-level managers during role transition, the program adheres to the philosophy of “learning for application”, employing a phased hybrid learning model that integrates online learning, classroom instruction, and on-the-job practice. This approach helps participants deepen their understanding of middle-management roles and responsibilities, master core knowledge required for managerial positions, and enhance foundational management skills in leadership and business operations.



Additionally, for fresh graduates, the Company conducts an annual campus recruitment initiative – the “Egret•Hatching Scheme” – aimed at fostering cultural alignment with CGN, enhancing professional competencies, cultivating teamwork, equipping recruits with job-specific skills, and facilitating role transition. This year’s training covered corporate culture, safety management, integrity compliance, confidentiality awareness, professional theory, and technical skills, designed to accelerate new employees’ integration into the corporate environment, mastery of core competencies, and foundation-building for career development.

11 Caring for Employees

Cultivation of technical talents:



CGN New Energy rigorously implements the “talents empower enterprise” strategy, advancing comprehensive training for technical and operations/maintenance professionals, while establishing a clean energy talent development framework encompassing training organizational management systems, authorization systems, and support systems. This empowers employees to holistically master professional skills. During the Reporting Period, the Company formulated and executed multiple technical training programs covering vibration detection, drone operation, IT management, and lightning protection technologies. For instance, we launched the 2024 Drone Specialized Skills Training Program, including drone inspection skills courses and surveying/modelling training, enabling technicians to obtain certifications and master operational and modelling methodologies to elevate technical proficiency.

Beyond internal training, the Group actively supports employee participation in external training and provides external training subsidies. We state explicitly in the *Training Management System* to support all employees in obtaining professional degrees or various skill certifications. As long as the training is approved by the relevant department, employees can reimburse their training costs. The Group also has partnerships with external educational institutions and schools, offering employees various types of training. Additionally, we have collaborated with the State Grid Hubei Electric Power Technical Training Center (Wuhan Electric Power College) and Xi'an University of Technology's School of Water Resources and Hydroelectric Engineering on talent development, further enhancing the quality of talent training in the new energy industry.

Business Talent Training:

The Group values the cultivation of business talents, actively providing diverse business training to enhance the professional capabilities and demeanor of business talents.

CASE STUDY

First Market Marketing Combat Training Camp Successfully Held

To comprehensively enhance the professional skills of electric power marketing personnel, promote the scale and quality of market customer development, and prepare for the 2025 annual electricity trading, on 15 October 2024, CGN New Energy successfully held the first Market Marketing Combat Training in Beijing. The training focused on practical marketing needs, combining marketing methodologies with practical experience sharing, and was both systematic and practical, comprehensively enhancing the capabilities of various subsidiaries in market development and competitive response.



Business Operation

CGN New Energy adheres to the philosophy of mutual benefit and win-win cooperation, establishing close partnerships with business collaborators to drive high-quality development in the renewable energy industry. The Group emphasizes supply chain management, prioritizing partners aligned with sustainable development commitments, and continuously maintains operational quality to ensure stable energy supply. Additionally, we strengthen intellectual property and privacy protection to ensure compliant operations.



UNSDGs:



12 Business Operation

CGN New Energy strictly abides by the laws and regulations on privacy matters relating to products and services provided and methods of redress in the places where we operate, including Mainland China, Hong Kong and Korea. The relevant laws and regulations adhered to during the Reporting Period, along with an overview of the Group's compliance, are listed in "Appendix I" to the Report. The Group has established and strictly implemented internal management policies on the protection of customer privacy and environmental and social risks in the supply chain. Due to business nature of CGN New Energy, health and safety, advertising and labeling issues concerning the supplied electricity are not applicable to the Group.

SUPPLY CHAIN MANAGEMENT

Suppliers are a critical component of CGN New Energy's operational quality assurance, providing essential support for business development. We adhere to the principles of "Safety First, Quality Foremost, Pursuing Excellence" in our operations and development, and uphold the institutional philosophy of "Precise Enacting, Orderly Execution and Efficient Monitoring" to establish a robust supply chain management mechanism. We are committed to maintaining a good collaborative relationship with our suppliers and have formulated and implemented relevant systems based on the policy of "mutual benefit, common development, environmental protection, benefits to people" to standardize the performance of both sides and achieve the goal of harmonious development featuring mutual benefit and win-win.

During the Reporting Period, the Company refined its supply chain management system, continuously improving the *Supplier Management Guidelines*, the *Supplier Qualification Review Process*, and the *Supplier Misconduct Management Process*. We implemented comprehensive risk control across supplier relationship management, introduction and evaluation, maintenance, misconduct management, evaluation, and elimination processes.

CGN New Energy places high importance on supply chain management and integrates ESG factors into its core supplier management strategy. The Company's senior management, as the highest decision-making body overseeing supplier ESG compliance, ensures that suppliers meet requirements in environmental protection, social responsibility, and business ethics of the Company. We have embedded environmental (including pollution prevention, waste management, zero deforestation, and land conservation), human rights and labor (including working conditions and occupational health and safety), and business ethics (including anti-corruption) requirements into supplier contracts to strictly regulate supplier conduct. Furthermore, we signed the *Environmental and Safety Control Agreements for Suppliers (Outsourced Projects)* with various suppliers to monitor their ESG performance and reduce pollution and safety incidents during production. In the event of severe pollution incidents caused by suppliers, we will handle the matter in accordance with national regulations and terminate the contract.

During the supplier introduction phase, all levels of the commercial department conduct strict reviews of the rationality and necessity of supplier introductions. For public tenders, the Evaluation Committee is responsible for qualification reviews, while non-public tenders are jointly reviewed by the business, technical, financial, and safety and quality. Only suppliers who pass the qualification review are eligible to sign contracts, and this practice applies to all types of business suppliers. During the Reporting Period, we based on such practices reviewed 570 suppliers and established partnerships with 4,978 suppliers from Mainland China, Hong Kong, and Korea, covering major categories such as fuel projects, engineering projects and general equipment services.

In order to standardize the procurement process, we have developed a strict supplier performance evaluation management system, covering seven dimensions, including technology, quality, cost, delivery, service response, environmental protection and social responsibility. We conduct regular evaluations, with major subsidiaries organizing at least one performance evaluation per year for suppliers with active contracts. The evaluation results serve as the basis for supplier qualification and subsequent procurement review. We prioritize partnerships with high-performing suppliers and consider terminating relationships with underperforming ones.

12 Business Operation

We also strengthened the management of supplier misconduct. If a supplier engages in serious misconduct, the Company will handle the matter in accordance with the *Supplier Misconduct Disciplinary Process*. During supplier evaluations and misconduct handling, we identify environmental and social risks, including whether the supplier has violated major safety, quality, or environmental standards, compliance, or harmed national interests speech or behavior. Upon identifying misconduct, the Group immediately initiates risk control measures, including warnings, public criticism, rectification, bidding restrictions, or blacklisting. During the Reporting Period, 54 supplier misconduct cases involving 115 suppliers were investigated and addressed, with results recorded in the CGN ECP system. Concurrently, we conduct annual post-evaluation of suppliers and categorize them based on assessment results, where identified environmental and social risks can be a critical factor influencing supplier priorities. Severe cases may lead to partnership termination.

In addition, suppliers are strictly required to comply with environmental laws, fulfill contractual environmental obligations, and assume liability for environmental damage, personal injuries, or property losses caused by violations. Suppliers must submit environmental protection plans, particularly during engineering construction, to minimize ecological impact. The *Implementation Rules for Environmental Management* mandate that subsidiaries integrate energy conservation and environmental factors into strategic planning and supplier selection. We promote green design, procurement, construction, and operations through green industry chain policies. To advance green procurement, we prohibit the purchase of products listed as “high-pollution, high-environmental-risk” in the Ministry of Ecology and Environment’s *Comprehensive Catalogue for Environmental Protection* or any products, technologies, or equipment in the Ministry of Industry and Information Technology’s *Guidance Catalogue for Some Industrial Industries to Eliminate Backward Production Technology Equipment and Products*. These source control measures effectively mitigate environmental risks while driving our supply chain’s transition toward low-carbon and sustainable development. During the Reporting Period, we also formulated the *Vehicle Allocation and Disposal Rules*, encouraging the adoption of new energy vehicles to further advance green procurement.

The way in which CGN New Energy assesses the qualifications of suppliers:



Suppliers are classified as “potential suppliers”, “qualified suppliers” and “restricted suppliers” for management. “Potential supplier” refers to the CGN ECP members who have not passed the qualification review or whose qualification review has expired, while “qualified supplier” refers to the suppliers who have passed the qualification review or re-assessment in the right product category, and “restricted supplier” refers to those who have been suspended from assessment or banned from use due to restrictive measures such as blacklisting, debarment, bid restriction, and temporary freeze, including those involved in improper bidding, bribery, a serious breach of contract, serious liability incident, serious negative social review, and other undesirable behaviors. We manage that misbehavior and integrate anti-corruption requirements into the Supplier Code of Conduct, making supplier integrity as one of the key considerations. When drafting contracts with all suppliers, it is stipulated that the suppliers should sign a commitment to integrity for construction projects, to ensure that the suppliers promise to prevent any illegal and disciplinary behaviors of seeking improper interests in the process of cooperation. In the process of bidding or contract dispute resolution, we will also assess whether suppliers have engaged in dishonest practices such as bribery, threats or intimidation against employees or their stakeholders. If a supplier is listed as a restricted supplier, we may prohibit or restrict business dealings with our affiliates.

We mark suppliers’ “Qualification Review Status” in the ECP system based on the above principles and stipulate that only qualified suppliers that have passed the qualification review can sign contracts or orders with the Company. For qualified suppliers, we further classify them into three categories, and the procurement of projects, goods, or services must not exceed the suppliers’ approved qualification level and category.

In addition, we provide safety trainings and guidance to specific suppliers for helping them identify and mitigate operational risks, be capable of complying the contract agreements, thereby ensuring the long-term stable operations of the Group. When adjustments are required to the supplier management methods or related systems, the supplier management team of the Contract Commercial and Tendering Centre of the Company will provide professional training and policy guidance to the commercial staff of the branches and subsidiaries to ensure the efficient implementation and execution of the new measures and to further enhance the effectiveness of the supply chain management.

12 Business Operation

CASE STUDY

Strategic Emerging Industries Development Conference

On 20 March 2024, the Company, in collaboration with other CGN member companies, successfully hosted the Strategic Emerging Industries Development Conference in Beijing. Under the theme “Collaborative Chains, Shared Success”, the event gathered partners from government bodies, research institutions, and the upstream and downstream of the industry chain to explore future of collaborative development in the new energy industry chain and establish a strategic cooperation ecosystem with clear goals, tasks, and projects, driving the high-quality development of the new energy industry chain.



OPERATIONAL QUALITY ASSURANCE

We are committed to maintaining the quality of business operations, regularly reporting to the Board on the operation and market, and striving to continuously optimize the operation strategy to ensure grid security and stability.

During the Reporting Period, CGN New Energy, driven by a strong sense of responsibility and mission, fully implemented its energy supply guarantee obligations, ensured the safe and reliable operation of equipment, and achieved zero Level 3 or above cybersecurity incidents or safety production liability incidents throughout the year. The Company successfully completed its 2024 power supply security tasks. During critical power supply periods, CGN New Energy comprehensively strengthened daily inspections, security checks, situational awareness, monitoring and early warning, emergency drills, and system reinforcement for its information systems. In daily operations, the Company ensured stable equipment performance and reliable power supply by continuously monitoring operational status and promptly addressing identified issues through closed-loop rectification. To further enhance operational safety, the Company organized monthly production and maintenance system meetings to review case studies and share safety management best practices. Additionally, branches and subsidiaries maintained close communication with regional grid companies, strictly implemented power outage and restoration confirmation procedures, and ensured efficient coordination of grid operations.

12 Business Operation

CGN New Energy has strengthened its market adaptability and service capability through three major initiatives, namely, institutional development, enhancement of core trading capabilities and technological innovation, so as to firmly grasp market opportunities and contribute to the stable supply of energy.

	<p>Institutional Development</p> <p>Guided by the <i>Electric Power Marketing Management System</i>, the Group has constructed and continuously improved a series of safeguard systems, including the <i>Regulations on Management of Customers in Electricity Marketing Business</i> and the <i>Regulations on Management of Grid-connected Operation and Auxiliary Services</i>, in relation to electricity trading and market-oriented services, to ensure the compliance and efficient operation of the business and to further improve the capacity of market-oriented services.</p>
	<p>Enhancement of Core Trading Capabilities</p> <p>The Group has built an integrated power forecasting platform and decision aid system, continuously optimizing algorithms and power forecasting accuracy, and optimizing the power reporting curve for both the day-ahead and day-ahead markets, to ensure that we can better serve our external power and market users in the future.</p>
	<p>Technological Innovation</p> <p>Focusing on the intermittent nature of new energy generation, the Group has been actively exploring the application of energy storage technology in spot trading and ancillary services, and promoting the implementation and operation of pilot projects, with a view to providing technical support for the safe and stable operation of the power grid. Meanwhile, the Group is setting up a virtual power plant operation platform, relying on the demand-side response policies in Hunan, Shandong and Shanghai, to tap into the adjustable resources on the users' side, effectively alleviating the pressure on the power grid, and actively contributing to the construction of a new type of power system.</p>

INTELLECTUAL PROPERTY RIGHTS AND PRIVACY PROTECTION

CGN New Energy has always placed high importance on the protection and management of intellectual property rights (IPR). All employees are responsible for complying with applicable laws and regulations, actively fulfilling obligations to safeguard the Group's IPR, and respecting the intellectual property rights of other entities or individuals. The Group strictly enforces internal policies such as the *Employee Handbook* and *Employee Code of Conduct*, integrating IPR protection into daily operations. A robust IPR management system has been established to ensure systematic implementation of related initiatives. The Company has developed and continuously improved its *Intellectual Property Management Measures*, which clearly define processes for IPR acquisition, application, commercialization, and tiered management. Furthermore, key R&D projects adopt full-cycle IPR management, while efforts to enhance employees' IPR awareness and capabilities are progressively strengthened.

In addition, we enforce stringent management of customer information in power marketing operations to rigorously safeguard its customers' privacy. The Power Marketing and Trading Center oversees customer privacy related to power marketing activities matters, guided by the *Regulations on Customer Management of Power Marketing Business*, formulated by the Company to standardize customer data governance. Customer data is obtained through lawful and compliant means, managed exclusively by authorized personnel. Access by non-authorized personnel is strictly prohibited unless approved by the Group under exceptional circumstances. Collaboration with power users involves signed Non-Disclosure Agreements (NDAs) or confidentiality clauses, ensuring mutual privacy protection. During the Reporting Period, the Group recorded no incidents of customer privacy breaches, data loss, or substantiated complaints.

Giving Back to the Society

CGN New Energy adheres to its mission of promoting shared development, dedicating itself to creating shared value in the communities where it operates. We strengthen ties with local communities, gain in-depth understanding of their needs, actively integrate into local development processes, and drive the construction of a harmonious society. Through project operations and philanthropic investments, we not only strive to improve living conditions for surrounding populations and vulnerable groups but also focus on empowering the next generation, injecting new momentum for sustainable development into society, and demonstrating the responsibility and commitment of Central Enterprise.



UNSDGs:



13 Giving Back to the Society

Leveraging its nationwide industrial footprint, CGN New Energy continues to fulfill its pledge: “building a project, improving the local environment, developing the local economy, and benefiting the people”. This year, we prioritized rural revitalization, educational assistance, and emergency relief as key pillars of our community investments. By formulating and strictly implementing internal management policies related to community engagement in our operations, the Group has not only effectively carried out key initiatives such as targeted assistance programs led by Central Enterprises and regional support efforts, but has also proactively implemented public welfare projects in areas such as educational support, livelihood improvement, poverty alleviation, disaster relief, and emergency response. These efforts are aimed at aligning with the needs of the communities where our projects are located and fostering shared prosperity.

RURAL REVITALIZATION

Against the backdrop of steady national economic growth and the deepening implementation of China's rural revitalization strategy, CGN New Energy remains committed to enabling broader communities to share in development outcomes. We actively respond to national policies, thoroughly understand the development status of certain rural counties, and deploy targeted resources to address resource shortages and livelihood needs, thereby improving local living standards. While advancing high-quality development in clean energy business, CGN New Energy upholds the responsibilities of a Central Enterprise by practicing the revitalization principle of “Do Things and Take Responsibilities”. We focus on rural infrastructure development and livelihood security, injecting sustained momentum into rural industrial revitalization and working to realize a blueprint of prosperity that benefits all.

CASE STUDY

Supporting Rural Industry Development and Livelihood Security

In 2024, CGN New Energy continued its commitment to rural industry development and social welfare. In December 2024, we donated RMB300,000 to the Red Cross Society of Bairin Left Banner, Chifeng City, earmarked for local healthcare, livelihood security, and infrastructure upgrades. These efforts not only accelerated the tangible impact of rural revitalization but also enhanced regional value and reinforced our corporate reputation.

13 Giving Back to the Society

CASE STUDY

Advancing Rural Infrastructure Development

CGN New Energy actively supported the Autonomous Region's "Ten thousand Enterprises Assist Ten thousand Villages" initiative, fulfilling its corporate social responsibilities. To ensure normal production and daily life in rural areas, we donated a cumulative RMB40,000 to the Red Cross Society of Shaogen Town, Ar Horqin Banner, from 2023 to 2024. These funds were dedicated to repairing farmland roads, strengthening agricultural infrastructure, and driving local socio-economic progress.



CASE STUDY

Empowering Rural Livelihoods and Social Welfare

In December 2024, CGN New Energy contributed RMB90,000 to the Rudong County Charity Federation, specifically to assist disadvantaged residents and elderly individuals living alone. This initiative alleviated sudden, urgent, or temporary hardships faced by urban and rural populations, enabling them to share in the fruits of reform and development while enhancing their sense of fulfillment, happiness, and security.



13 Giving Back to the Society

SUPPORTING EDUCATIONAL DEVELOPMENT

Education serves as a vital cornerstone for national rejuvenation and a powerful driver of shared development. We consistently prioritize education by improving infrastructure, optimizing teaching environments, and motivating students, thereby advancing equitable educational development in ethnic regions and contributing corporate strength to nurturing talent and fostering regional prosperity.

CASE STUDY

School-Enterprise Partnerships to Promote Balanced Educational Development in Ethnic Regions

To comprehensively support education in Delingha City, Qinghai Province, and advance educational equity in ethnic areas, we formed a school-enterprise partnership with Delingha City Experimental Primary School, launching a three-year assistance initiative (2022-2024). During this period, we donated a total of RMB1.53 million to upgrade the school's hardware facilities. From new student desks, teacher workstations, and advanced laptops to printing equipment, LED displays, cozy reading corners, campus-wide Wi-Fi, and high-speed paper cutters, we created a modern, comfortable, and efficient learning environment for teachers and students, revitalizing the campus.



13 Giving Back to the Society

CASE STUDY

Empowering College Entrance Exam Students to Pursue Academic Dreams

In 2024, CGN New Energy actively engaged in educational philanthropy by donating RMB100,000 to the Education Bureau of Henan County, Qinghai Province. The funds were specifically allocated to reward 45 liberal arts and science students who excelled in the college entrance exam (Gaokao), aiming to motivate learners to strive for academic excellence and further elevate educational standards in ethnic regions. This initiative not only cultivates more outstanding talents for the local community, but also propels ethnic regions to new heights in educational development, demonstrating the Company's social responsibility and commitment to corporate citizenship.



13 Giving Back to the Society

DISASTER RELIEF

Disaster relief is a critical manifestation of corporate social responsibility. In the face of crises, we uphold the principle of “putting people and lives at the first place”, providing financial support to help affected regions rebuild and exemplifying the accountability of Central Enterprise.

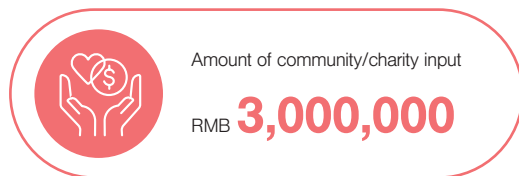
CASE STUDY

Responding to Floods with Responsibility and Resolve

In July 2024, Typhoon Gaemi triggered torrential rains in Zixing City and Yongxing County, Chenzhou City, Hunan Province, causing severe landslides and devastating mountains, farmlands, tea plantations, and schools. In response to the disaster, we earnestly fulfilled our social responsibility as a Central Enterprise, actively responding to local governments' call to “join hands in flood relief and rebuild homes”. We donated RMB160,000 each to the Zixing City and Yongxing County Charity Federations. These funds were dedicated to post-disaster infrastructure restoration, embodying the traditional virtue of “help comes from all sides in times of need” and underscoring CGN New Energy's social commitment. CGN New Energy was recognized with “Donation Certificates”, “Certificates of Honor”, and a letter of appreciation titled “Grateful for Your Partnership in Adversity” from local authorities.



During the Reporting Period, the Group's community investments:



14 Comprehensive Performance

In terms of performance statistics and reporting, the Group adopts the “Operational Control” approach to define organizational boundaries. The data statistics and calculation methods used in the Report are appropriately indicated. Historical data and information for certain indicators have been systematically compiled and presented. Due to the expanded scope of ESG-related data collection for the year 2024 compared to 2023, some data has been adjusted accordingly. In the tables, “Not Applicable (N/A)” indicates that the data for the respective year was not disclosed in accordance with *GRI Sustainability Reporting Standards*, was not statistically collected, or is not suitable for comparison. Unless otherwise stated, the data provided in this section represents the full-year consolidated data or statistics as of 31 December for the corresponding year, covering the Group’s operations and controlled projects in Mainland China, Korea, and Hong Kong.

CORPORATE GOVERNANCE

Economy and Governance

Economic performance:

Indicator	2024	2023	2022
Revenue (US\$'000)	1,951,339	2,192,977	2,430,056
Operating profit (US\$'000)	528,334	552,493	589,652
Net assets (US\$'000)	1,759,537	1,688,559	1,499,556
Earnings per share ⁸ (US cents)	5.78	6.24	4.55
Income tax ⁹ (US\$'000)	78,971	72,895	58,571

Preventing bribery and anti-corruption:

Indicator	2024	2023	2022
Number of cases involving bribery, extortion, fraud and money laundering	0	0	0

BUSINESS OPERATION

Product and Service Quality

Operational performance:

Indicator	2024	2023	2022
Number of cases in which operations are suspected of infringing intellectual property rights	0	0	0

⁸ Refers to basic and diluted earnings per share of the Company

⁹ Refers to the Company’s income tax expense for the year.

14 Comprehensive Performance

Number of suppliers and the region where they operate:

Indicator	2024	2023	2022
Total number of suppliers	4,978	4,330	3,157
Mainland China	4,455	3,885	2,771
Hong Kong	0	0	0
Korea	523	445	386
Other countries and regions	0	0	0
Total number of suppliers where the practices are being implemented	570	1,114	1,651

GREEN OPERATION

Emissions and Discharge

Atmospheric pollutant emissions:

Indicator	2024	2023	2022
NO _x (tonnes)	584.13	588.68	687.66
SO _x (tonnes)	30.39	29.42	47.78
Smoke and dust in exhaust gas (tonnes)	34.60	73.02	50.63

GHG emissions:

Indicator	2024	2023	2022
Total greenhouse gas emissions (Scope 1 and 2) ¹⁰ (tonnes CO ₂ eq)	16,081,147.54	16,224,680.93	16,575,179.39
Scope 1			
CO ₂ (tonnes)	3,214,361.06	3,351,746.38	3,653,959.88
CH ₄ (tonnes)	951.68	967.54	1,073.45
N ₂ O (tonnes)	1,162.47	1,184.39	1,329.04
SF ₆ (tonnes)	532.04	532.03	532.03
Reduction of trees' emissions ¹¹ (tonnes CO ₂ eq)	54.92	53.13	53.71
Total Scope 1 GHG emissions (tonnes CO ₂ eq)	16,051,853.48	16,195,259.92	16,538,939.16
Scope 2			
CO ₂ (tonnes)	29,294.06	29,421.01	36,240.23
Intensity			
GHG emissions in total per MWh of electricity generated (tonnes CO ₂ eq)	0.84	0.85	0.86

¹⁰ Scope 1 GHG emissions data is calculated based on the global warming potential values of the IPCC Fifth Assessment Report, and are presented in carbon dioxide equivalent. The scope 2 GHG emissions data for 2024 is calculated based on the "Announcement on the Release of 2022 Electricity Carbon Dioxide Emission Factors" issued by the Ministry of Ecology and Environment and the National Bureau of Statistics and the "Climate Transparency Report: Comparing G20 Climate Action 2022" published by Climate Transparency, an international environmental organization.

¹¹ The tree emission reduction data are calculated based on the conversion factors provided by the Hong Kong Environmental Protection Department and the Hong Kong Electrical and Mechanical Services Department.

14 Comprehensive Performance

Amount of non-hazardous waste generated:

Indicator	2024	2023	2022
Total non-hazardous waste produced (tonnes)	37,723.99	38,000.80	44,410.52
Boiler slag (tonnes)	32,832.01	32,172.49	38,395.25
Desulfurized gypsum (tonnes)	4,364.48	5,327.00	5,545.00
Waste/domestic waste (tonnes)	395.58	378.11	361.28
Waste paper (tonnes)	5.83	6.44	10.49
Iron scrap (tonnes)	126.09	116.76	98.50
Intensity			
Non-hazardous waste produced per MWh of electricity generated (tonnes)	0.0020	0.0020	0.0023

Amount of hazardous waste generated:

Indicator	2024	2023	2022
Total hazardous waste produced(tonnes)	99,106.03	113,282.10	102,974.10
Waste battery (tonnes)	6.18	13.60	15.37
Waste oil (tonnes)	53.90	69.69	68.06
Waste paint (tonnes)	1.19	0.23	0.35
Waste insulation materials (tonnes)	38.76	38.12	37.62
Fly ash (pulverized fuel ash) (tonnes)	99,006.00	113,160.46	102,852.80
Intensity			
Hazardous waste produced per MWh of electricity generated (tonnes)	0.0052	0.0059	0.0054

Wastewater discharge:

Indicator	2024	2023	2022
Wastewater (tonnes)	884,182.95	1,048,630.95	983,730.12
Intensity			
Wastewater discharged per MWh of electricity generated (tonnes)	0.046	0.055	0.051

Compliance with emission and discharge:

Indicator	2024	2023	2022
Number of cases involving illegal emissions and discharge of pollutants into the environment	0	0	0

14 Comprehensive Performance

Use of Energy and Resources

Energy consumption¹²:

Indicator	2024	2023	2022
Total energy consumption (direct and indirect energy) (MWh)	17,107,970.76	17,601,035.88	18,920,680.75
Direct energy			
Coal (MWh)	4,737,560.14	4,903,097.00	4,896,799.13
Natural gas (MWh)	10,150,462.46	10,403,761.61	11,738,912.24
Total direct energy (MWh)	14,888,022.60	15,306,858.61	16,635,711.36
Indirect energy			
Coal gas (MWh)	2.22	14.91	20.43
Gasoline (MWh)	3,752.90	3,240.52	3,035.49
Diesel (MWh)	2,407.77 ¹³	590.18	453.16
Fuel oil (MWh)	62,181.40	104,307.49	76,942.00
Liquefied petroleum gas (LPG) (MWh)	0 ¹⁴	135.69	174.03
Wood pellets (MWh)	2,092,747.76	2,130,219.27	2,139,122.51
Purchased electricity (MWh)	58,856.11	55,669.20	65,221.77
Total indirect energy (MWh)	2,219,948.16	2,294,177.27	2,284,969.39

Intensity			
Energy consumed per MWh of electricity generated (MWh)	0.89	0.92	0.99

Water consumption:

Indicator	2024	2023	2022
Total water intake (m ³) ¹⁵	6,356,279,431.18	6,296,438,986.82	7,111,258,855.96
Surface water(m ³)	6,354,316,525.23	6,294,357,759.54	7,109,213,662.28
Municipal water (m ³)	1,951,278.05	2,067,235.60	2,030,391.00
Ground water (m ³)	11,627.90	13,991.68	14,802.68
Amount of water discharged into the natural environment after pre-treatment (m ³)	6,331,497,402.93	6,274,552,386.54	7,090,354,842.28
Total water consumption (m ³) ¹⁶	24,782,028.25	21,886,600.28	20,904,013.68

Intensity			
Water consumed per MWh of electricity generated (m ³)	1.29	1.15	1.09

Others			
Circulating water (m ³)	14,944,243.25	17,326,732.95	17,567,461.11
Proportion of circulating water ¹⁷	60.3%	79.2%	N/A

¹² Energy consumption data were calculated based on the amount of purchased electricity and fuels consumed and relevant conversion factors provided by the International Energy Agency.

¹³ During the Reporting Period, the consumption of diesel increased due to heightened demand for refueling offshore emergency generators in certain projects and changes in operational business needs.

¹⁴ During the Reporting Period, the Company carried out a gas-to-electricity conversion initiative and no LPG has been used. As a result, the LPG consumption for 2024 was zero.

¹⁵ Includes surface water, municipal water and ground water.

¹⁶ Water discharged into the rivers, the ocean and land after pre-treatment, as well as circulating water, are not included in the water consumption.

¹⁷ Percentage of recycled water = recycled water/total water consumption

14 Comprehensive Performance

Mitigating Impact on Natural Environment

Amount of waste recycled during the operation:

Indicator	2024	2023	2022
Fly ash (pulverized fuel ash) (tonnes)	99,006.00	113,160.46	102,852.80
Desulfurized gypsum (tonnes)	4,364.48	5,327.00	5,545.00
Paper (tonnes)	1.97	1.92	1.36

Environmental greening:

Indicator	2024	2023	2022
Special funds for environmental protection invested by the projects in Mainland China (RMB)	27,083,488.03	41,873,623.17	38,476,158.17
Number of trees held as high as 5 meters or above	2,388	2,310	2,335

Compliance with environmental protection rules:

Indicator	2024	2023	2022
Number of cases involving damage to the natural environment	0	0	0

CARING FOR EMPLOYEES

Employment

Cost of employee benefits:

Indicator	2024	2023	2022
Salaries and allowances (US\$'000)	106,671	100,558	93,503
Retirement benefits scheme contributions, including directors' emoluments (US\$'000)	24,379	19,755	15,892

14 Comprehensive Performance

Employee composition:

Indicator	2024	2023	2022
Total number of employees	2,409	2,089	1,936
Number of employees of ethnic minorities	89	76	72
Percentage ratio of employees of ethnic minorities	3.69%	3.64%	3.72%
By gender			
Male employees	2,080	1,831	1,706
Female employees	329	258	230
By age group			
Age under 30	598	539	521
Age between 30 and 50	1,630	1,381	1,271
Age above 50	181	169	144
By employment type			
Full-time	2,409	2,056	1,936
Part-time	0	33	0
By job-based region			
Mainland China	2,112	1,801	1,694
Hong Kong	17	18	18
Korea	280	270	224
Other countries and regions	0	0	0
Permanent employees: divided by gender and job-based region			
Male employees	1,030	847	773
Female employees	180	119	119
Mainland China	917	709	659
Hong Kong	17	18	18
Korea	276	239	215
Other countries and regions	0	0	0
Temporary employees: divided by gender and job-based region			
Male employees	1,050	984	933
Female employees	149	139	111
Mainland China	1,195	1,092	1,035
Hong Kong	0	0	0
Korea	4	31	9
Other countries and regions	0	0	0
Non-guaranteed hours employees: divided by gender and job-based region			
Male employees	0	0	0
Female employees	0	0	0
Mainland China	0	0	0
Hong Kong	0	0	0
Korea	0	0	0
Other countries and regions	0	0	0

14 Comprehensive Performance

Indicator	2024	2023	2022
Full-time employees: divided by gender and job-based region			
Male employees	2,080	1,806	1,706
Female employees	329	250	230
Mainland China	2,112	1,801	1,694
Hong Kong	17	18	18
Korea	280	237	224
Other countries and regions	0	0	0
Part-time employees: divided by gender and job-based region			
Male employees	0	25	0
Female employees	0	8	0
Mainland China	0	0	0
Hong Kong	0	0	0
Korea	0	33	0
Other countries and regions	0	0	0

New employee¹⁸:

Indicator	2024	2023	2022
By gender			
Male employees	5.63%	11.58%	14.83%
Female employees	6.69%	6.20%	10.43%
By age group			
Age under 30	14.21%	22.08%	28.41%
Age between 30 and 50	3.01%	7.60%	9.91%
Age above 50	2.76%	2.37%	2.08%
By job-based region			
Mainland China	5.02%	10.11%	13.46%
Hong Kong	11.76%	0%	0%
Korea	11.07%	17.04%	21.88%
Other countries and regions	0%	0%	0%

¹⁸ The new employee rate is calculated as per the "number of new employees in this category/total number of employees in this category".

14 Comprehensive Performance

Employee turnover¹⁹:

Indicator	2024	2023	2022
By gender			
Male employees	3.30%	3.73%	3.18%
Female employees	2.66%	1.20%	2.13%
By age group			
Age under 30	2.76%	5.05%	2.62%
Age between 30 and 50	3.03%	2.82%	2.75%
Age above 50	6.22%	1.23%	7.10%
By job-based region			
Mainland China	2.58%	3.09%	1.80%
Hong Kong	15.00%	3.77%	0%
Korea	6.98%	4.30%	11.81%
Other countries and regions	0%	0%	0%

Remuneration and diversity:

Indicator	2024	2023	2022
Ratio of remuneration of female employees to male employees			
Management	1.0	1.0	1.0
General employees	1.0	1.0	1.0
Percentage of female employees			
Members of the Board	14.29%	0%	0%
Senior management ²⁰	0%	0%	0%
Middle-level management ²¹	5.93%	6.15%	15.74%
General employees	14.10%	12.60%	N/A

Indicator	2024	2023	2022
Percentage of senior management by age group			
Age under 30	0%	0%	N/A
Age between 30 and 50	37.50%	37.50%	N/A
Age above 50	62.50%	62.50%	N/A
Percentage of middlelevel management by age group			
Age under 30	0%	3.08%	N/A
Age between 30 and 50	70.34%	70.77%	N/A
Age above 50	29.66%	26.15%	N/A
Percentage of general employees by age group			
Age under 30	26.19%	25.89%	N/A
Age between 30 and 50	67.63%	66.17%	N/A
Age above 50	6.18%	7.94%	N/A

¹⁹ The employee turnover rate is calculated according to the "number of employees leave in this category/current employees in this category+total number of employees leave"

²⁰ Refers to the position of assistant president or above at the Group's head office.

²¹ Refers to the positions of director and senior manager at the head office and department director and above at each branch and subsidiary level of the Group.

14 Comprehensive Performance

Occupational health and safety

Employees' health and safety:

Indicator	2024	2023	2022
By all employees			
Number of work-related fatalities (percentage)	0 (0%)	0 (0%)	0 (0%)
Number of serious work-related injuries (excluding fatalities)	0	0	0
Number of recordable injuries ²²	0	0	0
Loss of work accident rate (per 200,000 working hours)	0	0	0
Severe injury rate (per 200,000 working hours)	0	0	0
Lost days due to work injury	0	0	0
Total working hours	4,827,768	4,152,216	3,859,664
Workers who are not employees but whose work and/or workplace are controlled by the organization			
Number of work-related fatalities (percentage)	0 (0%)	0 (0%)	0 (0%)
Number of serious work-related injuries (excluding fatalities)	0	0	0
Number of recordable injuries	0	0	0
Total working hours	557,818	649,314	154,096

Work-related health problems:

Indicator	2024	2023	2022
By all employees			
Number of fatalities due to work-related health problems	0	0	0
Number of recordable cases of work-related health problems	0	0	0
Workers who are not employees but whose job and/or workplace are controlled by the organization			
Number of fatalities due to work-related health problems	0	0	0
Number of recordable cases of work-related health problems	0	0	0

²² Refers to inability of employees to work normally for 3 days or more due to work-related accidents.

14 Comprehensive Performance

Workers covered by the occupational health and safety management system:

Indicator	2024	2023	2022
By employee			
Number of staff covered by occupational health and safety management body (percentage)	2,409 (100%)	2,089 (100%)	1,936 (100%)
Number of staff covered by the internal audit management system (percentage)	2,409 (100%)	2,089 (100%)	1,936 (100%)
Number of staff covered by external audit or certified management system (percentage)	0 (0%)	0 (0%)	0(0%)
Workers who are not employees but whose jobs and/or workplaces are controlled by the organization			
Number of staff covered by occupational health and safety management body (percentage)	0 (0%)	0 (0%)	0 (0%)
Number of staff covered by the internal audit management system (percentage)	0 (0%)	0 (0%)	0 (0%)
Number of staff covered by external audit or certified management system (percentage)	0 (0%)	0 (0%)	0 (0%)

Development and training

Employee training:

Indicator	2024	2023	2022
Percentage of employees who received vocational development training²³			
Male employees	86.34%	87.03%	87.53%
Female employees	13.66%	12.97%	12.47%
Senior management	0.33%	0.44%	0.57%
Middle-level management	4.90%	3.35%	6.84%
General employees	94.77%	96.21%	92.59%
Average hours of vocational development training received per employee²⁴			
Male employees (hour)	167.78	113.75	74.24
Female employees (hour)	167.78	114.00	74.06
Senior management (hour)	51.46	64.00	105.75
Middle-level management (hour)	167.78	114.00	86.94
General employees (hour)	167.78	114.00	73.26
Number of employees subject to periodic performance and career development reviews (%)			
Male employees	2,080 (100%)	1,831 (100%)	1,706 (100%)
Female employees	329 (100%)	258 (100%)	230 (100%)
Senior management	8 (100%)	8 (100%)	8 (100%)
Middle-level management	118 (100%)	65 (100%)	108 (100%)
General employees	2,283 (100%)	2,016 (100%)	1,820 (100%)

²³ The data scope of the percentage of employees receiving vocational development training includes employees at Mainland China and Hong Kong, and is calculated based on "Total number of trained employee of the category/total number of trained employee".

²⁴ The data scope of the average hours of employees receiving vocational development training per employee includes employees at Mainland China and Hong Kong, and is calculated based on "Total number of training hours of the category/total number of employee of the category". Based on the update calculation method of average training hours per person, therefore, the relevant data for 2021 has been re-calculated.

14 Comprehensive Performance

GIVING BACK TO THE SOCIETY

Community investment

Public charity:

Indicator	2024	2023	2022
Money contributed to community/ charity issues ²⁵	RMB3,000,000	RMB12,325,000	RMB2,740,400

²⁵ Includes monetary value of input fund and resources for poverty relief and public charity.

15 Prospects in 2025

2025 will mark a pivotal year for China as it concludes the 14th Five-Year Plan and transitions to the 15th Five-Year Plan. With the deepening implementation of the *14th Five-Year Plan on Renewable Energy Development*, China's energy transition will achieve new breakthroughs: renewable energy installed capacity will continue to expand, technological innovation will accelerate, and energy efficiency will rise significantly. In the realm of offshore wind power, China will further solidify its global leadership, driving the R&D and commercialization of deep-sea wind power technologies. The green electricity and GEC trading market will become more mature, and the cross-regional electricity trading mechanisms will be further refined, facilitating the optimized allocation of energy resources and driving green, low-carbon development. Concurrently, Korea power market is accelerating its energy mix transformation, increasing renewable energy penetration while synergizing natural gas power and energy storage technologies to bolster energy security and low-carbon transition. The Group will remain steadfast in advancing the national "Dual Carbon" strategy, deepening its presence in clean energy markets through high-quality, development, and precision project execution. We will expedite the deployment of new energy projects while actively delivering diversified clean energy solutions to contribute to global energy transition and build a secure, eco-friendly, and economically sustainable energy future.

The Group has established a comprehensive and multi-tiered development framework in the wind power sector, achieving synergistic progress in both wind power generation and professional services. In the field of wind power construction and operation and maintenance, the Group has secured an industry-leading position through standardized, serialized, and scaled management models. Simultaneously, the Group has demonstrated outstanding project operation and maintenance capabilities and technological innovation strengths in the investment, construction, operation, and maintenance of solar power plants and other renewable energy projects, as well as in related R&D. This further consolidates the Group's competitive edge in the clean energy sector.

Moving forward, amid evolving macroeconomic conditions and power sector trends, the Group will uphold its mission of "Developing Clean Energy, Building a Beautiful China" and rigorously implement ESG principles. The Group will focus on acquiring and developing high-quality clean and renewable energy projects while advancing organic growth through new construction and expansion plans to achieve robust investment returns. Furthermore, the Group will strengthen core operational capabilities in wind and solar power, enhancing our market leadership and influence in non-nuclear clean energy. By doing so, we aim to support national "Dual Carbon" goals, drive high-quality socio-economic development, advance Chinese-style modernization, and deliver long-term, sustainable value to stakeholders.

16 Independent Assurance Report

To the Board of Directors of CGN New Energy Holdings Co., Ltd.:

CECEPAC (HK) Advisory Company Limited ("**CECEPAC (HK)**" or "**We**") has been engaged by CGN New Energy Holdings Co., Ltd. ("**CGN New Energy**") to conduct an independent limited assurance engagement (the "**Assurance Engagement**") on the information and data related to sustainable development in the *2024 Environmental, Social and Governance Report* (the "**ESG Report**") of CGN New Energy.

CECEPAC (HK) has conducted the Assurance Engagement on the *ESG Report* of CGN New Energy in accordance with the *AA1000 Assurance Standard v3* (the "**AA1000AS v3**"). Moreover, CECEPAC (HK) has also been engaged to conduct limited Assurance Engagement on the reliability and quality of specified performance information disclosed in the *ESG Report* that has been selected in accordance with the *Environmental, Social and Governance Reporting Guide* (the "**ESG Reporting Guide**") published by the Stock Exchange of Hong Kong Limited (the "**SEHK**").

This independent assurance statement has been prepared in Chinese and English versions. Should there be any discrepancies between these versions, the Chinese version shall prevail.

I. INDEPENDENCE AND COMPETENCE

CECEPAC (HK) was not involved in collecting and calculating data disclosed in the *ESG Report*, or in the development of the *ESG Report*. CECEPAC (HK)'s activities of Assurance Engagement are independent from CGN New Energy. There is no relationship between CECEPAC (HK) and CGN New Energy beyond the contractual agreement for providing proper assurance service.

The assurance team of CECEPAC (HK) is composed of experienced professionals in the industry who have received professional training on the standards related to sustainable development, including *GRI Sustainability Reporting Standards* issued by Global Reporting Initiative, *AA1000AS v3*, *ESG Reporting Guide* issued by SEHK, ISO 14064, ISO 9001, etc.

The assurance team of CECEPAC (HK) has extensive experience in conducting Assurance Engagement and has sufficient understanding and capabilities of implementation of *AA1000AS v3*. Moreover, the Assurance Engagement related to sustainable development issues is carried out in line with CECEPAC (HK)'s internal assurance protocol.

II. CGN NEW ENERGY'S RESPONSIBILITIES

CGN New Energy is responsible for the preparation and presentation of the *ESG Report* in accordance with the *ESG Reporting Guide* published by SEHK. CGN New Energy is also responsible for implementing relevant internal control procedures to ensure that the contents of the *ESG Report* are free from material misstatement, whether due to fraud or error.

III. ASSURANCE PROVIDER'S RESPONSIBILITIES

CECEPAC (HK) is responsible for issuing an independent assurance statement in accordance with *AA1000AS v3* and the *ESG Reporting Guide* published by SEHK to the Board of Directors of CGN New Energy. This independent assurance statement applies solely to the *ESG Report* of CGN New Energy in the specified scope, expresses a conclusion on the assurance work, and does not serve any other intents or purposes.

CECEPAC (HK) ensures that all personnel involved in the Assurance Engagement meet professional qualification, training, and experience requirements, and are demonstrably competent in conducting Assurance Engagements. All results of assurance are internally reviewed by senior staff to ensure that methodologies used in the process are sufficiently stringent and transparent.

16 Independent Assurance Report

IV. ASSURANCE SCOPE

- The scope of the Assurance Engagement is limited to information and data in the *ESG Report* that relates to CGN New Energy and its subsidiaries only and does not include CGN New Energy's suppliers, contractors, and information or data provided by other third parties;
- AA1000AS v3 Type 2 Moderate Level of Assurance was adopted to evaluate the nature and extent of CGN New Energy's adherence to the four principles (Inclusivity, Materiality, Responsiveness and Impact) in accordance with AA1000AS v3;
- Specified performance information disclosed in the *ESG Report* was selected and agreed upon between CGN New Energy and CECEPAC (HK) for assurance. The selected specified performance information is as follows:
 - Diesel consumption
 - Water consumption – Municipal water intake
 - Smoke and dust in exhaust gas
 - Number of work-related fatalities (percentage)
- CECEPAC (HK)'s assurance work was with respect to information disclosed from 1 January 2024 to 31 December 2024. Any information disclosed in the *ESG Report* that falls outside this period is not included within the scope of the Assurance Engagement. Therefore, we do not express any conclusions on this information; and
- The scope of the Assurance Engagement is confined to the information provided by CGN New Energy only. Any queries regarding the content or related matters within this independent assurance statement should be addressed to CGN New Energy only.

V. METHODOLOGY

CECEPAC (HK) conducted Assurance Engagement for CGN New Energy and its subsidiaries, and the assurance work included:

- Evaluating the appropriateness of CGN New Energy's stakeholder engagement process;
- Conducting online interviews¹ with personnel involved with sustainability management, the preparation of the *ESG Report* and the provision of relevant information and data;
- Assessing whether the reporting and management approach for the *ESG Report* responded to the principles of Inclusivity, Materiality, Responsiveness and Impact as defined in the AA1000AS v3;
- Conducting sampling of evidence pertaining to data reliability and quality for selected specified performance information;
- Recalculating and verifying selected specified performance information;
- Assessing the degree of conformity of the *ESG Report* with the *ESG Reporting Guide*; and
- Performing other procedures we deemed necessary.

Assurance Engagement was performed and the conclusions within were based upon information and data provided by CGN New Energy to CECEPAC (HK), and on assumptions that the information provided was complete and accurate.

16 Independent Assurance Report

VI. LIMITATIONS

The absence of a significant body of established practice on which to draw to evaluate and measure non-financial information allows for different, but acceptable, measures and measurement techniques and can affect comparability between entities.

VII. CONCLUSIONS

In accordance with the principles of Inclusivity, Materiality, Responsiveness and Impact in the AA1000AS v3, and the conformity of the *ESG Report* with the *ESG Reporting Guide*, our findings and conclusions are as follows:

Inclusivity

CGN New Energy has identified key stakeholders, and continuously understood the expectations and concerns of key stakeholders in various ways of communication. In our professional opinion, CGN New Energy adheres to the Principle of Inclusivity.

Materiality

CGN New Energy has conducted a materiality assessment for its *ESG Report* and collected the opinions of some key stakeholders. Appropriate methods were used to identify material topics, and the materiality assessment process was disclosed in the *ESG Report* with the materiality of the topics presented in a matrix. In our professional opinion, CGN New Energy adheres to the Principle of Materiality.

Responsiveness

CGN New Energy has established routine communication channels for its key stakeholders to understand their expectations and concerns, and has relevant mechanisms in place to respond to concerns raised by key stakeholders. Moreover, CGN New Energy has identified material topics and responded to stakeholders' requests for information. In our professional opinion, CGN New Energy adheres to the Principle of Responsiveness.

Impact

CGN New Energy has included "Impacts on assessment and decision making of part of key stakeholders" and "Impacts of the Group on the economy, environment and people (including human rights)" as two dimensions in its materiality assessment, so that the content of the *ESG Report* can reflect its impacts on economy, environment, and society to the maximum extent. In our professional opinion, CGN New Energy adheres to the Principle of Impact.

Specified Performance Information

Based on the assurance procedures that CECEPAC (HK) has performed and the evidence we have obtained, no specific issue has come to our attention that causes us to believe that the disclosures of selected specified performance information of the *ESG report* is unreliable or unqualified.

16 Independent Assurance Report

SEHK's ESG Reporting Guide

The general disclosure and key performance indicators of the environmental and social aspects in the ESG Report, in all material respects, have been disclosed in accordance with the "Comply or Explain" Provisions of the ESG Reporting Guide issued by SEHK. The governance structure, reporting principles and reporting boundary have also been disclosed in accordance with the mandatory disclosure requirements in alignment with the ESG Reporting Guide. CGN New Energy has disclosed the process and the result of the materiality assessment; has described objectively the impact of its business; and has calculated and disclosed relevant environmental and social data. Our assurance findings and comments on the ESG Report have been either adopted or explained by CGN New Energy prior to the issuance of this independent assurance statement.



14th April 2025
Hong Kong SAR, China

Appendix I Laws and Regulations with Significant Impact on the Group which the Group has Complied with during the Reporting Period

The laws and regulations ²⁶ corresponding to the contents of ESG Reporting Guide		Compliance by the Group
A. Environment		
Aspect A1: Emissions		
Mainland China	<i>Environmental Protection Law of the People's Republic of China</i> <i>Atmospheric Pollution Prevention and Control Law of the People's Republic of China</i> <i>Environmental Protection Tax Law of the People's Republic of China</i> <i>Regulation on the Implementation of the Environmental Protection Tax Law of the People's Republic of China</i> <i>Law of the People's Republic of China on Prevention and Control of Water Pollution</i> <i>Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes</i>	During the Reporting Period, the Group did not violate any laws and regulations related to atmospheric emissions, discharges into water and land, generation of hazardous and non-hazardous waste, and mitigation of noise listed in "Appendix I" to the Report.
Hong Kong	<i>Water Pollution Control Ordinance</i> <i>Waste Disposal Ordinance</i>	
Korea	<i>Clean Air Conservation Act</i> <i>Noise and Vibration Control Act</i> <i>Water Quality and Aquatic Ecosystem Conservation Act</i> <i>Wastes Control Act</i> <i>Act on the Promotion of Saving and Recycling of Resources</i> <i>Environmental Impact Assessment Act</i>	

²⁶ The operation of the Group is in compliance with laws and regulations, including but not limited to those listed in Appendix I.

Appendix I Laws and Regulations with Significant Impact on the Group which the Group has Complied with during the Reporting Period

The laws and regulations ²⁶ corresponding to the contents of ESG Reporting Guide		Compliance by the Group
B. Social		
Aspect B1: Employment		
Mainland China	<i>Labor Law of the People's Republic of China²⁷</i> <i>Labor Contract Law of the People's Republic of China</i> <i>Regulation on the Implementation of the Employment Contract Law of the People's Republic of China</i> <i>Social Insurance Law of the People's Republic of China</i> <i>Regulation on Paid Annual Leave for Employees</i> <i>Law of the People's Republic of China on the Protection of Women's Rights and Interests²⁸</i> <i>Law of the People's Republic of China on the Protection of Minors²⁹</i> <i>Labor Dispute Mediation and Arbitration Law of the People's Republic of China</i> <i>Regulation on the Administration of Foreign Labor Cooperation</i> <i>Law of the People's Republic of China on the Protection of Disabled Persons</i> <i>Regulation on the Employment of the Disabled</i>	During the Reporting Period, the Group did not violate any laws and regulations related to remuneration and dismissal, recruitment and promotion, working hours, rest periods, equal opportunities, diversity, anti-discrimination, and other benefits and welfare listed in "Appendix I" to the Report.
Hong Kong	<i>Employment Ordinance³⁰</i> <i>Employees' Compensation Ordinance</i> <i>Minimum Wage Ordinance</i>	
Korea	<i>Labor Standard Act</i> <i>Fair Hiring Procedure Act</i> <i>Employment Insurance Act</i> <i>Employment Security Act</i> <i>Framework Act on Employment Policy</i>	

²⁷ To avoid repetitive statement, the laws and regulations also apply to "Aspect B2" and "Aspect B4" in this appendix.

²⁸ To avoid repetitive statement, the laws and regulations also apply to "Aspect B4" in this appendix.

²⁹ To avoid repetitive statement, the laws and regulations also apply to "Aspect B4" in this appendix.

³⁰ To avoid repetitive statement, the laws and regulations also apply to "Aspect B4" in this appendix.

Appendix I Laws and Regulations with Significant Impact on the Group which the Group has Complied with during the Reporting Period

The laws and regulations ²⁶ corresponding to the contents of ESG Reporting Guide		Compliance by the Group
Aspect B2: Health and Safety		
Mainland China	<i>Workplace Safety Law of the People's Republic of China</i> <i>Provisions on the Supervision and Administration of Occupational Health at Workplace</i> <i>Fire Protection Law of the People's Republic of China</i> <i>Law of the People's Republic of China on the Prevention and Control of Occupational Diseases</i> <i>Regulation on Work-Related Injury Insurance</i> <i>Labor Insurance Regulations of the People's Republic of China</i>	During the Reporting Period, the Group did not violate any laws and regulations related to providing a safe working environment and protecting employees from occupational hazards listed in "Appendix I" to the Report.
Hong Kong	<i>Occupational Safety and Health Ordinance</i>	
Korea	<i>Occupational Safety and Health Act</i> <i>Act on Fire Prevention and Installation, Maintenance, and Safety Control of Fire-Fighting Systems</i> <i>Industrial Accident Compensation Insurance Act</i>	
Aspect B4: Labor Standards		
Mainland China	<i>Provisions on the Prohibition of Using Child Labor</i>	During the Reporting Period, the Group did not violate any laws and regulations related to preventing child labor and forced labor listed in "Appendix I" to the Report.
Korea	<i>Child Welfare Act</i>	
Aspect B6: Product Responsibility		
Mainland China	<i>Trademark Law of the People's Republic of China</i> <i>Standardization Law of the People's Republic of China</i> <i>Regulations for the Implementation of the Standardization Law of the People's Republic of China</i> <i>Tort Law of the People's Republic of China</i> <i>Patent Law of the People's Republic of China</i>	During the Reporting Period, the Group did not violate any laws and regulations related to privacy matters relating to products and services and methods of redress listed in "Appendix I" to the Report. Due to the business nature of the Group, issues relating to health and safety, advertising and labelling concerning the supplied electricity are not applicable to the Group.
Korea	<i>Electric Utility Act</i>	
Aspect B7: Anti-corruption		
Mainland China	<i>Criminal Law of the People's Republic of China</i> <i>Anti-Unfair Competition Law of the People's Republic of China</i> <i>Law of the People's Republic of China on Bid Invitation and Bidding</i> <i>Anti-Money Laundering Law of the People's Republic of China</i>	During the Reporting Period, the Group did not violate any laws and regulations related to bribery, extortion, fraud and money laundering listed in "Appendix I" to the Report.
Hong Kong	<i>Prevention of Bribery Ordinance</i>	
Korea	<i>Unfair Competition Prevention and Trade Secret Protection Act</i>	

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Mandatory disclosure requirements set out by the <i>ESG Reporting Guide</i> of the Stock Exchange		Location of Disclosure or Remarks
Governance Structure	<p>A statement from the board containing the following elements:</p> <ul style="list-style-type: none"> (i) a disclosure of the board's oversight of ESG issues; (ii) the board's ESG management approach and strategy, including the process used to evaluate, prioritize and manage material ESG-related issues (including risks to the issuer's businesses); and (iii) how the board reviews progress made against ESG-related goals and targets with an explanation of how they relate to the issuer's businesses. 	<p>Corporate Governance -Governance Structure Corporate Governance – Risk Management</p>
Reporting Principles	<p>A description of, or an explanation on, the application of the following Reporting Principles in the preparation of the ESG report:</p> <p>Materiality: The ESG report should disclose: (i) the process to identify and the criteria for the selection of material ESG factors; (ii) if a stakeholder engagement is conducted, a description of significant stakeholders identified, and the process and results of the issuer's stakeholder engagement.</p> <p>Quantitative: Information on the standards, methodologies, assumptions and/or calculation tools used, and source of conversion factors used, for the reporting of emissions/energy consumption (where applicable) should be disclosed.</p> <p>Consistency: The issuer should disclose in the ESG report any changes to the methods or KPIs used, or any other relevant factors affecting a meaningful comparison.</p>	About the Report – Reporting Standard
Reporting Boundary	A narrative explaining the reporting boundaries of the ESG report and describing the process used to identify which entities or operations are included in the ESG report. If there is a change in the scope, the issuer should explain the difference and reason for the change.	About the Report – Reporting Period and Boundary

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
A. Environment Aspect		
Aspect A1: Emissions		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Green Operation – Green Management System, Monitoring and Management Mechanism for Emission and Discharge
KPI A1.1	The types of emissions and respective emissions data.	Comprehensive Performance
KPI A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Comprehensive Performance
KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Comprehensive Performance
KPI A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Comprehensive Performance
KPI A1.5	Description of emission target(s) set and steps taken to achieve them.	Green operation – Green Management System, Monitoring and Management Mechanism for Emission and Discharge
KPI A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Green operation – Green Management System, Monitoring and Management Mechanism for Emission and Discharge

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
Aspect A2: Use of Resources		
General Disclosure	Policies on the efficient use of resources, including energy, water and other raw materials.	Green Operation – Use of Natural Resources
KPI A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	Comprehensive Performance
KPI A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Comprehensive Performance
KPI A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Green Operation – Green Management System, Use of Natural Resources
KPI A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and results achieved.	Green Operation – Green Management System, Use of Natural Resources
KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	This indicator is not applicable to the Group due to the Group's business nature
Aspect A3: The Environmental and Natural Resources		
General Disclosure	Policies on minimizing the issuer's significant impact on the environment and natural resources.	Green Operation – Use of Natural Resources
KPI A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Green Operation – Use of Natural Resources
Aspect A4: Climate Change		
General Disclosure	Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.	Green Operation – Addressing Climate Change
KPI A4.1	Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	Green Operation – Addressing Climate Change

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
B. Social		
Employment and Labor Practices		
Aspect B1: Employment		
General Disclosure	Information on:	Caring for Employees – Employee Management
	(a) the policies; and	
	(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	
KPI B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group and geographical region.	Comprehensive Performance
KPI B1.2	Employee turnover rate by gender, age group and geographical region.	Comprehensive Performance
Aspect B2: Health and Safety		
General Disclosure	Information on:	Caring for Employees – Occupational Health and Safety
	(a) the policies; and	
	(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	
KPI B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Comprehensive Performance
KPI B2.2	Lost days due to work injury.	Comprehensive Performance
KPI B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Caring for Employees – Occupational Health and Safety

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
Aspect B3: Development and Training		
General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.	Caring for Employees – Talent Nurturing
KPI B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Comprehensive Performance
KPI B3.2	The average training hours completed per employee by gender and employee category.	Comprehensive Performance
Aspect B4: Labor Standards		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labor.	Caring for Employees – Employee Management
KPI B4.1	Description of measures to review employment practices to avoid child and forced labor.	Caring for Employees – Employee Management
KPI B4.2	Description of steps taken to eliminate such practices when discovered.	Caring for Employees – Employee Management
Operating Practices		
Aspect B5: Supply Chain Management		
General Disclosure	Policies on managing environmental and social risks of the supply chain.	Business Operation – Supply Chain Management
KPI B5.1	Number of suppliers by geographical region.	Comprehensive Performance
KPI B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Business Operation – Supply Chain Management
KPI B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Business Operation -Supply Chain Management
KPI B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Business Operation – Supply Chain Management

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
Aspect B6: Product Responsibility		
General Disclosure	Information on:	Business Operation; Due to the nature of the Group's business, the health and safety, advertising and labeling of electricity provided are not applicable to the Group
	(a) the policies; and	
	(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	
KPI B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	This indicator is not applicable to the Group due to the Group's business nature
KPI B6.2	Number of products and service related complaints received and how they are dealt with.	The principal business of the Group is mainly power generation and does not involve direct contact with end-users of the electricity, thus this indicator is not applicable to the Group
KPI B6.3	Description of practices relating to observing and protecting intellectual property rights.	Business Operation – Intellectual Property Rights and Privacy
KPI B6.4	Description of quality assurance process and recall procedures.	Business Operation-Operational Quality Assurance; These recall procedures are not applicable to the Group due to the Group's business nature
KPI B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Business Operation – Intellectual Property Rights and Privacy

Appendix II Content Index of the ESG Reporting Guide of the Stock Exchange

Subject Areas, Aspects, General Disclosures and Key Performance Indicators (KPIs)		Location of Disclosure or Remarks
Aspect B7: Anti-corruption		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	Corporate Governance – Anti-corruption and Integrity
KPI B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the Reporting Period and the outcomes of the cases.	Comprehensive Performance
KPI B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Corporate Governance – Anti-corruption and Integrity
KPI B7.3	Description of anti-corruption training provided to directors and staff.	Corporate Governance – Anti-corruption and Integrity
Community		
Aspect B8: Community Investment		
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	Giving Back to the Society
KPI B8.1	Focus areas of contribution (e.g. education, environmental concerns, labor needs, health, culture, sport).	Giving Back to the Society
KPI B8.2	Resources contributed (e.g. money or time) to the focus area.	Comprehensive Performance

Appendix III Content Index of GRI Sustainability Reporting Standards

Sustainability reporting standards	General Disclosure		Reference/explanation/ reasons for omission	Page
GRI 2: General Disclosures 2021	Organization and its reporting practices			
	2-1	Organizational details	About CGN New Energy; 2024 Annual Report – Corporate Information	8
	2-2	Entities included in the organization's sustainability reporting	About the Report	3
	2-3	Reporting Period, frequency and contact point	About the Report; The ESG report of the Group is issued every year, the Reporting Period is consistent with the financial report, and the Report is issued in April, 2025	3
	2-4	Restatements of information	The Company has no restatements during the Reporting Period.	–
	2-5	External assurance	Independent Assurance Report	106-109
	Activities and workers			
	2-6	Activities, value chain and other business relationships	About CGN New Energy; Supply Chain Management; There is no major change in the location of the supplier, the supply chain structure or the relationship with the supplier	8; 84-86
	2-7	Employees	Comprehensive Performance – Caring for Employees	99-100
	2-8	Workers who are not employees	The Company has no workers outside of its employees	–

Appendix III Content Index of GRI Sustainability Reporting Standards

Sustainability reporting standards	General Disclosure	Reference/explanation/reasons for omission	Page
	Governance		
2-9	Governance structure and composition	Corporate Governance – Governance Structure; 2024 Annual Report – Corporate Governance Report	28-29
2-10	Nomination and selection of the highest governance body	2024 Annual Report – Corporate Governance Report	–
2-11	Chair of the highest governance body	2024 Annual Report – Corporate Governance Report	–
2-12	Role of the highest governance body in overseeing the management of impacts	2024 Annual Report – Corporate Governance Report – Risk Management and Internal Control	–
2-13	Delegation of responsibility for managing impacts	The Board of the Company is directly responsible for the ESG report, the Safety, Quality and Environmental Department is responsible for the environmental impact, the Human Resource Department is responsible for the human impact, and the Planning and Operation Department is responsible for the economic impact. Each department has a leader which leads under senior management; The Company has quarterly business analysis meetings and annual work meetings	–
2-14	Role of the highest governance body in sustainability reporting	The Board of the Company is responsible for reviewing and approving the information reported through the <i>Temporary Information Disclosure Management Measures</i> , <i>Insider Information Policy System</i> , the <i>Policy for Transactions Requiring Disclosure</i> and the <i>Related Party Transaction Management Procedures and Systems</i>	–

Appendix III Content Index of GRI Sustainability Reporting Standards

Sustainability reporting standards	General Disclosure	Reference/explanation/ reasons for omission	Page
	2-15 Conflicts of interest	<p>The Board of the Company signs a confirmation letter every six months to disclose whether there is any interest in the competitive business; 2024 Annual Report -Corporate Information, Report of the Directors;</p> <p>During the Reporting Period, the Company did not violate any laws or regulations related to conflicts of interest.</p>	–
	2-16 Communication of critical concerns	<p>The Group communicates important concerns to the directors through the <i>Reporting Policy System</i>. They turn material problems into issues for discussion by the Board. During the Reporting Period, two major concerns will be communicated to the Board</p>	–
	2-17 Collective knowledge of the highest governance body	<p>Corporate Governance – Governance Structure; The Board has engaged a third party for ESG training</p>	29
	2-18 Evaluation of the performance of the highest governance body	<p>2024 Annual Report – Corporate Governance Report</p>	–
	2-19 Remuneration policies	<p>The remuneration structure of the members of the Board and senior executives of the Company includes a basic annual salary, annual performance-based bonus, the incentive for service terms, etc. The annual performance-based bonus and incentive for service term shall be paid according to the performance assessment results; Unified performance and salary mechanism is implemented for those impacts of salary policy and management on the economy, environment and people</p>	–

Appendix III Content Index of GRI Sustainability Reporting Standards

Sustainability reporting standards	General Disclosure	Reference/explanation/reasons for omission	Page
	2-20	Process to determine remuneration	–
		The Remuneration Committee of the Board of the Company supervises the remuneration policy and determines that the shareholders perform the decision-making function on the remuneration policy through the Board. After the approval of the Board, the management personnel sign the agreement through the tenure contract. Employees are subject to overall performance management and are paid according to the assessment results	
	2-21	Annual total compensation ratio	–
		2024 Annual Report – Notes to the Consolidated Financial Statements – Individuals with the highest emoluments	
	Strategy, Policy and Practice		
	2-22	Statement on sustainable development strategy	Chairman's Statement 4-5
	2-23	Policy commitments	Not applicable, the Group has no policy commitment to responsible business conduct –
	2-24	Embedding policy commitments	Not applicable. The Group has no policy commitment to responsible business conduct –
	2-25	Process to remediate negative impacts	Corporate Governance – Risk Management 39

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Sustainability reporting standards	General Disclosure		Reference/explanation/ reasons for omission	Page
	2-26	Mechanisms for seeking advice and raising concerns	Corporate Governance – Anti-Corruption and Integrity	30-32
	2-27	Compliance with laws and regulations	During the Reporting Period, the Group was not imposed with large fines or non-monetary sanctions for violating relevant laws or regulations	–
	2-28	Membership associations	CGN New Energy's Jiangsu Branch is a member of the Jiangsu Renewable Energy Industry Association; CGN New Energy's Anhui Branch is a member of the Anhui Power Industry Association; CGN New Energy is a member of the China Enterprises Association in Hong Kong, the Hong Kong Listed Companies Association, and the Hong Kong General Chamber of Commerce	–
	Stakeholder engagement			
	2-29	Approach to stakeholder engagement	Stakeholder Engagement and Materiality Assessment	21-23
	2-30	Collective bargaining agreements	100% of employees are covered by the collective bargaining agreement of the Group	–
GRI 3: Material Topics 2021	3-1	Process to determine material topics	Stakeholder Engagement and Materiality Assessment	24-26
	3-2	List of material topics	Stakeholder Engagement and Materiality Assessment	24-26

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Sustainability reporting standards	General Disclosure		Reference/explanation/ reasons for omission	Page
Technological R&D and innovation				
GRI 3: Material Topics 2021	3-3	Management of material topics	Feature Article	16-20
Risk management and internal control				
GRI 3: Material Topics 2021	3-3	Management of material topics	Corporate Governance – Risk Management	32-36
Response to national strategy				
GRI 3: Material Topics 2021	3-3	Management of material topics	Giving Back to the Society – Rural Revitalization, Supporting Educational Development Green Operation – Addressing Climate Change	89-92; 60-68
Social and economic compliance				
GRI 3: Material Topics 2021	3-3	Management of material topics	Corporate Governance – Governance Structure	28-29
Environmental responsibility in power generation				
GRI 3: Material Topics 2021	3-3	Management of material topics	Green Operation	43-68
Renewable energy opportunities				
GRI 3: Material Topics 2021	3-3	Management of material topics	Corporate Governance – Use of Natural Resources	56
Stable energy supply				
GRI 3: Material Topics 2021	3-3	Management of material topics	Business Operation – Operational Quality Assurance	86-87

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Sustainability reporting standards	General Disclosure	Reference/explanation/ reasons for omission	Page
Environmental management measures and compliance			
GRI 3: Material Topics 2021	3-3 Management of material topics	Green Operation – Green Management System	44-48
Employee remuneration and promotion mechanism			
GRI 3: Material Topics 2021	3-3 Management of material topics	Caring for Employee – Employment Management	71-73
Financial performance and investor interests			
GRI 3: Material Topics 2021	3-3 Management of material topics	Corporate Governance – Risk Management	37
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	2024 Annual Report – Notes to the Consolidated Financial Statements – Note 4 Revenue and segment information	–
	201-2 Financial implications and other risks and opportunities due to climate change	Green Operation – Addressing Climate Change	60-68
	201-3 Defined benefit plan obligations and other retirement plans	The Group has implemented the enterprise annuity plan – <i>Group Enterprise Annuity Management Measures</i>	–
	201-4 Financial assistance received from government	2024 Annual Report – Notes to the Consolidated Financial Statements – Note 33 Government grants	–

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Sustainability reporting standards	General Disclosure		Reference/explanation/ reasons for omission	Page
Energy Use and Efficiency				
GRI 3: Material Topics 2021	3-3	Management of material topics	Green Operation – Use of Resources	55-56
GRI 302: Energy 2016	302-1	Energy consumption within the organization	Comprehensive Performance	97
	302-2	Energy consumption outside of the organization	Comprehensive Performance	97
	302-3	Energy intensity	Comprehensive Performance	97
	302-4	Reduction of energy consumption	Comprehensive Performance	97
	302-5	Reductions in energy requirements of products and services	The Group’s business is mainly renewable energy power generation, this item is not applicable	–

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Sustainability reporting standards	General Disclosure	Reference/explanation/ reasons for omission	Page
Project-related protection of the ecological environment and natural resources			
GRI 3: Material Topics 2021	3-3	Management of material topics	Green Operation – Use of Natural Resources 59
GRI 304: Biodiversity 2016	304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Green Operation – Use of Natural Resources 59
	304-2	Significant impacts of activities, products and services on biodiversity	Green Operation – Use of Natural Resources 59
	304-3	Habitats protected or restored	The Group has implemented ecological and environmental protection under the concept of “Lucid Waters and Lush Mountains are Invaluable Assets”. In addition to following the national direction, the Group also offered internal guidance to monitor the environment and manage projects in the early, middle and later stages, as well as during the trial and use. The Group also cooperates with researchers to balance development and the environment; Green Operation – Use of Natural Resources –
	304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	This item is not applicable because it has no significant relationship with material issues –
Employment and employee benefit			
GRI 3: Material Topics 2021	3-3	Management of material topics	Caring for Employees – Employment Management 70-73
GRI 401: Employment 2016	401-1	New employee hires and employee turnover	Comprehensive Performance 100-101
	401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Full-time employees in China have endowment insurance, medical insurance (including maternity insurance), unemployment insurance, industrial injury insurance, etc. in the scope of social insurance, as well as supplementary medical insurance of the Group –
	401-3	Parental leave	Caring for Employees – Employment Management 72

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Sustainability reporting standards	General Disclosure		Reference/explanation/reasons for omission	Page
Employee Occupational Health and Safety				
GRI 3: Material Topics 2021	3-3	Management of material topics	Caring for Employees -- Occupational Health and Safety	74-80
GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety management system	Caring for Employees – Occupational Health and Safety; The occupational safety management system covers all workers, activities and workplaces	74-80
	403-2	Hazard identification, risk assessment, and incident investigation	Caring for Employees – Occupational Health and Safety	74-80
	403-3	Occupational health services	Caring for Employees – Occupational Health and Safety	74-80
	403-4	Worker participation, consultation, and communication on occupational health and safety	Caring for Employees – Occupational Health and Safety	74-80
	403-5	Worker training on occupational health and safety	Caring for Employees – Occupational Health and Safety	74-80
	403-6	Promotion of worker health	Caring for Employees – Occupational Health and Safety	74-80
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Caring for Employee – Occupational Health and Safety	74-80
	403-8	Workers covered by an occupational health and safety management system	Comprehensive Performance	103
	403-9	Work-related injuries	Comprehensive Performance	102
	403-10	Work-related ill health	Comprehensive Performance	102

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Sustainability reporting standards	General Disclosure		Reference/explanation/ reasons for omission	Page
Service Quality Assurance				
GRI 3: Material Topics 2021	3-3	Management of material topics	Business Operation – Operational Quality Assurance	86-87
GRI 416: Customer Health and Safety 2016	416-1	Assessment of the health and safety impacts of product and service categories	The Group's main business is power generation, and it does not directly interact with electricity users; therefore, this item is not applicable to the Group.	–
	416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	No violations of regulations were identified in 2024.	–
GRI 418: Customer Privacy 2016	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	No complaints regarding customer privacy violations or loss of customer data were received in 2024.	–

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Disclosure content	Disclose location or remarks
Basic corporate and reporting information	About the Report; About CGN New Energy
ESG management	Corporate Governance – Governance Framework
ESG Risks and Opportunities	Corporate Governance – Risk Management
Stakeholder communication	Stakeholder Engagement and Materiality Assessment – Communication with Stakeholders
Substantive issues assessment	Stakeholder Engagement and Materiality Assessment – Materiality Assessment

Primary index	Secondary index	Three-level index	Disclose location or remarks
Environmental category index			
E.1 Resource consumption	E.1.1 Water resource	E.1.1.1 Fresh water usage	Comprehensive performance
		E.1.1.2 Circulating water consumption	Comprehensive performance
		E.1.1.3 Proportion of circulating water consumption	Comprehensive performance
		E.1.1.4 Intensity of water resources consumption	Comprehensive performance
	E.1.2 Materials	E.1.2.1 Consumption of non-renewable materials	The Company has not yet counted the consumption of non-renewable materials
		E.1.2.2 Consumption of toxic and harmful materials	Comprehensive performance
		E.1.2.3 Material consumption intensity inapplicability	Comprehensive performance
	E.1.3 Energy	E.1.3.1 Fossil energy consumption	Comprehensive performance
		E.1.3.2 Non-fossil energy consumption	The Company has not yet separately calculated the non-fossil energy consumption of the listed platform projects
		E.1.3.3 Proportion of non-fossil energy use	Not applicable
		E.1.3.4 Total energy consumption	Comprehensive performance
		E.1.3.5 Energy consumption intensity	Comprehensive performance
	E.1.4 Packaging materials	E.1.4.1 Usage of packaging materials	Due to the nature of the Group's business, this item is not applicable to the Group
		E.1.4.2 Lightweight reduction of packaging materials	Due to the nature of the Group's business, this item is not applicable to the Group

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Primary index	Secondary index	Three-level index	Disclose location or remarks
E.2 Pollution control	E.2.1 Wastewater	E.2.1.1 Status of wastewater discharge up to standard	Green Operation – Monitoring and Management Mechanism for Emission and Discharge
		E.2.1.2 Wastewater management and emission reduction measures	Green Operation – Monitoring and Management Mechanism for Emission and Discharge
		E.2.1.3 Effluent discharge	Comprehensive performance
		E.2.1.4 Discharge of pollutants in wastewater	The Company's discharge of wastewater pollutants complies with national regulatory requirements or industry standards
		E.2.1.5 Pollutant discharge concentration in wastewater	The concentration of wastewater pollutants discharged by the Company complies with national regulatory requirements or industry standards
	E.2.2 Exhaust gases	E.2.2.1 Status of exhaust gas emission compliance	Green Operation – Monitoring and Management Mechanism for Emission and Discharge
		E.2.2.2 Emission of exhaust gas pollutants	Comprehensive Performance
		E.2.2.3 Emission concentration of exhaust gas pollutants	Green Operation – Monitoring and Management Mechanism for Emission and Discharge
	E.2.3 Solid waste	E.2.3.1 Legal and compliance status of solid waste disposal	Green Operations – Monitoring and Management Mechanism for Emission and Discharge
		E.2.3.2 General industrial solid waste Management	Green Operation – Monitoring and Management Mechanism for Emission And Discharge
		E.2.3.3 Disposal amount of general industrial solid waste	Comprehensive Performance
		E.2.3.4 Hazardous waste management	Green Operation – Monitoring And Management Mechanism For Emission And Discharge
		E.2.3.5 Amount of hazardous waste to be disposed of	Comprehensive Performance

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Primary index	Secondary index	Three-level index	Disclose location or remarks
E.3 Climate change	E.3.1 Greenhouse gas emissions	E.3.1.1 Sources and types of greenhouse gases	Green Operation – Addressing Climate Change; Comprehensive Performance
		E.3.1.2 Management of greenhouse gas emissions	Green Operation – Monitoring And Management Mechanism For Emission And Discharge
		E.3.1.3 Scope 1 emission	Comprehensive performance
		E.3.1.4 Scope 2 emission	Comprehensive performance
		E.3.1.5 Scope 3 emission	Green Operation – Addressing Climate Change
		E.3.1.6 Greenhouse gas emission intensity in future Reporting Periods	Comprehensive Performance
	E.3.2 Emission reduction management	E.3.2.1 Greenhouse gas emission reduction management	Green Operation – Monitoring And Management Mechanism For Emission And Discharge, Addressing Climate Change
		E.3.2.2 Greenhouse gas emission reduction	Comprehensive Performance
	E.3.3 Environmental rights transactions	E.3.3.1 Participation in the carbon emission trading market	Green operation – Green Management System
		E.3.3.2 Participation in the energy, water and emission trading markets	The Company does not participate in the trading of energy use rights, water rights and emission rights
		E.3.3.3 Participation in green electricity trading	Green Operation – Addressing Climate Change
	E.3.4 Climate risk management	E.3.4.1 Climate risk management	Green Operation – Addressing Climate Change

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Primary index	Secondary index	Three-level index	Disclose location or remarks
E.4 Biodiversity	E.4.1 Impacts of production, services and products on biodiversity	E.4.1.1 Impacts of production, services and products on biodiversity	Green Operation – Use of Natural Resources
E.5 Resource and environmental management system measures	E.5.1 Formulation of low-carbon development goals and strategic measures	E.5.1.1 Formulation of low-carbon development goals and strategic measures	Green Operation – Addressing Climate Change
	E.5.2 Resource management measures	E.5.2.1 Management of water resources use	Green Operation – Green Management System Green Operation – Use of Natural Resources
		E.5.2.2 Material use management	At present, the main materials of the Company are equipment spare parts and hazardous waste; Green Operation – Monitoring and Management Mechanism for Emission And Discharge
		E.5.2.3 Energy use and energy conservation management	Green Operation – Green Management System; Green Operation – Use of Natural Resources
	E.5.3 Statistical monitoring and assessment reward and punishment system for energy conservation and carbon reduction	E.5.3.1 Monitoring, statistical reporting and assessment system for energy conservation and carbon reduction	Green Operation – Addressing Climate Change
	E.5.4 Green environmental actions and measures	E.5.4.1 Cleaner production	Green Operation
		E.5.4.2 Green technological innovation and recycling	Green Operation – Green Management System; Green Operations – Use of Natural Resources
		E.5.4.3 Green building renovation	The Company does not purchase equipment with energy efficiency lower than the access level when purchasing, and gives priority to purchasing equipment with Level 1 energy efficiency
		E.5.4.4 Green office and operation	Green Operation
		E.5.4.5 Green procurement and green supply chain management	Business Operation – Supply Chain Management
		E.5.4.6 Environmental public welfare activities	Green Operation – Addressing Climate Change

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Primary index	Secondary index	Three-level index	Disclose location or remarks
	E.5.5 Green and low-carbon certification	E.5.5.1 Environmental management system certification	Green Operation – Green Management System
		E.5.5.2 Green and low-carbon enterprise certification	Most of the projects of the Company are wind power and photovoltaic projects, which belong to green and low-carbon projects, and do not involve green and low-carbon enterprise certification
		E.5.5.3 Certification of green and low-carbon products and services	Green Operation – Addressing Climate Change
	E.5.6 Legal compliance in the environmental field	E.5.6.1 Emergency plan for environmental emergencies	Green Operation – Green Management System; The Company publishes environmental management plans every year, and carries out investigation and treatment of hidden environmental risks according to the plan
		E.5.6.2 Violations of laws and regulations in the environmental field	The Company has no illegal activities in the field of ecological environment

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Primary index	Secondary index	Three-level index	Disclose location or remarks
Social category indicator			
S1 Employee rights	S1.1 Staff recruitment and employment	S1.1.1 Recruitment policy and implementation	Caring for Employees – Employment Management
		S1.1.2 Staff structure	Comprehensive Performance
		S1.1.3 Avoid employing child or forced labor	Caring for Employees – Employment Management
	S1.2 Employee compensation and benefits	S1.2.1 Compensation concept and policy	Caring for Employees – Employment Management
		S1.2.2 Working hours and rest and leave	Caring for Employees – Employment Management
		S1.2.3 Compensation and welfare guarantee	Caring for Employees – Employment Management
		S1.2.4 Democratic management of employees	Caring for Employees – Employment Management
	S1.3 Employee health and safety	S1.3.1 Occupational health and safety management of employees	Caring for Employees – Occupational Health and Safety
		S1.3.2 Employee safety risk prevention and control	Caring for Employees – Occupational Health and Safety
		S1.3.3 Response to safety accidents and work-related injuries	Caring for Employees – Occupational Health and Safety; Comprehensive Performance
		S1.3.4 Staff care and help	Caring for Employees – Physical and Mental Health of Employees
	S1.4 Employee development and training	S1.4.1 Employee motivation and promotion policy	Caring for Employees – Employment Management
		S1.4.2 Employee education and training	Caring for Employees – Talent Nurturing
		S1.4.3 Staff career planning and job change support	Caring for Employees – Employment Management, Talent Nurturing
	S1.5 Employee satisfaction	S1.5.1 Employee satisfaction survey	Caring for Employees – Physical and Mental Health of Employees
		S1.5.2 Labor disputes	According to the <i>Labor and Employment Management System</i> of the Company, we manage our operations in accordance with relevant legal and compliance requirements, in collaboration with the Audit and Legal Department
		S1.5.3 Employee mobility	Comprehensive Performance

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Primary index	Secondary index	Three-level index	Disclose location or remarks
S2 Product and service management	S2.1 Product safety and quality	S2.1.1 Production standard management policies and measures	Caring for Employees – Occupational Health and Safety
		S2.1.2 Quality management	Business Operation – Operational Quality Assurance
		S2.1.3 Product recall and withdrawal	Due to the nature of CGN New Energy's business, this item is not applicable
		S2.1.4 Product or service negative events	Corporate Governance – Risk Management; The Company has not encountered any negative incidents related to our own products or services
	S2.2 Customer service and rights	S2.2.1 Customer satisfaction	The Group's main business is power generation and does not directly interact with electricity users; therefore, this item is not applicable to the Group
		S2.2.2 Customer complaints and handling	The Group's main business is power generation and does not directly interact with electricity users; therefore, this item is not applicable to the Group
		S2.2.3 Customer Information and privacy protection	Business Operation – Intellectual Property Rights and Privacy Protection
	S2.3 Innovative development	S2.3.1 R&D and innovation management system	Feature Article – Striving For excellence in Technological Innovation
		S2.3.2 R&D investment	Feature Article – Striving For excellence In Technological Innovation
		S2.3.3 Innovation results	Feature Article – Striving For excellence In Technological Innovation
		S2.3.4 Intellectual property protection	Business Operation – Intellectual Property Rights and Privacy Protection

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Primary index	Secondary index	Three-level index	Disclose location or remarks
S3 Supply chain security and management	S3.1 Supplier management	S3.1.1 Supplier selection and management	Business Operation – Supply Chain Management
		S3.1.2 Number and distribution of suppliers	Business Operation – Supply Chain Management; Comprehensive Performance
	S3.2 Supplier management	S3.2.1 Supply chain management policies and practices	Business Operation – Supply Chain Management
		S3.2.2 Supply chain security assurance and emergency plan	Business Operation – Supply Chain Management
		S3.2.3 Significant risks and impacts (Supply chain)	Business Operation – Supply Chain Management
S4 Social contribution	S4.1 Tax payment status	S4.1.1 Tax payment	2024 Annual Report
	S4.2 Community co-construction	S4.2.1 Policies and measures for participation in local community building	Giving Back to the Society
		S4.2.2 Contribution and impact to the local community	Giving Back to the Society
	S4.3 Social welfare activities	S4.3.1 Policies and measures for participation in social welfare activities	Giving Back to the Society
		S4.3.2 Input and effectiveness of participation in social welfare activities	Giving Back to the Society
		S4.3.3 Barrier-free environment construction	Giving Back to the Society
	S4.4 National strategic response	S4.4.1 Industrial transformation	Green Operation
		S4.4.2 Rural revitalization and coordinated regional development	Giving Back to the Society
		S4.4.3 Belt and road and overseas performance	Giving Back to the Society
		S4.4.4 Industry characteristics and performance of other social responsibilities	Giving Back to the Society

Appendix IV Content index of the ESG Special Report Reference Template for Listed Companies Holding Central Enterprises and the ESG Special Report Reference Index System for Listed Companies Holding Central Enterprises issued by SASAC

Primary index	Secondary index	Three-level index	Disclose location or remarks
Governance category indicators			
G1 Governance policy and organizational structure	G1.1 Governance policies and processes	G1.1.1 Formulation of governance policies	2024 Annual Report – Corporate Governance Report; Corporate Governance – Governance Structure
		G1.1.2 Governance policy monitoring process	2024 Annual Report – Corporate Governance Report
		G1.1.3 Governance policy approval and review process	2024 Annual Report – Corporate Governance Report
		G1.1.4 Leading party building	Corporate Governance – Guidance in Party Building
	G1.2 Organizational structure and functions	G1.2.1 Ownership responsibilities	2024 Annual Report
		G1.2.2 Organizational structure and functions of the Board of Directors, supervisory board and management	2024 Annual Report – Corporate Governance Report; Corporate Governance – Governance Structure
		G1.2.3 Appointment procedures and composition of the Board of Directors, supervisory board, and management	2024 Annual Report – Corporate Governance Report
	G1.3 Salary management	G1.3.1 Remuneration plan for directors and supervisors	2024 Annual Report – Report of the Directors; The Board and supervisors who hold administrative positions in the shareholder unit shall be paid by the shareholder unit in accordance with the remuneration system of the shareholder unit; External directors shall be paid monthly in accordance with the salary standard approved by the Board
		G1.3.2 Transparency of board compensation	2024 Annual Report – Corporate Governance Report; The remuneration of board members shall be set according to the relevant standards of shareholder units or talent market
		G1.3.3 Rationality of management compensation	Green Operation – Addressing Climate Change; The variable salary of management members is between 50% and 60% and is assessed by the Board of the Company based on the annual contract

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Primary index	Secondary index	Three-level index	Disclose location or remarks
G2 Normative governance	G2.1 Internal control	G2.1.1 Internal audit	Corporate Governance – Risk Management
		G2.1.2 Internal control structure, mechanism, and process	2024 Annual Report – Corporate Governance Report
	G2.2 Construction of integrity	G2.2.1 Integrity construction system standards	Corporate Governance – Anti-corruption and Integrity
		G2.2.2 Effectiveness of measures to build integrity	Corporate Governance – Anti-corruption and Integrity
	G2.3 Fair competition	G2.3.1 Regulation of fair competition system	2024 Annual Report – Report of the Directors
		G2.3.2 Effectiveness of fair competition measures	2024 Annual Report – Report of the Directors
G3 Investor relations management and shareholder equity	G3.1 Investor relations management	G3.1.1 Investor relations management strategy	Corporate Governance – Investor Relations
		G3.1.2 Investor communication	Corporate Governance – Investor Relations
		G3.1.3 Construction of investor relations management department	Corporate Governance – Investor Relations
	G3.2 Shareholders' equity	G3.2.1 Shareholders' (general) meeting	2024 Annual Report – Corporate Governance Report
			Corporate Governance – Investor Relations
		G3.2.2 Communication with shareholders	2024 Annual Report – Corporate Governance Report
		G3.2.3 Shareholders' right to know and participate in decision-making	2024 Annual Report – Corporate Governance Report
	G3.3 Creditor's equity	G3.3.1 Credit investigation	2024 Annual Report
		G3.3.2 Bond market performance	2024 Annual Report

Appendix IV Content index of the ESG Special Report Reference Template for Listed Companies Holding Central Enterprises and the ESG Special Report Reference Index System for Listed Companies Holding Central Enterprises issued by SASAC

Primary index	Secondary index	Three-level index	Disclose location or remarks
G4 Transparency of information disclosure	G4.1 Information disclosure system	G4.1.1 Financial information disclosure	2024 Annual Report; The Group discloses financial information annually in its annual report and the 2024 Annual Report is published in April 2025
		G4.1.2 Non-financial information disclosure	About the Report; The Group discloses non-financial information annually in the Environmental, Social and Governance Report, and the Environmental, Social and Governance Report 2024 is published in April 2025
	G4.2 Quality of information disclosure	G4.2.1 All disclosed information is regularly monitored, audited and evaluated	2024 Annual Report
G5 Compliance management and risk management	G5.1 Compliance management	G5.1.1 Compliance management system	Corporate Governance – Risk Management
		G5.1.2 Compliance system construction	Corporate Governance – Risk Management
		G5.1.3 Compliance review process	Corporate Governance – Risk Management
	G5.2 Risk management	G5.2.1 Risk identification and early warning	Corporate Governance – Risk Management
		G5.2.2 Risk control and tracking	Corporate Governance – Risk Management
		G5.2.3 Risk reporting and management	Corporate Governance – Risk Management



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