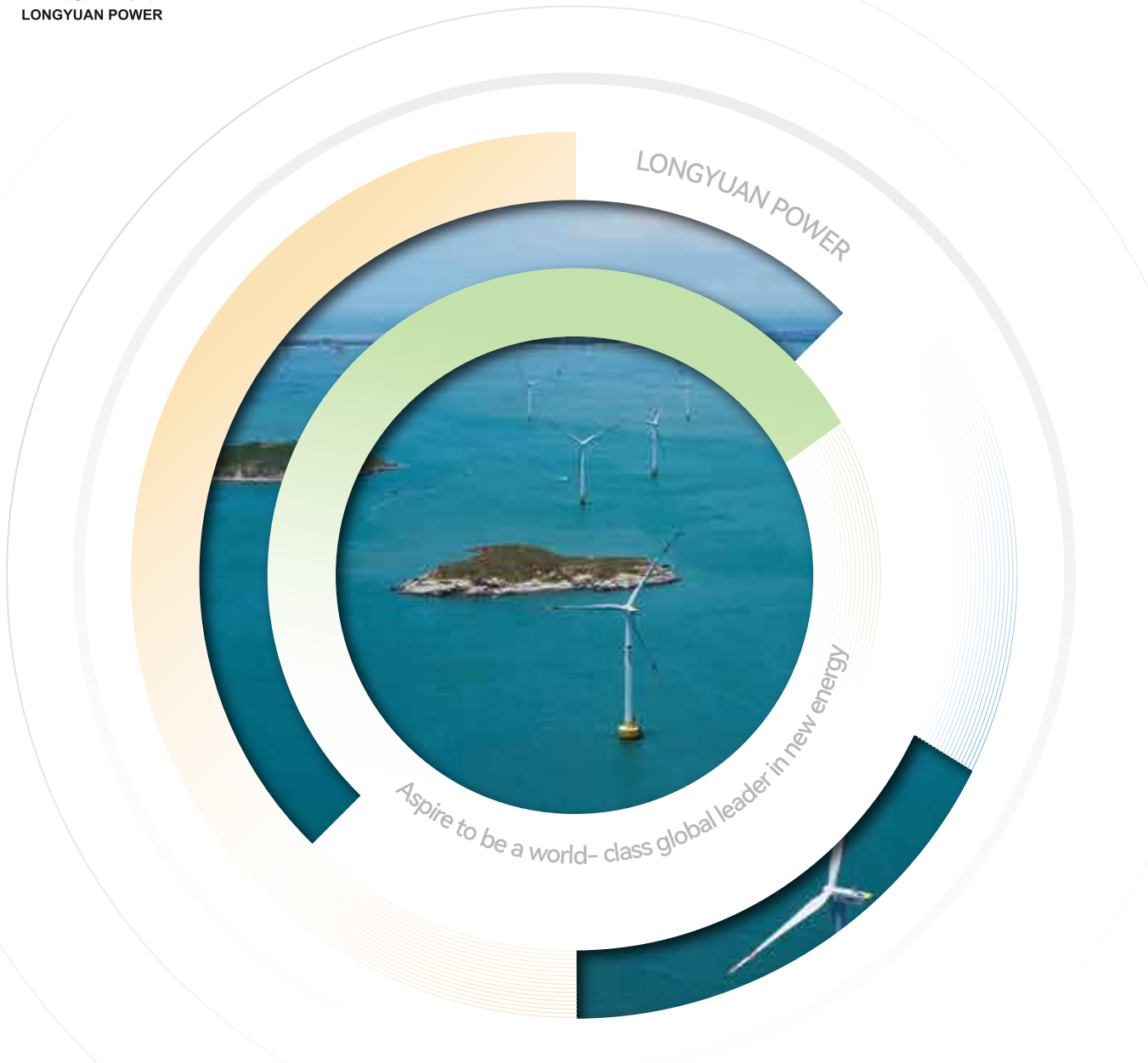




国家能源集团  
CHN ENERGY

龙源电力  
LONGYUAN POWER



# 2025 SUSTAINABILITY REPORT

CHINA LONGYUAN POWER GROUP CORPORATION LIMITED





**Global top 500 new energy enterprises**

# Contents

About This Report	04
Chairman’s Statement	06
About Longyuan Power	08
ESG Governance	14

## RESPONSIBILITY: Improve governance efficiency 21

Standardize corporate governance	22
Strengthen compliant risk control	26
Abide by business ethics	28

## GREEN: Aim at “dual carbon” target 31

Expand green power	32
Empowering with innovative technology	38

Our Commitment	84
Longyuan imprint· Contributing to United Nations SDGs Action	86
Appendix	89
Performance Appendix	89
Indicator Index	96
Assurance Report	98
Comments & Feedback	104



**NATUR:**  
Safeguard the ecology **45**

Implement climate action	46
Strengthen environmental management	57
Guard green waters and mountains	62
Improve resource efficiency	64

**TRUST:**  
Strengthen human foundation **65**

Protect employee rights and interests	66
Focus on employee development	68
Safeguard employee safety	70
Enrich spare-time life	73

**VALUE:**  
Build together synergy for growth **75**

Contribute to a better society	76
Deepen supply chain management	80
Equal treatment for small and medium-sized enterprises	82
Strengthen data security	83



# About This Report

This report is the fifteenth independent report issued by China Longyuan Power Group Corporation Limited. With the deepening of practices and the renewal of ideas, this report has been renamed to be the Sustainability Report from the Environmental, Social and Governance Report since 2024. It is also the second sustainability report issued by the Company.

## Scope of organization

This report covers China Longyuan Power Group Corporation and its subsidiaries (consistent with the scope of consolidated financial statement).

## Reporting period

This report covers the period from January 1, 2025 to December 31, 2025. In order to enhance its comparability and integrity, some information has been traced backward or forward, as appropriate.

## Name description

China Longyuan Power Group Corporation Limited is referred to as “Longyuan Power”, “we/ our” and “the Company” in this report.

## Source of information

The financial data disclosed herein are from the 2025 Annual Report of China Longyuan Power Group Corporation. Other data are all from Longyuan Power’s formal documents and statistical reports, which have been approved by the Company’s relevant departments and verified by independent third-party institutions. Unless otherwise specified, the monetary unit in this report shall be the RMB.

## Quality assurance

We guarantee the completeness, substance, balance, comparability, etc. of the report, which systematically explains Longyuan Power’s concepts, systems, behaviors, and performance in pursuing development, economy, ecology, and society. There are no false records, misleading statements, or significant omissions. We hope to improve the Company’s ESG management level, strengthen stakeholder communication, and promote sustainability of the Company through the release of the report.

## Reporting principles

This report strictly follows the requirements of the principles of “materiality”, “quantification” and “consistency” in the HKEX Environmental, Social and Governance Reporting Guide, and fully complies with the sustainable development report disclosure guidelines for listed companies of the Shenzhen Stock Exchange. With sustainable development as the core orientation, it abides by the disclosure specifications of accuracy, balance, clarity, comparability, completeness, timeliness and verifiability. We consider rating criteria at home and abroad, the latest ESG trends and the questionnaires of stakeholders to screen 24 topics in response to the “materiality” principle. By establishing an ESG indicator information system covering the Company’s headquarters and subsidiaries, we conduct full-chain traceable quantitative statistics and verification on key disclosure indicators in the report to ensure the accuracy and verifiability of disclosed data, effectively responding to the “quantification” principle. By referring to the disclosure scope of the Company’s annual reports, we adopt unified data disclosure standards and statistical methods to ensure cross-period comparability of report information and clear and understandable expression, strictly comply with disclosure timeliness requirements, accurately, completely and in a balanced manner present the Company’s ESG practice results and improvement directions, and fully respond to the “consistency” principle.

## Preparation standards

Shenzhen Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 17 – Sustainability Report (Trial)

The Environmental, Social, and Governance Reporting Guidelines of the Stock Exchange of Hong Kong Limited (the “HKEX Guidelines”)

International Sustainability Standards Board (ISSB) IFRS Sustainability Disclosure Standards

ISO 26000: Guidance on Social Responsibility (2010) of the International Organization for Standardization (ISO)

The GRI Sustainability Reporting Standards (“GRI Standards”)

The 2030 Agenda for Sustainable Development

China’s Corporate Social Responsibility Reporting Guidelines (CASS-ESG 6.0) of the Chinese Academy of Social Sciences

## Report access

This report is available in simplified Chinese, traditional Chinese and English, and published in the electronic PDF version. You can read and download it from the HKEX’s website ([www.hkexnews.hk](http://www.hkexnews.hk)), the Shenzhen Stock Exchange’s website (<https://www.szse.cn>), and the Company’s website (<http://www.clypg.com.cn/>). In case of any discrepancy, the simplified Chinese version shall prevail.

# Chairman's Statement



In 2025, China's ESG development entered a critical year marked by deepened policy implementation and the realization of practical value. With the continuous improvement of sustainability disclosure systems, the new energy industry, as a core practitioner of the "dual carbon" goal, ushered in a new development phase featuring the deep integration of environmental, social, and economic value.

As an industry leader, Longyuan Power has consistently embedded ESG principles into its corporate DNA, adhering to its green commitment amidst scale expansion and quality enhancement, and fulfilling social responsibilities through innovation, reform, and global expansion. We have been named to the Fortune China ESG Impact List for three consecutive years, and were selected for both the "2025 China ESG Listed Companies Pioneer 100" and the "2025 China ESG Pioneer 100 Central Enterprises Listed Companies" by China Media Group. Our case, "Exploring a New Model for the Natural Economy, Driving Clean and Low-Carbon Transition – The World's First Floating Offshore Wind-Fishery Integration Demonstration Project", was selected as one of the Top Ten Sustainable Development Cases by the State-owned Assets Supervision and Administration Commission (SASAC) and was released at the 30th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP30).

**Building a Foundation with Clean Energy, Seizing Development Opportunities.** Closely following industry trends, we deeply integrated our operations into the national energy strategy. Focusing on high-quality development, we continuously consolidated our advantages in clean energy deployment. Throughout the year, we secured new energy development quotas totaling 8.63 GW, and new energy installed capacity reached 45,994.29MW. We achieved a record

high in securing offshore wind power resources, marking breakthroughs in Hainan and Guangdong regions with initial offshore wind projects, while steadily advancing plans for deep and open sea and offshore solar projects. Through lean operations and market development, our annual power generation reached 76.47 billion kWh, providing stable and reliable clean electricity and serving as a cornerstone for energy security and green transition.

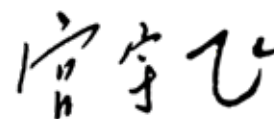
**Empowering with Technological Innovation, Driving Transformation.** We lead industry transformation through digital intelligence and technological breakthroughs. We spearheaded the successful launch of the AI model, the first in the new energy sector, promoting the effective implementation of intelligent equipment warning and lean maintenance. The deployment of platforms like the "Longteng No.1" intelligent management platform and the "Qianyuan" financial intelligence system enabled integrated management of core business areas including Party building, production, and operations, elevating our digital governance to a new level. We achieved seven new internationally leading technological accomplishments during the year. Landmark achievements such as the "Guoneng Gong Xiang Hao ( 國能共享號 )" and "Guoneng Haice No.1 ( 國能海測 1 號 )" have become industry benchmarks. Technological innovation is steadily driving down the levelized cost of energy and progressively improving energy utilization efficiency.

**Leading with Green and Low-Carbon Principles, Upholding Ecological Integrity.** We adhere to the sustainability concept of "lucid waters and lush mountains are invaluable assets", and integrate ecological environment protection into the entire process of project construction and operation. We proactively engage in climate change governance, with the scale of green power and green certificate transactions hitting a new high. We improve collaborative mechanisms for ecological protection, strictly implement the "three simultaneousness" principle for environmental protection, and fulfill biodiversity conservation measures. Progress has been made in phases regarding ecological protection and governance in the Yellow River Basin. We are steadily advancing the construction of "zero-waste enterprises". The waste wind turbine blade resource recovery project in

Faku, Liaoning, commenced successful operation, forming a closed-loop disposal chain. The Ningxia Tengger base established the nation's first scientific sand prevention and control monitoring station for a large-scale desert solar base, fulfilling our environmental responsibility commitments through concrete actions.

**Uniting through a People-Oriented Approach, Fulfilling Social Responsibility.** We prioritize employee development and empower our employees' diverse growth through refining career development pathways and enhancing skills training. We innovate new models for shared human resources, facilitating rotational development in major projects and key tasks to assess performance through practical work. We are advancing the construction of a talent training base system centered around "1 core training center + 3 regional training bases (Southern, Northern, Western) + N sub-bases and training stations", continuously cultivating training brands like the "Craftsman Training Camp" and "Expert Lecture Hall", thereby paving broader advancement platforms for every Longyuan employee.

Standing at the new starting point of the "15th Five-Year Plan", Longyuan Power will continue its pursuit of becoming a world-class leading enterprise in the international new energy sector. We will persistently deepen the comprehensive integration of ESG concepts with our strategy, operations, and management, making unremitting efforts in expanding clean energy scale, achieving breakthroughs in technological innovation, protecting the green ecology, and fulfilling social responsibilities.



Secretary of Party Committee  
and chairman of Longyuan Power

# About Longyuan Power

Founded in 1993, China Longyuan Power Group Corporation Limited is the earliest specialized company to develop wind power and leader in exploring wind power fields such as offshore, low wind velocity and high altitude in China. It took the lead in "going global" in the whole industry chain of wind power in China and keeps leading industry development and technological advance. In 2009, it was listed on the Main Board of the Hong Kong Stock Exchange. In 2022, it was listed on the A-share market, becoming a company listed in both Shenzhen and Hong Kong stock markets.

Longyuan Power owns diverse energy projects, such as wind, photovoltaic (PV), tidal, geothermal and etc. Its business expands in 32 provinces and municipalities in China as well as foreign countries, such as South Africa, Canada, and Ukraine, and makes positive contributions to the green low-carbon energy development and use of renewable energy worldwide.

As of the end of December 2025, the Company's consolidated installed capacity amounted to 45,994.29 MW, including 32,147.37 MW of wind power, 13,840.82 MW of solar power, and 6.10 MW of other renewable energy. Its revenue and assets totaled RMB30,253 million and RMB265,261 million, respectively.



## Mission

To devote to clean energy for a beautiful China

## Vision

Aspire to be a world-class global leader in new energy

## Core Values

Endeavor, efficiency, innovation, harmony

## Ten Core Management Principles

Party building leadership   advantageous development   strengthening enterprise through talent   keen innovation   safety first  
 responsibility commitment   efficient execution   lifelong learning   integrity in practice   green care



RMB **265.26** billion  
Total assets\*

**45,994.29** MW  
Total consolidated installed  
capacity

RMB **30.25** billion  
Total revenue

**32,147.37** MW  
Wind Power installed capacity

RMB **0.5414**  
Earnings per share

**100**%  
Proportion of renewable energy  
in the total consolidated installed  
capacity

\* The financial data herein are prepared in accordance with Interpretation No. 1 of the Accounting Standards for Business Enterprises under the Chinese Accounting Standards.

## Honors of 2025

“China ESG Listed Companies Pioneer 100 (2025)” List of China Media Group  
44th place

“2025 China ESG Central Enterprises Listed Companies Pioneer 100” 23rd place

Fortune China Impact List for three consecutive years

the highest A rating in the annual information disclosure evaluation by the Shenzhen Stock Exchange

an AAA Grade Credit Enterprise by the China Electricity Council

the "Most Investment Value" Golden Bull Award for Listed Companies by China Securities Journal

Longyuan Power brand was recognized as an outstanding achievement in the Central Enterprise Brand Leadership Campaign and was listed in the "2025 China's Top 500 Most Valuable Brands"

The Tianjin Binhai New Area Longyuan Haijing Salts+Solar Complementary Project and the Longyuan Jiangsu Sheyang 200MW/400MWh Shared Energy Storage Power Station Project were awarded the "2025 Quality Electric Power Project"

The "Longyuan Power Wind Power Equipment Diagnosis and Safety Prevention and Control Dataset" was selected among the first batch of 30 High-Quality AI Industry Datasets from Central Enterprises by the SASAC, and was also included in the first batch of Typical Cases with Promotional and Demonstrative Value by the National Data Bureau

"Construction and Application of Longyuan Power's Material Recycling Management Platform" and "Supply Chain Quality Supervision System Based on 'Resident Supervision, Spot Inspection, and Cloud Supervision'" were successfully included in the China Energy Research Society's 2025 Energy Industry Green Supply Chain Case Collection

The case "Exploring a New Model for the Natural Economy, Driving Clean and Low-Carbon Transition – The World's First Floating Offshore Wind-Fishery Integration Demonstration Project" was selected as a Top 10 Excellent Practice in Green and Sustainable Development by Central Enterprises (SASAC), won the First Prize in the Climate Action category of the "Golden Key · China" Competition, and was recognized as a Best Practice Case for Sustainable Development by Chinese Listed Companies

## Data of 2025

### Environment



**64.40** million tons

Carbon dioxide emissions reduced by renewable power generation



**76,469.35** GWh

Renewable power generation



**100%**

Proportion of power generated from renewable energy

### Society



RMB **47.77** million

Expenditure on training



RMB **347** million

Research and development investment



RMB **67.48** million

Investment in public charity projects

### Governance



**33.33%**

Proportion of female independent directors



**26,771** person-time

Legal compliance training




**0** case

Number of corruption proceedings

# Our Actions

	Undertakings in 2024	Fulfillment of undertakings in 2025
 <p><b>Renewable energy opportunities</b></p>	<p>Expand green energy investments, focus on two key growth areas: large-scale bases and offshore wind power, and actively lay out plans for deep and open sea offshore wind projects and centralized projects designed for local power consumption; coordinate the development of distributed wind power projects tailored to local conditions as part of rural revitalization efforts; continue to explore new business models such as marine ranches and hydrogen production from offshore wind power, aiming to promote integrated and synergistic industrial development.</p>	<p>In 2025, the installed capacity of new energy reached 45,994.29 MW, and we obtained the development quota of 8,630 MW for new energy projects. Key projects such as Tengger Base in Ningxia, Badain Jaran Base in Gansu, and Dongfang Offshore Wind Power in Hainan have made significant progress. Distributed wind power projects have been implemented effectively based on local conditions, steadily enhancing the capacity for green power supply. The "Guoneng Huanghai No.1" semi-submersible aquaculture platform in Jiangsu has commenced operation, creating a marine ranch that integrates wind power, photovoltaics, and fishery.</p>
 <p><b>Response to climate change</b></p>	<p>Strengthen carbon emission management throughout the entire lifecycle of new energy projects, enhance the monitoring and assessment of project carbon emissions as a key performance indicator, continuously optimize operational strategies to contribute Longyuan's solutions to the global fight against climate change; expand the scale of green power trading and diligently carry out carbon emission and carbon trading activities, effectively demonstrating our green value.</p>	<p>We continuously improve our carbon emission management system. Our independently developed "Blockchain-based Certification System for Carbon Emission Data" has reached an internationally advanced level, enabling credible management and transparent oversight of carbon emission data. In 2025, we traded 16.322 million green electricity certificates, a year-on-year increase of 59.47%. Green power trading reached 8.56 billion kWh, up 27.74% year-on-year. We are actively developing carbon inclusion projects and building a reserve of various carbon assets.</p>
 <p><b>Ecological conservation</b></p>	<p>Establish and refine a dynamic mechanism for the identification and resolution of ecological and environmental hidden dangers, aiming to prevent and mitigate ecological and environmental risks and curb any environmental incidents; further enhance our resource conservation and utilization efficiency and advance the pilot construction of a "Zero-Waste Group".</p>	<p>By building a strong line of defense against ecological and environmental risks, we successfully avoided any major environmental incidents throughout the year. We have been carrying out soil and water conservation monitoring in key river basins such as the Yellow River and the Yangtze River, deepening the "New Energy + Ecological Restoration" model. During the construction of the Dongfang offshore project in Hainan, we scheduled activities to avoid the breeding season of cetaceans, the peak periods of bird migration, and the peak spawning season for fishery resources. Companies in Hebei and Anhui have been established as "Zero-Waste Enterprise Demonstration Units", which have equipped with integrated intelligent weighing and labeling machines for hazardous waste, enabling full-process dynamic monitoring of hazardous waste through digital systems.</p>


**Undertakings in 2024** ▶ **Fulfillment of undertakings in 2025**



**Scientific and technological innovation**

Continue to increase investment in research and development, refine our technological innovation system, and integrate internal and external resources to enhance the organizational and collaborative efficiency of our innovation efforts; explore complementary development models combining technologies such as wave energy and tidal current energy with offshore wind power and photovoltaics, and promote the large-scale application of new energy sources like green hydrogen; strengthen the National Energy Wind Power Operation Technology R&D (Experiment) Center to foster integrated development across industry, academia, research, and application; accelerate digital transformation, aggregate larger-scale data assets, expand the leading edge of our platform scale, deeply explore the value of data in supporting decision-making, and broaden the application scenarios for "data + business".

Our annual R&D investment reached RMB347 million, with an R&D investment intensity of 1.15%. The innovation efficacy of the National Energy Wind Power Operation Technology R&D (Experiment) Center has become increasingly prominent, successfully securing approval for the establishment of a National Postdoctoral Research Station and serving as a unit jointly supported by both the National Natural Science Foundation of China and the Beijing Municipal Natural Science Foundation. We launched the first AI large model in the new energy industry—empowering digital and intelligent production and management. The "Wind Power Equipment Diagnosis and Safety Prevention and Control Dataset" we developed has received dual authoritative certification from the National Data Bureau and the State-owned Assets Supervision and Administration Commission (SASAC).



**Social contribution**

Leverage our industrial advantages to drive social development, create more projects specifically designed to revitalize local industries with distinctive Longyuan characteristics; stimulate local economic growth through the development of new energy projects, promote employment and income generation, and support the implementation of the rural revitalization strategy; actively integrate into local communities, carry out diverse public welfare activities focused on key areas such as education, healthcare, and infrastructure construction to improve the quality of life for local residents.

Leveraging new energy projects to drive employment, income growth, and economic development, we have deepened our integration into local communities both domestically and internationally. By focusing on key aspects of people's livelihoods, such as education and healthcare, we conduct a wide range of public welfare initiatives, enhancing the synergy between corporate growth and local well-being. For the year, our investment in domestic public charity projects totaled RMB67.48 million, and we had 2,806 participants in volunteer activities.



**Corporate governance**

Build a comprehensive and efficient risk prevention and control system, strengthen risk management across five key areas; improve our rules and regulations and enhance business review processes to ensure that the Company's operations are legal and compliant; conduct compliance and anti-corruption training for all employees to raise their compliance awareness and foster a clean and upright corporate environment; constantly optimize our corporate governance structure to enhance the listed company's level of legal and compliance management, ensuring the Company's sustained, stable, and healthy development.

We have improved our compliance management system, refined our risk prevention and control framework, and strengthened risk management in key areas. To optimize the governance structure of the listed company, we dissolved the Board of Supervisors, with the Audit Committee of the Board of Directors now exercising the functions and powers originally held by the Board of Supervisors. Accordingly, we revised 22 compliance-related policies, including the Company's Articles of Association and the Rules of Procedure for the Board of Directors. Furthermore, we conducted company-wide compliance and anti-corruption training, effectively ensuring the compliant operation of the listed company.

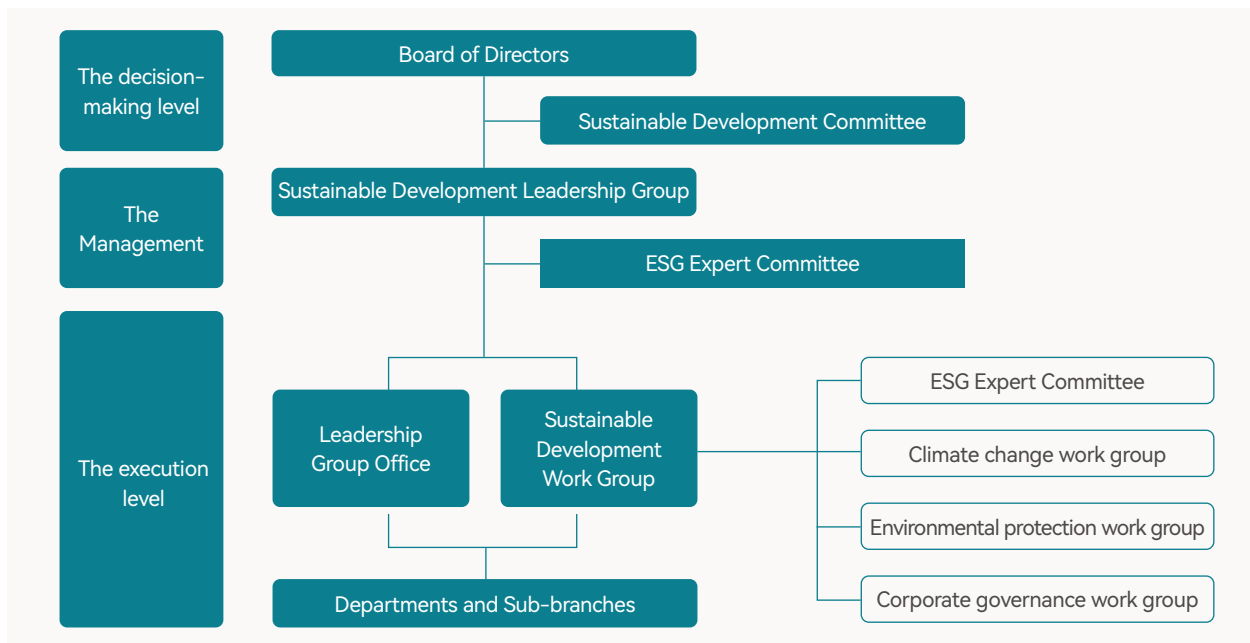
# ESG Governance

Longyuan Power has always integrated the concept of sustainability into its company strategy and daily operations. By implementing its ESG strategic planning, timely identifying and resolving ESG risks, conducting multi-dimensional practices, and continuously promoting the deep integration of ESG and business, we constructed a multi-level communication matrix to comprehensively demonstrate the achievements of ESG practices.

## Statement of the Board of Directors

Longyuan Power has established a "top-down, three-tiered collaboration with professional support" ESG governance structure, providing organizational support for clarifying the direction of ESG management, implementing the ESG strategy, and deploying ESG initiatives. The Board of Directors, as the Company's highest decision-making and supervisory body for ESG management, is responsible for reviewing and approving ESG strategic directions and comprehensively overseeing the implementation of all ESG issues. The Sustainable Development Committee, which is under the Board of Directors, assists the board in supervising and managing ESG affairs, provides recommendations to it, and offers professional support for ESG management. Throughout the year, the Committee received two reports on the progress achieved in sustainable development efforts and the next steps, effectively ensuring the forward-looking deployment and orderly progress of ESG management.

The Board of Directors attaches great importance to the management of ESG performance and supervises the achievement of goals on an annual basis. The key performance assessment plan for the chairman and the management in 2025 includes a total of 47 indicators in nine categories. Among them, the total score of ESG-related indicators is 110 points, accounting for approximately 57.89% of the basic assessment score. In addition, there are ESG-related points for deduction, ranging from -10 to 0 points. If the responsible personnel fail to reach the assessment indicators, or there are matters subject to a one-vote veto or violations of regulations and disciplines, the company will take measures such as deducting performance pay.



ESG Governance Structure

## ESG planning and implementing

In the concluding year of the "Three-Year ESG Construction Plan (2023-2025)", guided by the principle of empowering high-quality development through ESG, the Company has strengthened the deep integration of key issue requirements with daily operations. Focusing efforts on low-carbon development, ecological protection, technological innovation, and green supply chain construction, we have refined representative case studies, participated in drafting standards to deepen industry exchanges, and cultivated professional talent teams, thereby enhancing our ESG governance level and market influence.

### Integration into Business

We organized and conducted risk assessments, proactively identifying climate change risks and evaluating resilience. Comprehensive post-assessment ecological environment impact studies and bird monitoring evaluations were carried out at key stations. Pilot projects at key sites in Jiangsu, Guizhou, and Tianjin led the way, providing a scientific basis for optimizing station planning and design and reducing ecological and environmental risks. We also began exploratively incorporating carbon footprint reports into procurement requirements for certain wind turbine units.

### Refining Showcase Projects

The "Guoneng Gong Xiang Hao" floating offshore wind-fishery integration platform, a typical representative of deep and open sea "New Energy+" project development, was selected among the SASAC's Top 10 Sustainable Development Best Practices and was presented at the 30th Conference of the Parties (COP30) to the United Nations Framework Convention on Climate Change. The Company was named to the CCTV "China ESG Listed Companies Pioneer 100" list for two consecutive years, and our Wind ESG rating was upgraded from A to AA.

# AA

Wind ESG rating

### Participation in Research

We actively participated in the development of the "Supplier ESG Rating Guide" standard by the China Enterprise Reform and Development Society and became one of the founding units of the China Supplier ESG Rating Platform, contributing to the development of sustainable supply chains. As a pilot enterprise for the China Electricity Council's "Guidelines for ESG Evaluation of Electric Power Companies", we completed the evaluation, identifying areas for improvement and enhancing our performance. We shared our ESG management experience at platforms such as the World Economic Forum and the China Association for Public Companies, helping to enhance our industry influence and brand image.

### Talent Development








We hosted the inaugural CHN Energy ESG Competition, where the Company received honors including the Group First Prize and Individual First Prize. We organized the Company's first ESG competition, adopting a model of "learning through competition and applying through learning" to stimulate enthusiasm and creativity among all employees for participating in ESG initiatives and to enhance employees' performance capabilities. ESG knowledge and concepts were disseminated through new employee training, leadership training, and specialized training on listed company compliance and ESG topics.



Longyuan Power, in collaboration with the Shenzhen Stock Exchange, organized a seminar on listed company compliance and ESG

## Communication with stakeholders

We highly stress good communication with all stakeholders. Through multiple channels, such as roadshows, forums, summits, the official website, and we media, the Company has established a normalized communication mechanism with the government and regulators, investors, employees, suppliers and business partners, industries, experts and scholars, and community and media. During the reporting period, we organized and hosted 121 investor site visits and meetings involving over 700 participants, engaging in face-to-face communication with investors on sustainable development issues such as climate change, social contribution, and employee development. The event actively responded to expectations and demands from all parties and disseminated the latest ESG practices of the Company.

Stakeholders	Expectations and demands	Communication channels and methods
 <b>Government and regulators</b>	<ul style="list-style-type: none"> <li>• Tax</li> <li>• Employment</li> <li>• Compliant operations</li> </ul>	<ul style="list-style-type: none"> <li>• Supervision and inspection</li> <li>• Work reports</li> <li>• Information disclosure</li> </ul>
 <b>Investors</b>	<ul style="list-style-type: none"> <li>• Return on investment</li> <li>• Corporate governance</li> <li>• Compliant operations</li> </ul>	<ul style="list-style-type: none"> <li>• Information disclosure</li> <li>• Results roadshow</li> <li>• General meetings</li> <li>• Online communication</li> <li>• Reverse roadshow</li> <li>• Roadshow</li> </ul>
 <b>Employees</b>	<ul style="list-style-type: none"> <li>• Legitimate rights and benefits</li> <li>• Occupational health and safety</li> <li>• Smooth development channels</li> </ul>	<ul style="list-style-type: none"> <li>• Employee representative conference</li> <li>• Employee complaint channels</li> <li>• Employee symposiums</li> <li>• Work-life balance</li> </ul>
 <b>Suppliers and partners</b>	<ul style="list-style-type: none"> <li>• Public procurement</li> <li>• Contract performance</li> <li>• Sustainable supply chain management</li> <li>• Win-win cooperation</li> </ul>	<ul style="list-style-type: none"> <li>• Public procurement platform</li> <li>• Cooperation agreement</li> <li>• Regular assessment</li> <li>• Investigate and research</li> <li>• Consultation for opinions</li> <li>• Complaint hotline</li> </ul>
 <b>Customers</b>	<ul style="list-style-type: none"> <li>• Green and clean products</li> <li>• Compliance with contracts</li> <li>• Corruption-free business environment</li> </ul>	<ul style="list-style-type: none"> <li>• Agreements and contracts</li> <li>• Customer visits</li> <li>• Regular assessment</li> </ul>
 <b>Industries, experts, and scholars</b>	<ul style="list-style-type: none"> <li>• Industry leading</li> <li>• Industry sharing</li> </ul>	<ul style="list-style-type: none"> <li>• Strategic cooperation</li> <li>• Expert Committee</li> <li>• Meetings and forums</li> <li>• Formulation of standards</li> <li>• Local employment</li> <li>• Open day</li> </ul>
 <b>Communities and media</b>	<ul style="list-style-type: none"> <li>• Public welfare</li> <li>• Promotion of sustainability</li> <li>• Information transparency</li> </ul>	<ul style="list-style-type: none"> <li>• Rural revitalization</li> <li>• Charity donation</li> <li>• Community development</li> <li>• Official website or WeChat official account</li> </ul>

## Due Diligence

To effectively identify, assess, and respond to ESG-related risks, the Company conducts due diligence on sustainable development across environmental, social, governance, and supply chain dimensions. This involves systematically assessing potential adverse impacts and formulating targeted prevention and control measures to mitigate such impacts. By leveraging diverse communication and oversight mechanisms, we effectively safeguard the sustainable operations of the Company and the rights and interests of stakeholders.

Scope of Due Diligence	Identification and Assessment of Adverse Impacts	Prevention, Mitigation, and Termination of Adverse Impacts	Complaint Procedures and Reporting Channels	Communication and Oversight
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Potential impact of extreme weather on the power generation and equipment of wind and solar power stations;</li> <li>• Environmental impact of waste emissions during production and operation;</li> <li>• Potential impact of project construction and operation on biodiversity;</li> <li>• Environmental impact for decommissioned new energy equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct climate scenario analysis and organize emergency drills at high-risk stations to enhance response capabilities;</li> <li>• Advance the construction of "Zero-Waste Enterprises" and standardize the full-process control of waste;</li> <li>• Implement special initiatives for ecological restoration and biodiversity protection in new energy projects;</li> <li>• Build a waste material management platform and establish a recycling and disposal system for decommissioned equipment.</li> </ul>	<p><b>Internal:</b></p> <ul style="list-style-type: none"> <li>• Company intranet/extranet violation reporting platform</li> <li>• Disciplinary inspection and supervision channels</li> </ul>	<ul style="list-style-type: none"> <li>• Special committees of the Board of Directors hear relevant work reports</li> <li>• Conduct regular special inspections on environmental protection, safety production, and compliance</li> <li>• Publish regular sustainable development reports and verify key data</li> <li>• Organize domestic and international investor roadshows and reverse roadshows</li> </ul>
<b>Society</b>	<ul style="list-style-type: none"> <li>• Safety risks during project construction, production and operation;</li> <li>• Compliance of labor employment and employee occupational health protection.</li> </ul>	<ul style="list-style-type: none"> <li>• Utilize the "Qingyuan" large model for intelligent equipment warning to strengthen safety production control;</li> <li>• Improve the employee occupational health protection system, properly handle matters related to labor employment, and protect employees' rights and interests.</li> </ul>	<ul style="list-style-type: none"> <li>• Trade unions, employee congress</li> </ul>	<ul style="list-style-type: none"> <li>• Disclose progress in building a green and responsible supply chain</li> </ul>
<b>Governance</b>	<ul style="list-style-type: none"> <li>• Administrative penalties/non-compliance records of subsidiaries and branches in areas such as ecological protection, land and sea area use;</li> <li>• Integrity risks such as commercial bribery and corruption.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct comprehensive legal and regulatory due diligence on subsidiaries and branches;</li> <li>• Implement a "monthly education" integrity warning mechanism, conduct business ethics training for all employees, and strictly enforce the measures for handling whistleblower reports.</li> </ul>	<p><b>External:</b></p> <ul style="list-style-type: none"> <li>• WeChat public account: Longyuan Power</li> <li>• Telephone and email</li> </ul>	<ul style="list-style-type: none"> <li>• Collaborate with industry associations and upstream/downstream enterprises to establish green industry chain standards</li> </ul>
<b>Supply chain</b>	<ul style="list-style-type: none"> <li>• High energy consumption and high carbon emission behaviors of suppliers;</li> <li>• Corrupt practices in the bidding process.</li> </ul>	<ul style="list-style-type: none"> <li>• Require the use of green products in technical documents for major equipment procurement, and include carbon footprint reports in the fulfillment requirements for some wind turbine supply contracts;</li> <li>• Establish ESG management criteria in supplier management regulations, and conduct annual ESG evaluations of major suppliers;</li> <li>• Require partners to sign an "Integrity Pledge" and improve compliance control mechanisms.</li> </ul>		

## Identification of dual importance issues

Longyuan Power strictly complies with regulatory requirements for identifying and disclosing dual importance issues, attaches great importance to the impact of various issues on the Company's financial and the Company's performance on various issues on the economic, social and environment. In 2024, based on key factors such as regulatory requirements, industry trends, and development strategies, the Company identified and constructed an ESG issues library. We distributed survey questionnaires to key internal and external stakeholders to assess the impact materiality and financial materiality of 24 topics, subsequently developing a dual importance issues matrix. Following review and confirmation by the Board of Directors of the Company, all 24 topics were determined to have impact materiality. Among these, four topics—response to climate change, environmental compliance management, innovation driven, and development of renewable Energy—were identified as having dual importance. As there were no significant changes in the internal and external environment in 2025, our assessment and validation confirmed the continuation of the previous year's topic identification results, and no additional adjustments were made to the related topic system.



The company took the lead in organizing the first ESG Competition of China Energy Investment Corporation. In an innovative move, retired wind turbine blade recycling materials were used to craft the trophies, competition tables and chairs.

## Issues in 2025

### Environment (7 items)

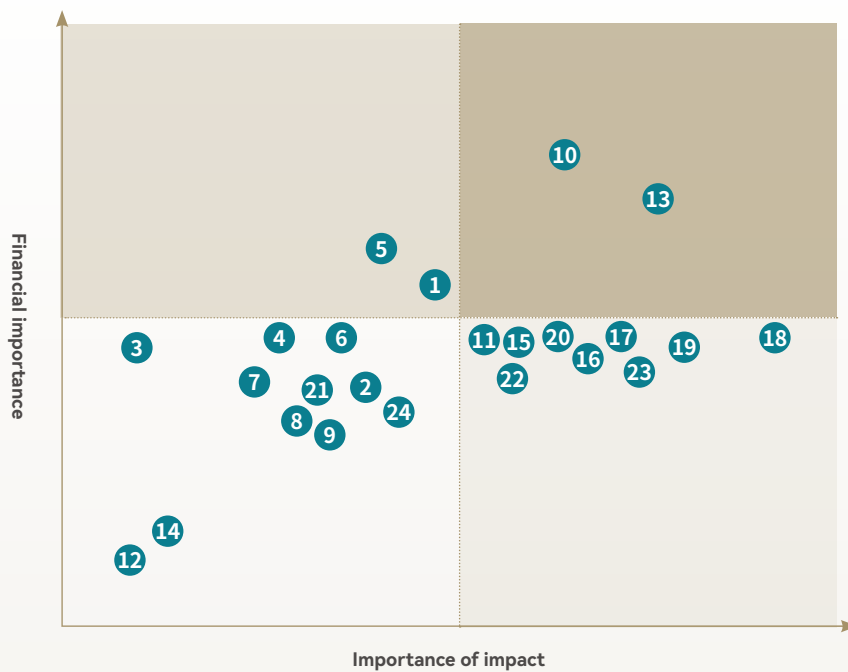
- 1 Response to climate change
- 2 Pollutant emissions
- 3 Waste treatment
- 4 Ecosystem and Biodiversity Conservation
- 5 Environmental compliance management
- 6 Resource utilization
- 7 Circular economy

### Social (9 items)

- 8 Rural revitalization
- 9 Social contribution
- 10 Innovation driven
- 11 Supply chain safety
- 12 Equal treatment to small and medium-sized enterprises
- 13 Development of renewable energy
- 14 Data Security
- 15 Employee development
- 16 Employee rights protection

### Governance (8 items)

- 17 Corporate governance
- 18 ESG management
- 19 Compliant risk control
- 20 Risk and opportunity management
- 21 Due diligence
- 22 Stakeholder communication
- 23 Anti commercial bribery and anti-corruption
- 24 Anti unfair competition



Matrix diagram for identifying dual importance issues





## RESPONSIBILITY: Improve governance efficiency

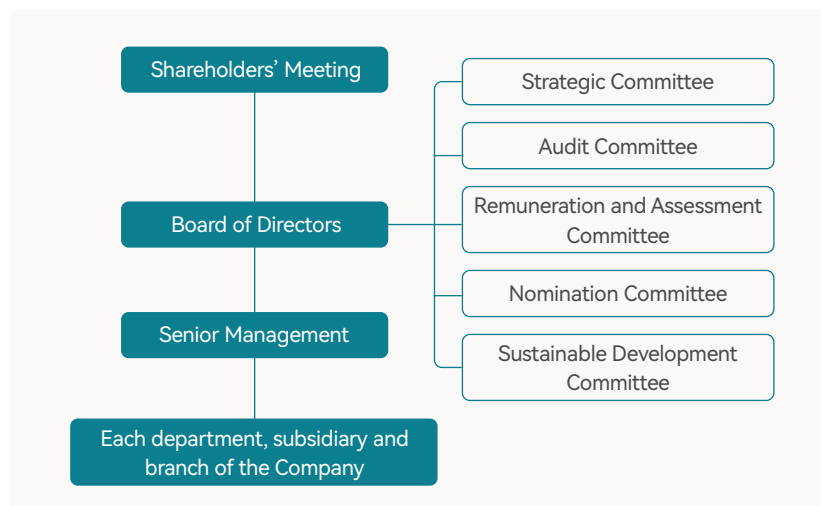
We continuously improve our corporate governance system, optimize the structure and operating mechanism of the Board of Directors, and ensure timely, accurate, and complete information disclosure, effectively protecting the legitimate rights and interests of investors. The Company has comprehensively strengthened the rule of law and compliance management, improved its risk prevention and control system, adhered to business ethics, and upheld the principle of integrity in operations, safeguarding the Company towards standardized, stable, and high-quality development.

# Standardize corporate governance

In strict accordance with the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China, and listing regulations, we continuously adjusted and optimized our corporate governance structure. This included dissolving the Board of Supervisors, realigning the scope of functions, powers, and resolutions of the shareholders' meeting and the Board of Directors, and clarifying the composition and basic functions of each special committee under the Board. Notably, the Audit Committee of the Board of Directors now exercises the functions and powers originally held by the Board of Supervisors, ensuring that the shareholders' meeting, the Board of Directors, and management each perform their respective duties. We revised 22 compliance-related policies concerning listed companies, including the Company's Articles of Association and the Rules of Procedure for the Board of Directors, effectively ensuring the compliant operation of the listed company. We strengthened the development of the Board of Directors, diligently fulfilled information disclosure obligations, deepened investor relations management, and adopted multiple measures to safeguard the legitimate rights and interests of investors, promoting the synergistic development of corporate governance and value enhancement. The Company's governance performance in 2025 has been disclosed in detail in Section IV "Corporate Governance, Environment, and Society" of the 2025 Annual Report, to which we kindly refer you. The following is a partial summary:

## Operation of the Board of Directors

The Company adhered to the principles of professionalization and diversification in the Board's reelection. The Board of Directors reflects diversity in terms of gender, age, educational background, professional experience, skills, and industry standing. It includes experts in fields such as the energy industry, strategic planning, risk management, legal compliance, financial management, and capital markets, enabling the Board to examine issues from multiple perspectives and aspects, thereby enhancing the quality and efficiency of decision-making and further optimizing the Board's governance level. As of the end of the reporting period, the Board of Directors consisted of 9 directors, including 2 executive directors, 3 non-executive directors, 1 employee representative director, and 3 independent non-executive directors, with independent directors accounting for 33.3%. There are 2 female directors, representing 22.2% of the Board. All committees include female directors, with women constituting one-third of the members on the Audit Committee, Remuneration Committee, Nomination Committee, and Sustainable Development Committee.



Corporate Governance Structure

The Board of Directors of the Company strictly complies with the requirements of systems such as the Board of Directors Work Management Measures (Trial), the Board of Directors Authorization Management Measures, and the Independent Director Work System to ensure compliant operations. It exercises the powers of directors in accordance with regulations, rigorously deliberates on major matters, and effectively safeguards the Company's rights and interests. Independent directors attend and participate in various meetings, expressing their independent opinions objectively, fully, and in accordance with the law, and exercising their voting rights prudently. In order to enhance the ability of directors to perform their duties, during the reporting period, the Company organized training focusing on core points such as the revised content of the Company Law and new ESG regulations, striving to solidify the foundation for directors to perform their duties. A research platform was established, organizing directors to conduct three collective site visits to business operations to gain an in-depth understanding of actual business activities, providing solid support for scientific decision-making. Suggestions and opinions raised by directors during meetings and research were incorporated into a supervision checklist, and their implementation status was reported to the Board of Directors quarterly, ensuring that all decisions and deployments were effectively executed and achieved results.

3

shareholders' meetings

8

board meetings

14

meetings of special committees of the board of directors



Site Visits of the Directors of Longyuan Power

**438**

cumulative  
announcements disclosed  
throughout the year

Grade **A**

Annual Information  
Disclosure Rating

## Standardized Information Disclosure

Adhering to the principles of efficiency and transparency, the Company completed the disclosure of its periodic reports. We strictly followed the new regulatory requirements of both the Shenzhen and Hong Kong stock exchanges, focusing on investor concerns and the Company's operational highlights to successfully compile and disclose our annual, interim, and quarterly reports. Throughout the year, we disclosed a total of 438 announcements covering areas such as power generation, connected transactions, Board reelection, and amendments to the articles of association. We received an A grade in the Shenzhen Stock Exchange's 2024-2025 information disclosure evaluation, with the quality of our information disclosure being recognized by regulatory authorities. Related transaction management was strictly regulated: we updated the list of related parties quarterly, dynamically tracked the progress of related transactions, and coordinated the decision-making procedures for various related transactions, effectively safeguarding the legitimate rights and interests of the Company and its shareholders.

### Case | Longyuan Power Launches Intelligent System for Information Disclosure and Investor Relations, Empowering Development with Digital Intelligence

In November 2025, Longyuan Power launched its intelligent system for information disclosure and investor relations, marking a critical breakthrough in the digital intelligence transformation of the Company's information disclosure and investor relations management. Officially entering the intelligent era, this system comprehensively enhances the quality and efficiency of the listed company's information disclosure, strengthens market value management, and reinforces compliance governance capabilities.

Guided by the overarching principle of "data-driven, online processes, intelligent analysis, and compliant control", the system is built upon a deep understanding and integration of business and financial data, technological development, and intelligent applications. Leveraging the "Qingyuan" AI large model, it adopts a full-chain technology implementation model of "data-scenario-application". The system constructs three core intelligent agents—intelligent Q&A, indicator analysis, and report generation—embedded within five major application scenarios: data management, investor relations, peer benchmarking, ESG governance, and listed company compliance. It achieves panoramic management of online collection and review of information disclosure data. Features such as one-click generation of multi-dimensional charts for benchmarking analysis and human-computer interactive intelligent Q&A for investor relations are accelerating the transformation and upgrading of information disclosure and investor relations work towards "intelligent analysis".

## Protection of shareholder rights and interests

The Company places high importance on protecting shareholder rights and has revised the Rules of Procedure for Shareholders' Meetings. This revision lowered the shareholding ratio required for exercising the right to propose shareholder proposals, strengthened the protection of minority shareholders' rights and interests, optimized the comprehensiveness and scientific rigor of decision-making, and enhanced shareholder participation in governance. We have continuously deepened our communication and exchange mechanisms with domestic and international investors, conveying the Company's value through multiple dimensions and effectively bolstering investor confidence.

In 2025, through diverse channels such as site visits and investment bank summits, we conducted frequent online and offline investor communication meetings, actively conveying the Company's core values and development strategy. Our general manager personally traveled to Hong Kong for overseas roadshows, engaging in in-depth exchanges with analysts from key institutions and core investors. This precisely communicated the Company's development philosophy and effectively enhanced long-term investor confidence. We successfully hosted a series of "Sailing with the Wind" reverse roadshows, inviting 22 analysts and investors from leading domestic and international institutions, including Morgan Stanley, UBS, CITIC Securities, and CICC, to visit the "Guoneng Gongxiang Hao" wind-fishery integration project on site. This established a multi-level, warm, and positive model for investor interaction, garnering significant market recognition of the Company's development potential.



Briefing on Results and ESG Report Release Conference

### Contact Information for Investor

Investor hotline:(86)10-6388 8199

Investor fax:(86)10-6388 7780

Email:lyir@ceic.com

1,000

The management engaged in communication with representatives from over 1,000 domestic and international investment institutions.

488

analysts published 488 positive rating reports

100

including 100 research reports on Longyuan's stock

98%

achieving a 98% positive rating

# Strengthen compliant risk control

## 26,771

person-times of legal and compliance training

We continued to deepen the practice of rule of law in enterprise management, systematically improved compliance management mechanisms and processes, and laid a solid institutional foundation for business development. We focused on establishing a comprehensive internal control and supervision system covering the entire chain, rigorously strengthened internal auditing and risk inspections, achieved precise identification and closed-loop management of key risks, and provided solid compliance assurance and risk control support for the Company's high-quality development.

## Compliant operations

Leveraging its "1+N+X"<sup>1</sup> compliance management system, the Company formulated special work plans to deepen compliance governance and strengthen "Four Basics" construction. It enhanced compliance management in key areas such as work safety, environmental protection, bidding and procurement, project investment, engineering construction, fund management, anti-monopoly, and anti-unfair competition. The compliance management responsibilities of the "three lines of defense" – namely business departments, compliance management departments, and discipline inspection & auditing departments – were strictly implemented.

### Compliance risk inspection

Quarterly legal compliance risk inspections, coupled with special governance of enterprise credit information, were conducted for all units within the system. Key guidance was provided for prominent issues identified during inspections to precisely promote rectification implementation. Channels for reporting compliance risks were kept unimpeded; violation reporting platforms were established on the Company's internal and external networks, creating a full-process management mechanism of "reporting-verification-supervision-closure".

### Contract management

An intelligent "4+4+2" contract management system was established. A "Management Improvement Year" initiative was carried out in the field of economic contracts, involving the review of legal risks in over 800 economic contracts to effectively prevent potential compliance risks. Qualification examination training was organized for contract handling personnel across the entire system, achieving a pass rate of 99%, thereby effectively strengthening their performance capabilities.

### "Four Basics"<sup>2</sup> construction

The Company compiled and formed the "Compliance Manual for Key Positions" and the "Negative List of Position Responsibilities", clearly defining specific compliance obligations and prohibited actions. An innovative large-model-based intelligent Q&A system for institutional rules was developed to address challenges such as slow retrieval, difficult interpretation, complex comparison, and inconsistent implementation of rules.

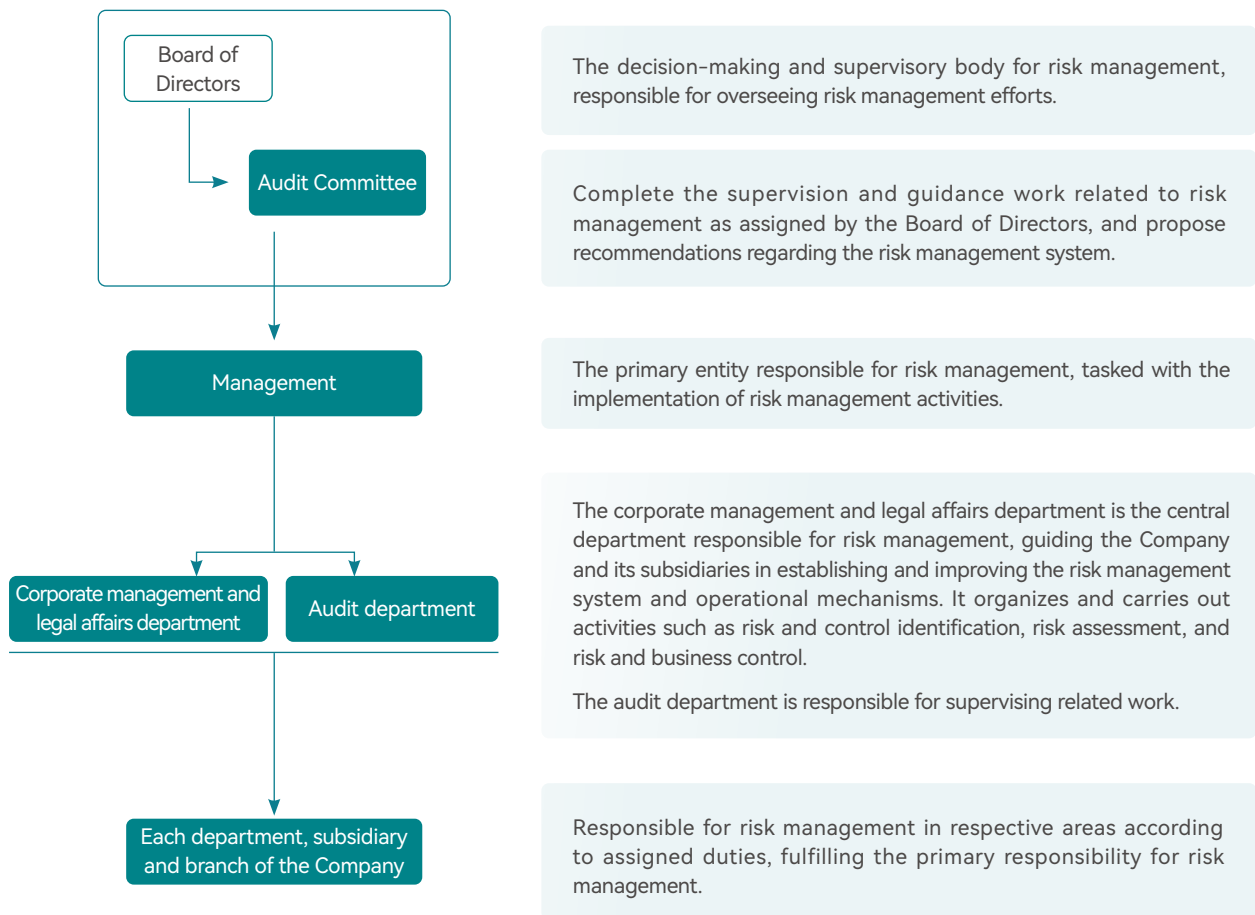
<sup>1</sup> "1+N+X" Compliance Management System: Compliance management digital platform + certain basic and special compliance management systems + certain compliance risk guidelines for key areas

<sup>2</sup> "Four Basics": Basic responsibilities, basic processes, basic systems, and basic data

## Risk control

The Company focused on risks in key areas and actively promoted the optimization and upgrade of its risk management and control system. A systematic mechanism for dynamic monitoring and assessment of enterprise-wide risks was established. Closely integrating macro factors such as external policy adjustments and economic situation changes, the Company scientifically conducted systematic risk studies, implemented dynamic assessment, monitoring, and early warning of major risks on a quarterly basis, and reported to the Audit Committee of the Board and the Board of Directors. The Company conducted normalized and detailed monitoring across five key areas, encompassing four financially material topics identified for the year: response to climate change, environmental compliance management, innovation driven, and renewable energy development. Concurrently, the mechanism for reporting and rapidly handling significant risk events was continuously improved to comprehensively enhance the Company's risk management and control level, laying a solid foundation for sustainable development.

Centering on the Company's strategic objectives and operational priorities, and focusing on economic responsibility audits, a three-year rolling audit plan was formulated and executed. Work such as economic responsibility audits, engineering audits, special audits, and internal control system supervision was solidly advanced. In 2025, the Company launched a special initiative for overseas risk management and control, comprehensively inspecting overseas operational violation risks related to critical links such as investment decisions, bidding and procurement, and fund management, thereby effectively strengthening its overseas risk prevention and control capabilities.



## Abide by business ethics

Business ethics is fundamental to the sustainable development of enterprises. We remained committed to operating with integrity and adhering strictly to ethical standards, regulating our internal management, market competition, and cooperative engagements. The Company maintains a zero tolerance attitude towards violations of business ethics and continues to create a culture of integrity and transparency in business ethics.

### Anti-bribery and anti-corruption

The Company attaches great importance to combating commercial bribery and corruption, deeply implementing the spirit of the Central Eight-Point Regulations. In accordance with institutional frameworks such as the "Discipline Inspection Commission Supervision Work Measures" and the "Integrity Education Work Plan", we strengthened routine supervision and inspection and deepened integrity warning education. Adhering to the principle of "targeted and categorized education tailored to different audiences", the Company integrates anti-commercial bribery and anti-corruption training into daily warning education through various means, including organizing special "Monthly Education" activities, conducting position-specific education, implementing timely integrity reminders on specific occasions, and holding warning education meetings. In 2025, all directors, managers, and employees participated in business ethics related training. No business ethics violations throughout the year.

The Company strictly implement the "Management and Disposal Measures for Letters, Visits, Reports, and Problem Clues of China Longyuan Power Group Corporation Limited", ensuring unimpeded channels for public reporting, including letters, calls, and in-person visits. For all received reports and complaints, as well as identified clues to issues, we strictly adhere to the principle of hierarchical responsibility-based handling, meticulously registering each item and proposing precise disposal opinions. All types of violations are rigorously investigated and dealt with in accordance with regulations, disciplines, and laws. At the same time, the Company establishes a whistleblower protection system to prohibit the disclosure of whistleblowers' personal information and protect the legitimate rights and interests of whistleblowers.

### Anti-unfair competition

We resolutely abide by national laws and regulations such as the "Anti-Unfair Competition Law of the People's Republic of China", and have issued the "Risk Reminder Letter on Anti-Monopoly in Electricity Market Transactions" to our subsidiaries and branches, actively safeguarding a healthy and orderly market competition order. The Company strictly prohibits all unfair competition practices, including false advertising, commercial defamation, and misappropriation of trade secrets. We consistently build our core competitiveness through technological innovation, excellent management, and professional services, promote industry progress by participating in the development of industry standards and norms, and continuously conduct company-wide training to ensure every employee possesses a clear understanding of anti-unfair competition principles and behavioral guidelines.

## Party building leadership

Guided by the Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, we deeply studied and implemented the guiding principles from the 20th National Congress of the Communist Party of China and the plenary sessions held since. Committed to taking concrete actions and striving to be at the forefront under the guidance of our banner, we deepened the implementation of the Group's "188" Party Building brand strategy. We solidly advanced the "Seven Major Projects": Political Navigation, Theoretical Soul-Forge, Foundation Strengthening, Cadre Talent Development, Propaganda and Cultural Enrichment, Innovation and Collaboration Facilitation, and Discipline Enforcement and Integrity Cultivation. This has formed an integrated implementation system for the "One Main Body, Three Supporting Wings" Party Building brand strategy, characterized by "Party Banner Flying High, Bravely Empowering New Heights, Forging Pioneers with Concrete Actions", embedding the Party's comprehensive leadership throughout the entire process of enterprise development and injecting strong momentum into the Company's high-quality development.

### Talent cultivation

Party affairs personnel training courses and training courses for new party members of directly subordinate Party organizations were conducted to consolidate and expand the achievements of themed education and party discipline education and learning, effectively enhance the Party spirit and political literacy of party members, and simultaneously establish a long-term mechanism for cultivating party affairs talents.

### Party branch tackling key tasks

Each Party branch established projects to tackle key tasks, set up "Party Member Commando Teams", designated "Party Member Model Posts", and implemented the "Party Member Responsibility System". This ensured that party members take the lead in fulfilling duties in key positions, follow up and supervise key tasks, strictly control key links, and step forward to take on responsibilities at critical moments.



Party member technical backbones of the Zhongwei Photovoltaic Project at the Ningxia Tengger "Desert-Gobi-Wasteland" New Energy Base are inspecting photovoltaic modules





## **GREEN:** Aim at "dual carbon" target

In the long-term process of energy transition, Longyuan Power remains unwavering in its role as a pioneer in the clean energy sector. With the overarching goal of strengthening, optimizing, and expanding its new energy business, the Company is making multi-pronged efforts in areas such as large-scale new energy bases, offshore wind power, and wind power upgrading and renovation. Driven by both independent breakthroughs in core critical technologies and lean management of production and operations, it continuously leverages clean energy to bolster the economy and empower society.

# Expanding green power capacity

As a leading enterprise in the new energy sector, Longyuan Power maintains a steady pace in project development, focusing on key areas such as “shagehuang” (which refers to “deserts, Gobi and wastelands” in Chinese) wind and solar power bases, as well as offshore wind power, to continuously increase its installed capacity. Simultaneously, the Company makes every effort to enhance the quality and efficiency of project construction, comprehensively strengthens production management and control, ensures the safety and reliability of power production, and delivers “stable green power” to millions of households.

## Governance

The Company has established a comprehensive new energy project management system. The Strategy Committee, established under the Board of Directors, is responsible for supervising the annual investment plan and providing professional recommendations, with the annual investment plan ultimately reviewed and approved by the Board of Directors. The Company's operations and management team deeply comprehends the implications and requirements of the major strategic task of “building a powerful energy nation”, formulates annual plans for the commencement and commissioning of new energy projects, strengthens coordination and collaboration in project development, engineering construction, and production operations, and promotes the enhancement of quality, acceleration of progress, and improvement of efficiency in new energy project development and construction to a high standard. While ensuring compliant and orderly development management, the Company strives to create “high-quality” new energy projects.

<p><b>New energy project development</b></p>	<p>Strategic Planning Management Measures (Interim)                  Management Measures for Investment Project Approval (Trial)                  Investment Expert Advisory Committee Management Measures (Interim)                  Implementation Rules for Pre-development Process and Responsibility Division of New Energy Projects                  Management Measures for Preliminary Expenses of New Energy Projects                  Management Measures for Preliminary Wind Measurement Work                  Implementation Rules for Management Measures for Preliminary Wind Measurement Work                  Implementation Rules for Wind Farm Site Selection                  Implementation Rules for Feasibility Study Report Compilation of Wind Power Projects                  .....</p>
<p><b>Engineering project construction</b></p>	<p>Regulations on Engineering Construction Management                  Management Measures for Overseas Project Engineering Construction                  Management Measures for Safety, Health, Environment and Civilized Construction in Engineering Construction                  Management Measures for Safety Risk Control in Engineering Construction (Trial)                  Standard for Management of Safety Construction Work Permits in Construction Projects                  .....</p>
<p><b>Project production and operation</b></p>	<p>Management Measures for Digital Production Systems and Equipment (Trial)                  Management Measures for Wind Farm Renovation and Upgrading                  Management Measures for Equipment Defects                  Regulations on Production Management (Trial)                  Management Measures for Production and Operation Bonus Incentives                  Management Measures for Overwater Photovoltaic Production Operations (Trial)                  Operation and Maintenance Management Plan for Centralized Photovoltaic Projects (Trial)                  Management Measures for New Energy Equipment Decommissioning from Operation (Trial)                  .....</p>

## Strategy

With the core objective of building full lifecycle service capabilities for new energy projects, we adhere strictly to rules, regulations, management manuals, and operating instructions, and strengthen control across the entire process of project development, engineering construction, and production operations to ensure the stable output of clean electric energy.

### Consolidate development advantages

The Company deeply implements the new energy security strategy, adhering to the principle of effectively enhancing quality and achieving reasonable growth in quantity. It refines its development strategy with a "one province (city), one policy" approach, fully promotes the planning and construction of "shagehuang" wind and solar power bases, accelerates the large-scale development of offshore projects, and builds new energy bases with Longyuan characteristics.

Actively seizing opportunities in the new energy industry's development, the Company consolidates its competitive edge through a diversified, rapid, and innovative renewable energy business. It continuously explores the "New Energy +" integrated development model, promoting the synergistic optimization and upgrade of new energy with traditional industries to enhance resource utilization efficiency per unit. The Ningxia Tengger "Shagehuang" base project innovatively established a collaborative system integrating "photovoltaics + sand control + digitalization", transforming over 80,000 mu of shifting sand dunes into an ecological oasis. The base's 295 MW/590 MWh energy storage power station was successfully connected to the grid, capable of charging and discharging 190 million kWh annually, effectively promoting new energy consumption. In Jiangsu, the "Guoneng huanghai No. 1" semi-submersible aquaculture platform has been completed and put into operation, creating an offshore ranch integrating wind power, photovoltaics, and fisheries, effectively enhancing the utilization rate of marine resources.

**8,630**<sup>MW</sup>

Obtained a quota of new energy

**4,851.10**<sup>MW</sup>

Newly-added installed capacity



Ningxia Tengger "Shagehuang" new energy base

### Building high-quality projects

The Company has fully implemented and acted in accordance with the overarching requirements for project construction set forth by CHN Energy – the "Two No-Overruns and Three Zero-Tolerances"<sup>3</sup>– and focused on forging flagship premium projects under the "Three Excellences and Two Strengths"<sup>4</sup> framework. It has strengthened end-to-end management across the entire project lifecycle, continuously refined its governance and control framework, and driven dual uplifts in both quality and operational efficiency. Pioneering breakthroughs were delivered in quality management and control, with full coverage of all critical links in equipment manufacturing supervision. A customized "phased acceptance + parallel review" model was adopted, slashing the time limit for acceptance and rectification by over 30%. The Company rolled out full-lifecycle cost governance, established a dedicated cost engineering center, and achieved a 19.8% cost saving ratio from engineering variation management. In 2025, Tianjin Binhai New Area Longyuan Haijing Salts+Solar Complementary Project, and the Longyuan Jiangsu Sheyang 200MW/400MWh Shared Energy Storage Power Station Project, were conferred the title of "2025 Quality Electric Power Project", establishing a industry benchmark for the development of high-standard new energy projects.

#### Case | Launching a digital platform to enhance quality control in new energy projects

In March 2025, Longyuan Power officially launched its digital management platform for new energy project quality control. The platform assists in formulating detailed quality acceptance plans, clarifying quality standards and acceptance checkpoints. Utilizing advanced mobile internet technology, it facilitates information exchange with various project companies, enabling real-time data collection and upload, and providing Q&A support for quality issues. This further strengthens quality control from the initial construction phase through to the commissioning stage, effectively enhancing the standardization and intelligence of quality acceptance for new energy power generation projects. This marks a significant innovative step for the Company in the field of new energy project quality control.



Longyuan Jiangsu Sheyang Shared Energy Storage Power Station

<sup>3</sup> Two No-Overruns and Three Zero-Tolerances: no overrun of construction schedule, no overrun of budgetary estimate; zero quality incidents, zero safety accidents, zero environmental events

<sup>4</sup> Three Excellences and Two Strengths: excellence in quality, excellence in schedule, excellence in cost; strong performance in safety, strong performance in integrity

## Stable electricity production

Centering on the core objective of "optimizing operation regulation and enhancing grid connection efficiency", the Company implemented functional coordination and plan management, deepened benchmarking management and problem rectification, reinforced grid connection control and risk response, and comprehensively improved the standardization of operation regulation and the quality and efficiency of grid connection management. Focusing on the goal of "Empowering Safety through Technology and Expanding Applications of Intelligent Models", the Company promoted the digital transformation of production, enhanced equipment stability and power generation efficiency by leveraging large-model promotion, intelligent station construction, and drone applications. Throughout the year, the Company persistently focused on four major areas: preventing fires in aging units, preventing tower collapses in large megawatt units, preventing trips in transmission lines, and addressing centralized photovoltaic defects and optimization of economic operation. By strengthening fundamental maintenance, implementing proactive maintenance, expanding digital applications, and continuously deepening equipment management, the Company promoted the dual upgrade of both the equipment management system and management capabilities, ensuring the long-term safe operation of equipment. In 2025, the Company's long-term shutdown units decreased by 12% year on year.



On 10 November 2025, Longyuan Power's Kuocangshan Wind Farm achieved 10,000 days of continuous safe production, becoming the first commercially operated wind farm in China to surpass the 10,000-day milestone of safe operation and setting a new record for long-term operation in the country's new energy sector.

## Ensuring service quality

The Company strictly adheres to the Quality Management Measures (Trial). On the power generation side, based on strengthening equipment management, it conducts equipment condition assessments to achieve predictive maintenance. It establishes a standardized equipment management system, an equipment reliability management network, and an evaluation and analysis system. It also sets up mechanisms for full-process control, quality acceptance, and responsibility traceability concerning equipment maintenance, repair, and technical upgrades, thereby supporting power quality with safe and reliable equipment. On the engineering construction side, its subsidiaries and branches strictly implement construction procedures and quality control requirements. They solidify the foundation of engineering quality through system formulation, responsibility clarification, and archive management, with multi-link collaboration ensuring engineering quality that is compliant, reliable, high-quality, and efficient. On the consulting services side, its technical service subsidiaries establish and improve service quality standards and optimize service resources. Companies focusing on engineering technology, design consulting, and carbon assets continuously strengthen their professional capabilities in digital technology application, project design, and carbon asset operations. Meanwhile, the New Energy Training Center further refines its curriculum system to enhance the effectiveness of talent cultivation.



Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd. obtained the Quality Management System Certification Certificate and the Service Certification Certificate.

## Risk and opportunity management

We developed targeted response strategies for different types of risks, effectively reducing the impact of risks on power supply.

### Industry competition

Currently, the initial establishment of a unified national electricity market has been achieved, with the completion of the "1+6" foundational market rules system. Provincial-level spot market operations have achieved near-full coverage, a cross-regional normalized trading mechanism has been established, and market-oriented reforms for new energy on-grid tariffs are being comprehensively advanced. It is anticipated that during the 15th Five-Year Plan period, the unified national electricity market will continue to deepen, with market mechanisms becoming more mature and efficient, and competition becoming more robust. Concurrently, the external environment remains complex and challenging: the global energy landscape and supply chain order are under strain, international majors are accelerating competition for wind, solar, and storage resources, leading to intense competition in regional project bidding.

The Company continuously tracks relevant national policies, diligently analyzes electricity markets and studies trading policies, assesses situational opportunities and policy impacts, strives to overcome downward pressure on electricity prices, strengthens management across all aspects of market-oriented trading, and proactively adapts to market changes. Leveraging digital and intelligent technologies, it enhances its capability for electricity market forecasting and trading. The Company coordinates risk prevention and control for overseas projects, improves its risk control and compliance system, explores project resources through multiple channels, controls development risks from various dimensions, prudently expands its presence in key country markets, and continuously updates its "one-country, one-policy" strategy on a rolling basis to ensure the mature implementation of high-quality projects.

### Power grid consumption

During the 14th Five-Year Plan period, the scale of newly grid-connected new energy witnessed significant growth. In contrast, the increase in electricity demand and the enhancement of system regulation capacity were relatively slow. In certain regions, with the continuous increase in new energy installed capacity, issues concerning the pace and stability of power grid construction have become increasingly prominent. The development imbalance among source, grid, load, and storage, as well as the mismatch between grid carrying capacity and regulation capability, have become growing contradictions. These factors pose challenges to the safe and stable operation of the power system and the efficient consumption of new energy.

The Company will further strengthen communication and cooperation with government regulatory departments and power grid dispatch based on the different characteristics and situations of each region, actively expands the consumption channels of new energy, strengthen marketing team building and enhance marketing capabilities, and actively promotes the optimization of local power grid structure to better adapt to the needs of new energy development.

## Safe production

As the operating years of units increase, equipment commissioned in the early stages gradually experiences issues such as intensified component wear, a higher failure rate of electrical components, and aging of vulnerable parts, posing certain safety risks.

To address the risk of equipment aging, the Company strengthens full lifecycle equipment management through intelligent means and constructs a multi-dimensional risk prevention and control system. Utilizing technologies such as intelligent monitoring, condition assessment, and spot inspections and routine checks, it dynamically monitors equipment operation, advances the renovation of aging stations and unit life extension, and ensures equipment reliability. It deepens the implementation of the equipment responsibility system, refines unattended management, enhances autonomous operation and maintenance capabilities, promotes the application of new technologies, upgrades production monitoring systems, expands the application scenarios of the "Qingyuan" large model, advances the construction of intelligent power stations, and establishes a three-dimensional inspection mechanism, comprehensively improving intrinsic safety and the level of intelligent operation and maintenance.

## Indicators and objectives

In the future, the Company will adhere to sustainable growth and promote the high-quality development of new energy. It will deepen coordination between production and marketing, establishing a market-oriented rapid-response mechanism for production and operations. Equipment management will be strengthened, and a standardized maintenance system covering all unit types will be improved. In terms of large-scale development, the Company will closely align with the national energy strategy, fully advance the implementation of large-scale base projects, consolidate and expand its advantages in offshore projects, prudently develop diversified business formats such as hydrogen-based energy and zero-carbon parks, and optimize overseas assets. In engineering construction, the Company will strengthen design optimization and equipment manufacturing supervision, build high-quality projects, and cultivate a leading edge in scale and quality.

### 4,500<sup>MW</sup>

of new energy projects to commence construction in 2026

### 4,500<sup>MW</sup>

of new energy projects to be commissioned in 2026

Indicator	Unit	Data in 2025
Newly-added new energy development quota	MW	8,630
Newly-added installed capacity	MW	4,851.10
Total installed capacity	MW	45,994.29
Installed capacity of wind power	MW	32,147.37
Installed capacity of photovoltaic	MW	13,840.82
Installed capacity of other renewable energy	MW	6.10

## Empowering with innovative technology

We uphold innovation as our corporate mission and responsibility. Rooted in a comprehensive technological innovation governance system and a full-chain technology management framework, and empowered by multi-dimensional support from national-level R&D platforms, a post-doctoral scientific research workstation, and our dual status as a relying unit for both the National Natural Science Foundation of China and the Beijing Municipal Natural Science Foundation, we fully stimulate our innovation impetus. We focus on tackling core technologies, transforming scientific and technological achievements, and cultivating high-caliber talents. We leverage the "Qingyuan" AI large model to deepen our digital and intelligent transformation, standardize intellectual property management, balance risk prevention and control with opportunity exploration, and strive to build a national new energy technology highland and a hub for original wind power operation technologies.

### Governance

The Company has established a technological innovation governance system where "the Board of Directors decides, management coordinates, and the execution level implements". The Board of Directors reviews and approves large-scale technology investment projects, while the management level has established a Science and Technology Committee to advance related work. At the execution level, the Company has built a "1+1+4+N" technological innovation system, which comprises centralized management by the Technology and Information Department, support from the National Energy Wind Power Operation R&D (Experiment) Center, four Beijing-based technology enterprises as the main actors, and provincial companies along with their implemented projects as the foundation. This is complemented by an institutional framework covering technology projects, R&D investment, intellectual property, technical standards, and the transformation of achievements.

Management Measures for Technological Innovation Projects

Management Measures for Scientific and Technical Papers and Academic Works (Trial)

Management Measures for Technical Standards

Management Measures for the Science and Technology Committee

Management Measures for R&D Investment and Technology Investment (Trial)

Management Measures for Scientific and Technological Achievements and Their Transformation (Trial)

Management Measures for "Open Competition Mechanism (揭榜掛帥)" and "Racing to the Fore (賽馬爭先)" Technological Innovation Projects (Trial)

Management Measures for Intellectual Property (Interim)

.....

### Strategy

We regard innovation as the key to navigating cycles and winning the future. We strengthen efforts to achieve breakthroughs in core technologies, accelerate the efficient transformation and application of major scientific and technological achievements, and deepen the integration and guidance of digital and intelligent outcomes, propelling the Company to continuously scale new heights in technological innovation and contribute more wisdom and strength to the nation's development.

## Accelerating the transformation of scientific and technological achievements

The Company promotes the transformation of scientific and technological achievements, achieving notable results in areas such as offshore wind power operation and maintenance, wind-fishery integration technology, and energy storage applications, thereby empowering high-quality development within the industry. The "Guoneng Haice No. 1", China's first comprehensive offshore wind power detection platform, has significantly improved the accuracy of submarine cable detection and fault location, with multiple technologies passing authoritative appraisals by the Chinese Society for Electrical Engineering. Drawing on the innovative achievements of the "Guoneng Gong Xiang Hao", the Jiangsu "Guoneng Yellow Sea No. 1" semi-submersible aquaculture platform was constructed, creating an offshore ranch integrating wind power, photovoltaics, and fisheries. This platform achieves 100% clean energy self-sufficiency throughout the entire aquaculture process, effectively enhancing the utilization rate of marine resources. The Shandong Lushan 320 MW/640 MWh energy storage power station successfully completed China's first 220 kV voltage level combined thermal-PV-storage black start test, expanding the boundaries and application scenarios of energy storage technology. The Company successfully built the world's first floating wind-fishery integration platform, the "Guoneng Gong Xiang Hao", led the development of the first AI large model in the new energy power generation industry, and completed the 1,000-ton-level production line for the recycling of retired blades. Through these achievements, it has contributed the "Longyuan Solution" to the efficient development, utilization, and intelligent transformation of new energy. Over the year, the Company added 7 internationally leading achievements, achieved a "breakthrough from zero" in the initiation of international standards, and won 14 provincial, ministerial, and industry science and technology awards.



The independently developed project, China's first comprehensive offshore wind power detection platform, has resolved a series of bottleneck technological challenges, such as the precise location of submarine cable fault points, and filled a domestic gap in magnetic field detection technology for submarine cables. It has set a benchmark in the field of offshore wind power technology innovation.

The Company completed the world's first floating wind-fishery integration platform, the "Guoneng Gong Xiang Hao", which was selected in the list of major achievements in the electric power industry. It overcame five key technologies, including foundation design and shallow water mooring, and successfully developed three core equipment systems, such as the integrated foundation and dynamic submarine cables. The achievements were appraised by experts as having reached an internationally leading level, providing a new paradigm for the development of China's floating offshore wind power and responding with concrete action to President Xi's call for a "Maritime Power".



### Case | Wind turbine anti-icing and de-icing technology achieves internationally leading level

In June 2025, the project achievement "Breakthrough in Research and Engineering Application of Wind Turbine Anti-Icing and De-Icing Technologies under Extreme Climatic Conditions" of Longyuan Power successfully passed the scientific and technological achievement appraisal organized by the Chinese Society for Electrical Engineering, with the overall technology reaching an internationally leading level. This technology resolves issues caused by wind turbine icing under different climatic conditions, such as decreased power generation efficiency, increased equipment failure rates, and prominent safety hazards. The project team proposed and successfully applied composite anti-icing technology for the first time within the industry. It is currently being implemented in wind farms in regions such as Guizhou and Shaanxi. This marks a significant leap for wind power anti-icing technology, shifting from a single-technology approach addressing light to moderate icing towards a more universally applicable comprehensive anti-icing technology, which is of great significance for enhancing the operational safety and economic efficiency of wind turbines.

### Cultivate scientific and technological talents

The Company, through the implementation of a "two-wheel drive" model combining major projects and talent cultivation, has established a joint R&D echelon comprising "young enterprise scientific and technological talents + university R&D teams + engineering master's and doctoral students". It successfully obtained approval for a National Post-doctoral Scientific Research Workstation and was designated as a dual supporting institution for both the National Natural Science Foundation of China and the Beijing Municipal Natural Science Foundation. This has opened up a dual-channel project application pathway at the national and provincial/ministerial levels, further clearing the "last mile" in attracting, cultivating, utilizing, and retaining high-level talent. The Company declared talent requirements across 8 professional directions, cultivated 4 enterprise mentors, and enrolled 2 post-doctoral researchers. In 2025, the Company added 2 group chief experts and 2 skilled craftsmen of CHN Group level, and 6 young pioneers in scientific and technological innovation.

### Case | Special training on technology innovation and efficiency successfully held

In November 2025, Longyuan Power successfully held a special training session on technology innovation and efficiency, attended by nearly 60 relevant personnel from the Company's headquarters and its subsidiaries. The training adopted a multi-dimensional teaching model of "policy interpretation + case study explanation + system demonstration", precisely aligning with industry development trends and the Company's actual needs. It strengthened the collaboration and coordination among technology management teams of various units, effectively enhancing the standardization level of overall work. The outcomes of this training provide clear guidance for subsequent technological research and development and the transformation of achievements, promoting the integration of technological strengths into all aspects of production and operations, and continuously solidifying the technological foundation for high-quality development.

## Promoting digital transformation

The Company continues to advance its digital transformation. It has developed the first AI large model in the new energy industry and successfully created the first batch of 7 benchmark application scenarios, leveraging artificial intelligence technology to empower business operations and management for enhanced quality and efficiency. Relying on the "Longteng No.1" new energy intelligent management platform, the Company has achieved integrated and coordinated management and control across Party building, planning, engineering, safety, production, operations, and administration. It has issued a special action plan for "Artificial Intelligence +", upgraded the digital platform for production and operations, optimized algorithm models and application processes for core scenarios, and continuously promoted the large-scale implementation of intelligent scenarios, striving to enhance the Company's level of intelligence. In 2025, the "High-Quality Dataset for the Wind Power Industry" constructed by the Company received dual authoritative certification from the National Data Administration and the State-owned Assets Supervision and Administration Commission, becoming the only selected model in the wind power sector.



The "Qingyuan" large model was officially launched.

## Intellectual property

The Company strictly complies with laws and regulations related to intellectual property, such as the Patent Law, the Trademark Law, and the Copyright Law of the People's Republic of China. It has established and improved an intellectual property management system covering all stages: research and development, application, utilization, protection, and transformation. The Company regularly conducts intellectual property compliance training for employees and strengthens the prevention and control of intellectual property risks. During external cooperation, the Company clearly defines issues such as ownership, use, maintenance, and risk response of intellectual property with its partners. It incorporates intellectual property protection clauses into contracts signed with suppliers, covering aspects like ownership, use, and risk prevention and control. The Company respects the intellectual property achievements of all parties, prohibits infringing activities, and actively promotes the creation, protection, and transformation of its own independent intellectual property.



Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd. obtained the Certification Certificate for Intellectual Property Compliance Management System.

## Risk and opportunity management

The new wave of technological revolution and industrial transformation brings unprecedented development opportunities to Longyuan Power, but it also accompanies potential risks.

### Technology R&D challenges

With the implementation of the Energy Law of the People's Republic of China, the full participation of new energy into the electricity market, the further deepening of electricity market reforms, the accelerated adjustment of the energy structure, the rapid expansion of new energy scale, and the accelerated construction of a new type of power system, the new energy industry faces significant challenges that also drive technological breakthroughs and innovations. We will anchor our efforts on core and cutting-edge technologies in areas such as large-capacity wind turbines, new-type energy storage, far-reaching offshore wind power, high-efficiency photovoltaics, multi-energy complementarity, and smart energy systems. Focusing on integration, scalability, and originality, we systematically plan pre-research projects and accelerate the development of more original, critical, and disruptive achievements. This provides new quality productive forces and technological guarantees for our main business directions, including high-precision power forecasting, electricity market participation, smart station operations, new energy planning and construction, and digital and intelligent transformation.

### Collaboration risks and opportunities

In the process of industry-university-research collaboration and upstream and downstream industry chain cooperation, we are fully aware of the importance of key elements such as compatibility of technical capabilities, benefit balancing mechanisms, and intellectual property protection. Regarding the integration of industry, university, research, and application, we integrate high-quality resources from research institutes, manufacturers, and high-end think tanks. We conduct joint R&D in a planned manner to enhance our capacity to occupy and absorb core technologies, transforming core technologies into the Company's technology reserves. We deepen university-enterprise integration, relying on joint university-enterprise workstations and innovation consortia to actively promote the reserve of research capabilities, the transformation of research results, and the cultivation of high-end talents. In terms of industry chain cooperation, we conduct thorough research and feasibility studies before project construction, entrust third parties with comprehensive due diligence to evaluate partners' technical strength, performance capabilities, and credit status. At the same time, we actively participate in industry associations, product exhibitions, and technical exchange meetings, and strengthen exchanges on innovative and cutting-edge technologies within the industry, which not only helps expand business channels and enhance the Company's industry influence but also promotes the optimization and upgrading of the industry ecosystem.

## Indicators and objectives

We will adhere to the principle of technological innovation driving the high-quality development of green power, focusing on key technological bottlenecks that restrict operational development, and conquer key technologies constraining development and operation. Focusing on the layout of far-reaching offshore resources, we will accelerate research on core technologies such as offshore flexible DC transmission and typhoon resistance for ultra-large wind turbines. In conjunction with the development of "Desert-Gobi-Wasteland" large bases, we will deepen research on key technologies such as multi-energy complementarity and grid-forming energy storage support, reserving core competitiveness for project development. We will further deepen digital and intelligent empowerment, iterate the "Qingyuan" large model, and promote the multi-modal three-dimensional inspection mode such as unmanned aerial vehicles and robots. We will formulate the group standard for new energy data inclusion in the table, standardize the data inclusion process, and release the value of technological capabilities through digital industrialization.

Indicator	Unit	Data in 2025
Valid patent	item	450
Newly-added patent applications	item	184
Invention patent	item	135
Utility model patent	item	49
Participants in national or industry standards	item	6
R&D investment	RMB100 million	3.47
R&D investment intensity	%	1.15





## NATURE: Safeguard the ecology

The Company consistently adheres to the principle of prioritizing ecological conservation and pursuing green development. It proactively assesses climate-related risks and addresses the challenges of climate change, contributing to the achievement of the dual carbon goals through clean energy development. The Company implements full lifecycle environmental management, strengthens the standardized control of pollutants and waste, and coordinates efforts in ecological restoration and biodiversity protection, actively fostering a green development pattern where humanity and nature coexist in harmony. It vigorously promotes the circular economy, deepens resource-efficient production and green office practices, and comprehensively improves resource utilization efficiency. By doing so, it supports the Company's high-quality and sustainable development with robust ecological and environmental protection.

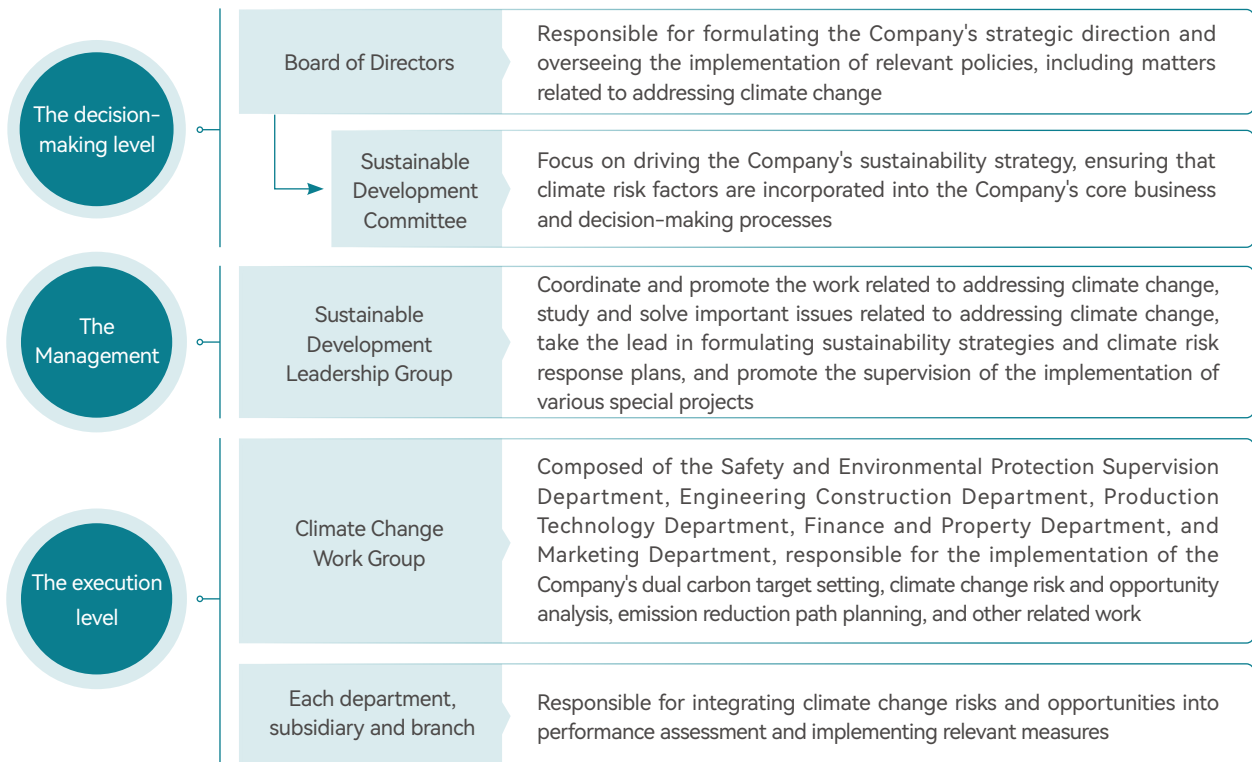
# Deepening climate action

Longyuan Power strictly adheres to the climate-related disclosure requirements of the Hong Kong Stock Exchange and the Shenzhen Stock Exchange. It actively identifies, assesses, and addresses risks and opportunities related to climate change, systematically analyzes the impacts of climate change risks on the Company's business model, value chain, strategy, and financial performance, and implements precise measures to optimize its performance on climate change-related issues.

## Governance

The Company has integrated climate change response into its corporate governance framework under the Board of Directors and the overall management system. The Board of Directors and the management convene regular meetings to study and deliberate on key work related to climate change risks and opportunities. At the implementation level, a Climate Change Working Group undertakes specific tasks, including formulating climate risk assessment and response strategies, seizing low-carbon transition opportunities, and actively participating in the carbon market. This effectively addresses the risks and challenges posed by climate change, supporting the achievement of green and low-carbon development goals. The business responsible department has embedded extreme weather risk prevention into its daily operational control system, while simultaneously focusing on improving energy utilization efficiency by continuously monitoring and optimizing the power consumption rate; enhancing the sales efforts of green power and green certificates, accelerating the development of high-quality carbon asset projects, and expanding trading channels; capitalizing on green opportunities to acquire high-quality new energy project resources. All the aforementioned climate-related indicators are incorporated into the performance appraisal and compensation system.

In 2025, the Company invited industry experts to conduct four specialized training sessions for directors, management, and various business departments. These sessions covered topics such as climate information disclosure regulatory rules, climate change scenario analysis tools, and the quantification of financial impacts, thereby enhancing the team's awareness of climate risk management and their professional assessment capabilities.



The Company has fully integrated climate risk and opportunity management into the entire process of business activities, emergency management, and risk control, establishing a standardized institutional framework.

<p><b>Business Activities</b></p>	<p>Energy Conservation Management Measures                  Management Measures for Fire Prevention Classification of Power Generation Equipment in Forest and Grassland Areas                  Management Measures for Power Forecasting and Wind/Solar Resource Measurement                  Management Measures for Carbon Emissions and Carbon Trading                  Management Measures for Electricity Trading                  .....</p>
<p><b>Emergency Management</b></p>	<p>Provisions on the Management of Emergency Response to Emergencies                  Implementation Rules for Management of Extreme Weather Response                  Management Measures for Emergency Duty                  .....</p>
<p><b>Risk Control</b></p>	<p>Provisions on Internal Control and Risk Management                  Risk Classification Checklist                  .....</p>



Ningxia Tengger "Desert-Gobi-Wasteland" New Energy Base Phase II

## Strategy

Longyuan Power places high importance on the risks, challenges, and opportunities arising from climate change. It systematically identifies and assesses the impacts of climate change on its business model, strategic decisions, and current and expected financial performance. The Company has launched a series of innovative initiatives centered on climate change mitigation and adaptation: continuously strengthening its capacity to respond to extreme weather events, fortifying the safety line of energy production and operations, steadily improving the supply of clean electricity and the realization of its environmental value, advancing carbon asset management towards greater professionalism, standardization, and value creation, and providing comprehensive practical support for the green and low-carbon transformation of the industry. Concurrently, it proactively conducts climate impact scenario analyses to further enhance business resilience and competitiveness.

Risk/ Opportunity Category	Risk/ Opportunity Name	Specific Description	Time Horizon	Impact on Business Model and Value Chain
Climate-related physical risks	Extreme weather	The occurrence of extreme weather events poses challenges to the Company's operational safety, asset safety, and personnel safety.	Short-term	<ul style="list-style-type: none"> <li>Operational interruption affects the utilization hours of power generation equipment, reducing the reliability of power supply</li> <li>Damage to wind and photovoltaic power equipment, increasing maintenance costs and insurance premiums</li> <li>Inability to transport upstream raw materials and electricity products on schedule due to transportation difficulties and transmission line interruptions increases supply chain system risks</li> </ul>
	Wind speed and solar irradiance trends	Inter-annual fluctuations in wind energy and solar energy resources.	Medium, long-term	<ul style="list-style-type: none"> <li>Changes in power generation efficiency affect electricity output.</li> </ul>
Climate-related transition risks	Policy and law	Policy changes related to new energy power generation, environmental regulations, etc. impact revenue or compliance.	Short, medium-term	<ul style="list-style-type: none"> <li>Electricity prices fluctuate due to the phase-out of new energy subsidies and the release of policies related to market-oriented electricity trading;</li> <li>The trend of mandatory climate information disclosure domestically and internationally requires the company to strengthen carbon emission accounting and information transparency, significantly increasing compliance costs</li> </ul>
	Market	Enterprises compete for high-quality wind and solar resources, leading to intense competition in new energy project development. New energy output is significantly affected by weather, impacting electricity trading.	Short, medium-term	<ul style="list-style-type: none"> <li>Intensified competition and insufficient consumption capacity affect profit margins and market share.</li> <li>Short-term electricity spot trading price fluctuations occur</li> </ul>
	Technology	The new power system imposes higher requirements on technological innovation in the new energy sector.	Short, medium-term	<ul style="list-style-type: none"> <li>Strong fluctuations in wind and solar resources, requiring the Company to continuously invest in research and development expenses to improve the accuracy of power forecasting</li> <li>The new-type power system places higher demands on technological innovation in the new energy sector</li> </ul>

## Identification of climate risks and opportunities

Through industry information gathering, departmental interviews, and field research at its subsidiaries and branches, the Company systematically reviewed historical and potential future risks, identifying a list comprising 9 physical risks, 11 transition risks, and 9 transition opportunities. Internal and external experts were organized to conduct risk assessment scoring, accurately pinpointing climate risks that have a significant impact and high urgency on the Company's business development, asset safety, and operational continuity. This process resulted in the formation of the Company's climate risk and opportunity matrix.

	Impact on Strategy and Decision-making	Current Period Financial Impact <sup>5</sup>	Expected Financial Impact <sup>6</sup>
	<ul style="list-style-type: none"> <li>Conduct regular emergency drills</li> <li>Purchase natural disaster insurance and personnel work safety liability insurance for projects to hedge risks</li> <li>Carry out special training on climate event response;</li> <li>Rely on "natural disaster emergency command" system to monitor real-time equipment operation on site, connected with meteorological data to issue timely early warnings</li> </ul>	<ul style="list-style-type: none"> <li>In 2025, operational interruptions caused by extreme weather such as low temperatures, heavy rain, and typhoons led to a reduction in power generation and consequently lower operating revenue. This impact accounted for approximately 0.45% of the Company's annual revenue and did not have a material impact on the Company</li> </ul>	<ul style="list-style-type: none"> <li>Revenue loss due to operational interruption</li> <li>Loss of asset value and impairment</li> <li>Increase in operating and management costs</li> </ul>
	<ul style="list-style-type: none"> <li>Distributed layout across the country to balance power generation.</li> </ul>	<ul style="list-style-type: none"> <li>Decrease in wind speed led to a year-on-year decrease in utilization hours, reducing</li> </ul>	<ul style="list-style-type: none"> <li>Fluctuations in operating revenue</li> </ul>
	<ul style="list-style-type: none"> <li>Closely track national policies, laws, and regulations; develop diversified electricity marketing strategies; cultivate electricity trading professionals</li> <li>Strengthen carbon emission accounting to ensure data accuracy and reliability; improve the quality of information disclosure to enhance transparency and credibility</li> </ul>	<ul style="list-style-type: none"> <li>Decrease in electricity prices due to the policies related to market-oriented electricity trading resulted in a reduction in operating revenue</li> </ul>	<ul style="list-style-type: none"> <li>Fluctuations in operating revenue</li> </ul>
	<ul style="list-style-type: none"> <li>Adhere to a "one province, one policy" approach, focus efforts on large-scale bases and offshore projects, and vigorously promote the "new energy +" model to enhance competitive advantage..</li> <li>Scientifically deploy supporting energy storage technology to improve power supply stability</li> </ul>	<ul style="list-style-type: none"> <li>Fluctuations in operating revenue</li> </ul>	<ul style="list-style-type: none"> <li>Fluctuations in operating revenue</li> </ul>
	<ul style="list-style-type: none"> <li>Leverage the digital platform for new energy production, and embed Qingyuan AI big model, gather high-precision meteorological data, and optimize power forecasting technology</li> <li>Promote technological innovation, deploy cutting-edge technologies such as far-reaching offshore wind power, long-duration energy storage, and solar thermal power generation</li> </ul>	<ul style="list-style-type: none"> <li>Research and development expenses occur</li> </ul>	<ul style="list-style-type: none"> <li>After technology upgrade, power generation efficiency improved, operation and maintenance costs decreased, and long-term returns improved</li> </ul>

Risk/ Opportunity Category	Risk/ Opportunity Name	Specific Description	Time Horizon	Impact on Business Model and Value Chain	Impact on Strategy and Decision-making	Current Period Financial Impact <sup>5</sup>	Expected Financial Impact <sup>6</sup>
Climate-related transition opportunities	Renewable energy development	Against the backdrop of the “dual carbon” goals, renewable energy development has broad prospects.	Short, medium, long-term	<ul style="list-style-type: none"> <li>Accelerated development of regional wind and solar resources drive an increase in project scale and power generation.</li> </ul>	<ul style="list-style-type: none"> <li>Steadily expand installed capacity and increase power generation</li> <li>Balance development of wind and solar power, pursue multi-energy complementarity, explore integrated models for hydrogen, ammonia, and methanol, and promote high-quality development of new energy</li> </ul>	<ul style="list-style-type: none"> <li>Expansion of new energy power generation installed capacity resulted in capital expenditure of RMB21.10 billion</li> </ul>	<ul style="list-style-type: none"> <li>Enrich the integrated development model of “New Energy+”, obtain new economic growth drivers</li> </ul>
	Consumer preferences	The consumer market exhibits preferences for green and low-carbon products	Short, medium, long-term	<ul style="list-style-type: none"> <li>Growing societal demand for green electricity and green certificates</li> </ul>	<ul style="list-style-type: none"> <li>Leverage the scale advantages of new energy, precisely match demand-side needs, and adopt multiple measures to increase green electricity and green certificate trading volumes</li> </ul>	<ul style="list-style-type: none"> <li>Green certificates were traded, generating operating revenue of RMB114 million</li> </ul>	<ul style="list-style-type: none"> <li>Continuous generation of operating revenue</li> </ul>
	Carbon market	The gradual expansion of the national carbon market, the resumption of CCER trading, and the progressive improvement of carbon market trading mechanisms	Short, medium, long-term	<ul style="list-style-type: none"> <li>Effective development and management of carbon assets will generate revenue growth for the Company</li> </ul>	<ul style="list-style-type: none"> <li>Participate in the formulation of carbon footprint-related standards and methodologies</li> <li>Actively develop carbon sink projects and participate in market trading</li> </ul>	<ul style="list-style-type: none"> <li>Voluntary carbon emission reductions issued to renewable energy projects were sold to generate operating revenue of RMB3,095,900</li> </ul>	<ul style="list-style-type: none"> <li>Continuous generation of operating revenue</li> </ul>
	Green financing	The government has successively introduced policies supporting green finance.	Short, medium, long-term	<ul style="list-style-type: none"> <li>Increase support for green financing, and reduce financing costs.</li> </ul>	<ul style="list-style-type: none"> <li>Issue low-interest green medium-term notes and green bonds to meet the Company's green investment needs</li> </ul>	<ul style="list-style-type: none"> <li>In 2025, we issued a tranche of RMB1.5 billion in green middle-term notes, with a term of 5 years and an interest rate of 1.89%</li> </ul>	<ul style="list-style-type: none"> <li>Advantage in long-term financing costs sustained, and financial flexibility was enhanced, supporting larger-scale project investment.</li> </ul>

<sup>5</sup> In the physical risk matrix, acute risks are represented in orange, while chronic risks are represented in blue. Risks located within the green area in the upper right corner of the matrix are those with both high "risk occurrence frequency" and high "risk severity", and are accordingly defined as the Company's key risks.

<sup>6</sup> The expected financial impact data of climate-related risks and opportunities involve the Company's future strategic planning and commercially sensitive information. To protect the interests of the Company and all shareholders, specific amounts are not disclosed in this period. The Company will, based on actual circumstances.

## Climate change adaptation and mitigation actions

### ○ Responding to extreme weather

The Company strengthens the prevention and control of extreme weather events. It implements a mechanism of "quarterly comprehensive inspections + monthly inspections during flood seasons + special inspections after warnings", standardizes the preparation of emergency plans, and conducts training and drills to enhance emergency response capabilities. Relying on the "Natural Disaster Emergency Command" system within the production digital platform, it completes 72-hour graded early warnings and dynamic risk assessments for meteorological events and disasters, accurately identifies affected stations (projects), and formulates differentiated protection strategies.

The Company continuously improves the precision and systematic nature of its climate change response actions. For disasters such as typhoons and low-temperature freezing, it has established a full-process mechanism of "early warning - prevention and control - disposal - review". It has summarized the practical experience of "isolated island typhoon resistance" in Eling of Guangdong, and comprehensively applied it in wind farms in various coastal provinces frequently affected by typhoons, continuously enhancing its risk resistance capabilities under extreme weather conditions.



Installation of heated ultrasonic meteorological instruments

### Case | Longyuan Power successfully withstood the direct impact of super typhoon Huajiasha

In September 2025, the 18th typhoon of the year, super typhoon Huajiasha, made landfall in Hailing Island, Yangjiang City, Guangdong Province, directly striking the Company's Guangdong Eling Wind Farm. In strict accordance with meteorological warnings and emergency plan requirements, the wind farm conducted consultations and assessments and swiftly initiated an emergency response. Defense lines were fortified through measures such as real-time monitoring of warnings, orderly personnel evacuation, enhanced information reporting, facility reinforcement, material stockpiling, and emergency equipment testing. Following the typhoon's landfall, the upstream substation of the wind farm tripped and video transmission was interrupted. Guangdong Company promptly activated backup power to restore supply, and the wind turbines entered typhoon-resistant mode. In response to insufficient battery power in the turbines, operations personnel decisively implemented manual yawing to face the wind. Ultimately, the typhoon was successfully withstood, with all equipment on site functioning normally and personnel on duty remaining safe.

**76,469.35** GWh  
new energy generation

**64.4048** million tons  
of CO<sub>2</sub> emissions reduced

RMB **1.5** billion  
issued green medium-term notes

○ Supply of green energy

Longyuan Power actively responds to the national "dual carbon" strategic goals by vigorously developing new energy sources such as wind and solar power, and continuously increasing its new energy power generation. In 2025, the Company's new energy power generation reached 76,469.35 GWh, equivalent to a reduction of 64.40 million tons of carbon dioxide emissions, making a positive contribution to building a clean, low-carbon, safe, and efficient energy system.

The Company adheres to the concept of green development, establishes a unified management model for green certificates, and prepares a list of filing and certification materials to ensure that all green certificates are obtained as much as possible, thereby maximizing the realization of their green environmental value. During the reporting period, the trading volume of green electricity and green certificates increased by 27.74% and 59.47% year-on-year, respectively.

○ Deepening carbon asset management

The Company actively develops and participates in various carbon projects, maintaining an active presence in the international and national voluntary carbon trading markets. It contributes to the achievement of emission reduction targets through sound carbon trading strategies. Several offshore wind power and forestry carbon sink CCER projects have completed the validation and public notification processes, and distributed photovoltaic carbon inclusive projects in Shanghai have been declared. In 2025, Longyuan Power took the lead in completing the first batch of newly certified emission reduction (CCER) transactions, marking a strong start for the market and accumulating substantial carbon asset reserves.

The Company continues to standardize industry carbon inventory procedures and promotes the healthy development of areas such as industry carbon price indices and carbon footprint quantification. It has deepened its involvement in cutting-edge research on carbon emission statistics. The Standard for Methods of Carbon Emission Testing and Monitoring in Civil Building Operation (No.: T/CECS 2028-2025), in which the Company participated as a co-compiler, was officially approved and released by the China Association for Engineering Construction Standardization. This standard fills an industry gap in methods for testing and monitoring carbon emissions within the building sector in China.

**Case | Longyuan Power's On-Chain Technical Requirements for Carbon Emission and Carbon Trading Data Approved for Release**

Leveraging its years of practical experience and technological accumulation in fields such as carbon asset data management and blockchain technology application, Longyuan Power, as the lead drafting unit, formulated the group standards of the "Technical Requirements for On-Chain Carbon Emission and Carbon Trading Data of Power Generation Enterprises" (No.: T/CEC 1310-2025). By specifying aspects such as on-chain format for carbon emission and carbon trading data, data interfaces, and security requirements, it precisely addresses long-standing industry challenges including inconsistent standards for carbon data on the chain, insufficient credibility, and inefficient cross-entity collaboration. The Company is also actively participating in the development of relevant international standards, and is committed to providing a referenceable carbon data governance solution for energy enterprises globally.

## Climate impact scenario analysis

We regularly conduct analysis and assessment to evaluate the potential impacts of climate change under different climate scenarios on the Company's operations and business, as well as the Company's strategic and operational resilience to climate-related changes, developments, and uncertainties under specific climate scenarios. In 2025, we carried out a climate scenario analysis covering Longyuan Power's operational wind and solar projects, including those in Mainland China, adjacent sea areas, and overseas operating locations. By calculating the physical risk exposure<sup>5</sup> at each location and the Carbon Value-at-Risk (CVaR)<sup>6</sup>, we quantitatively assessed the impact of climate-related physical and transition factors on the Company.

### ○ Climate physical risks

The Company employs the high-emissions (SSP5-8.5) and medium-emissions (SSP2-4.5) scenarios from the IPCC Fifth Assessment Report. Long-term projections indicate that the frequency of extreme weather events is significantly higher under the high-emissions scenario compared to the medium-emissions scenario. Regarding climate physical risks, the Company focuses on the potential impacts of acute and chronic risks under the high-emissions scenario. Assessments indicate that, due to the geographical dispersion of the Company's asset layout and the prudent demonstration conducted during the preliminary site selection for projects, the Company's overall climate risk exposure is at a low-to-medium level, demonstrating strong climate resilience. Only extreme precipitation has been assessed as a key climate risk for the Company, mainly concentrated in coastal provinces such as Jiangsu, Fujian, and Guangxi, representing the primary challenge affecting the Company's asset safety.

### ○ Climate transition risks and opportunities

The Company adopted the Stated Policies Scenario (STEPS) and the Net Zero Emissions by 2050 Scenario (NZE) from the International Energy Agency's (IEA) World Energy Outlook to assess climate change transition risks and opportunities. The STEPS serves as a baseline scenario, extending the existing policy framework. The NZE represents a stringent decarbonization pathway aimed at achieving net-zero emissions in the energy sector by 2050. Assessments show that the Company has a cumulative net surplus in its future carbon budget and a low transition risk exposure. The Company's new energy business portfolio is highly aligned with the national direction of green and low-carbon transformation. It possesses significant potential for growth from transition opportunities, and its green development value is considerable.

<sup>5</sup>Physical risk exposure measures the level of asset losses caused by climate physical risks.

<sup>6</sup>Carbon Value-at-Risk (CVaR) is used to estimate the percentage impact of asset gains or losses resulting from low-carbon transition risks on a company's enterprise value. A positive CVaR represents a net gain, while a negative value represents a net loss.

## Risk and opportunity management

The Company places high importance on the identification, assessment, and management of climate-related risks and opportunities. It has integrated climate risks into its comprehensive risk management system, established relatively comprehensive processes for the identification, assessment, response and monitoring of climate change risks, continuously updates them based on actual circumstances, and regularly reports relevant matters to the Board of Directors.

Climate Risk Management Process and Methods	
Risk Identification	<ul style="list-style-type: none"> <li>• Cover Longyuan Power's operational wind and solar projects, including those in Mainland China, adjacent sea areas, and overseas operating locations</li> <li>• Engage external professional institutions and establish a Climate Change Working Group in conjunction with relevant departments to screen climate change risks faced by various business areas</li> </ul>
Risk Analysis	<ul style="list-style-type: none"> <li>• For climate risks, scores are assigned based on two dimensions: the severity of the risk occurrence and the probability of the risk occurrence</li> <li>• For climate opportunities, scores are assigned based on two dimensions: the attractiveness of external factors (e.g., market and policy favorability) and the alignment of internal capabilities (e.g., fit with existing business, technology and talent reserves)</li> <li>• A climate risk and opportunity list is formulated.</li> </ul>
Risk Response	<ul style="list-style-type: none"> <li>• Risk avoidance    • Risk acceptance    • Risk transfer</li> <li>• Risk hedging    • Risk compensatio    • Risk control</li> </ul>
Risk Monitoring	<ul style="list-style-type: none"> <li>• The internal control risk management system is applied to manage climate risks throughout the entire process.</li> <li>• Regular assessment of the potential impacts on the Company's operations and business under different climate scenarios is conducted every five years. When significant changes occur in the Company's business, analysis and assessment work is carried out promptly within the current fiscal year.</li> </ul>



Zhejiang Linhai Kuocangshan Wind Farm

## Indicators and objectives

We will actively respond to the national "dual carbon" strategic deployment and establish a systematic climate change governance system. We will strengthen the identification, assessment, and response to climate-related risks and opportunities, improve climate risk management process, thoroughly implement extreme weather risk prevention and response measures, and enhance climate resilience. We will continuously expand the scale of green electricity and green certificate trading, steadily advance the development and operation of carbon assets, and improve the realization pathway for green and low-carbon value. We will explore the research on the accounting system for Scope III greenhouse gas emissions and strengthen carbon footprint management. Always adhering to the philosophy of green and low-carbon development, we will fully leverage our role as a new energy enterprise leader, proactively address climate change through concrete actions, and contribute to the green transformation of the energy structure.

Indicator	Unit	Data in 2025
Total greenhouse gas emissions	tCO2e	220,681.42
Scope I Greenhouse gas emissions	tCO2e	22,081.23
Scope II Greenhouse gas emissions	tCO2e	198,600.18
Total greenhouse gas emission reductions	tCO2e	7,133,383.49
Standard coal equivalent saved by renewable energy generation	ton of standard coal	22,744,800
Greenhouse gas emission reductions through renewable energy generation	tCO2e	64,404,800
Green electricity trading	GWh	8,560
Green certificate trading	10,000 orders	1,632.2

# Strengthening environmental management

The Company upholds the ecological civilization philosophy of "respecting, conforming to, and protecting nature". Adhering to the principles of legal compliance, full-process control, addressing both symptoms and root causes, and green efficiency enhancement, it has established a comprehensive, multi-level environmental protection management system, balancing ecological and economic benefits in the development of clean energy.

## Governance

We strictly comply with national laws and regulations such as the Environmental Protection Law of the People's Republic of China and the Law of the People's Republic of China on Water and Soil Conservation, as well as industry standards, and have established a full lifecycle environmental compliance management system. We formulated the 2025 ecological and environmental protection work documents, defining the work program, schedule, and milestones. Environmental compliance indicators are incorporated into the KPIs of each unit, with detailed and quantified assessment terms. The assessment results are directly linked to compensation and performance evaluations.

The Company has established a three-tier linked ecological and environmental governance structure. The decision-making level consists of the Board of Directors and the Sustainable Development Committee. The Board of Directors is responsible for setting the Company's strategic direction and supervising the implementation of relevant policies, while the Sustainable Development Committee oversees matters related to environmental management and provides professional opinions. The management level is composed of the Ecological and Environmental Protection Work Leading Group, which coordinates and advances ecological and environmental protection efforts, studies and resolves significant issues, and implements relevant guidelines and policies. Departments, subsidiaries, and branches form the execution level for environmental management. The safety and environmental protection supervision department serves as the supervision department, regularly organizing environmental protection work meetings, conducting ecological and environmental protection inspections and incident investigations, and formulating ecological and environmental emergency plans. The planning and development department, engineering construction department, production technology department, offshore business department, and other relevant departments serve as the primary departments responsible for business operations. They handle the compliance procedures for land, forest, and grassland, strictly supervise the "three simultaneities" (design, construction, and operation), and fulfill the responsibility for environmental protection inspections of existing projects. Subsidiaries and branches implement the ecological and environmental protection work documents, integrating environmental concepts into daily production and operations.

- Provisions for Ecological and Environmental Protection Work (Trial)
- Provisions for Safety and Environmental Protection Supervision Work
- Special Assessment Measures for Safety and Environmental Protection Supervision Work
- System for Safety and Environmental Protection Inspection Work
- Implementation Rules for Ecological and Environmental Protection Work Conduct of New Energy Power Generation Enterprises
- Provisions for Internal Investigation and Handling of Ecological and Environmental Incidents (Trial)
- Management Measures for Identification, Assessment and Control of Environmental Aspects
- Management Measures for Hazardous Waste (Trial)

.....

## Strategy

We strictly implement the primary responsibility for ecological and environmental protection, establishing an environmental management system covering the full lifecycle of projects. We build a solid defense line for environmental compliance through full-chain risk management and control, reduce ecological and environmental impacts through meticulous management of water resources and solid waste, cultivate a deep-rooted culture of green compliance, and continuously promote substantive progress, quality enhancement, and efficiency improvement in ecological and environmental protection work.

RMB **179.66** million

Environmental protection investment

### Strengthen risk management and control

The Company closely monitors environmental risks throughout the project lifecycle, systematically conducts self-inspections and self-corrections for legal compliance, and has established a dedicated task force for ecological and environmental protection. Three investigation workgroups were set up for the preliminary, construction, and production stages to comprehensively verify the compliance procedures of the inspected units, including environmental protection, water and soil conservation, water abstraction, and hazardous waste management. Focusing on key risk points such as the implementation of the "three simultaneities" (design, construction, and operation) for new projects and the handling of permits and procedures, we strengthen preliminary review and process control, improve the "one file for one issue" record system and dynamic supervision mechanism, effectively preventing compliance risks. Four subsidiaries, namely Engineering Technology Company, Carbon Asset Management Company, Zhongneng Power Technology Company, and Longyuan South Africa Company, have obtained ISO 14001 Environmental Management System certification.

### Prioritizing water conservation

The Company strictly abides by the relevant provisions on ecological and environmental protection for 2025, adheres to the rigid constraints on water resources, and follows the principle of "Four Determinations Based on Water"—determining cities by water, determining land by water, determining population by water, and determining industries by water. It implements the water resources management and control requirements for key river basins and regions such as the Yangtze River and the Yellow River, standardizes the whole-process management of water withdrawal and utilization, and strictly prohibits unlicensed water intake and excessive water withdrawal. The Company strengthens the supervision and assessment of the entire process of water withdrawal and utilization, and makes solid efforts to advance the battle for clean water protection.

For large-scale operational photovoltaic projects, the Company systematically formulates special water usage plans and management systems. By optimizing water use structures, improving water use methods, and implementing water-saving renovations, it continuously reduces water resource consumption and enhances the level of intensive utilization. New energy stations strictly adhere to environmental impact assessment requirements by constructing supporting sewage treatment facilities and conducting routine operation, maintenance, and performance control of sewage treatment devices to ensure compliant operation. Projects under construction rigorously control environmental impacts during the construction period, ensuring timely collection and compliant disposal of construction wastewater and waste, safeguarding water environment safety throughout the entire process.

### Strengthening solid waste management

The Company strictly complies with laws and policies such as the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, the Management Measures for the Transfer of Hazardous Waste, and the National Hazardous Waste List (2021 Edition). Responding to the State Council's requirements for reforming the hazardous waste regulatory capacity, the Company has optimized and improved its Management Measures for Hazardous Waste. It implements classified control according to the waste categories and codes specified in the list, strengthening meticulous management and control throughout the entire process from hazardous waste generation, storage, and transfer to disposal. It promotes the development of zero-waste enterprises, and constructs standardized hazardous waste and solid waste storage areas in Anhui and Hebei, equipping them with intelligent weighing equipment, and leveraging digital systems to achieve dynamic monitoring of the entire hazardous waste process.

### Cultivating an environmental culture

The Company strengthens institutional guarantees, training, and communication, integrating environmental requirements into the entire process of project initiation, engineering construction, and production operations. It regularly conducts multiple rounds of layered and categorized ecological and environmental protection training, precisely covering leaders at grassroots units and personnel in key positions such as preliminary development, engineering, and production. The focus is on enhancing employees' awareness of environmental responsibility and professional performance capabilities, urging the employees to keep the ecological and environmental concepts in the mind and practice the same in action, thus building a solid cultural foundation for the Company's safe and green development.



Jiangsu Longyuan Xuyi Wind Farm maintains harmony with the surrounding environment

## Risk and opportunity management

The Company attaches great importance to the management of environment-related risks and opportunities, and establishes a management process of "risk identification, assessment, monitoring and early warning" to ensure that risks are controllable and controlled.

### Policy and regulatory risks

The current national policy environment for ecological and environmental protection features continuously strengthening rigid constraints and routine environmental protection inspections. Concurrently, supporting policies for new-type power systems are being intensively introduced, imposing higher requirements for new energy project grid connection and environmental access standards. At the local level, policies concerning ecological red line optimization, forest and grassland land use control, and water resource management are being increasingly refined, with significant regional policy variations introducing uncertainties for cross-regional project operations. The Company places high importance on systematically adapting to policy dynamics and managing risks. It meticulously identifies key policy points and incorporates them into comprehensive risk inspections. Differentiated response plans are formulated to address the detailed requirements for forest, grassland, and water resource management in various regions. Simultaneously, the problem rectification supervision mechanism is improved, with regular follow-ups on policy alignment and risk rectification implementation, forming a full-process closed-loop management to ensure risks are controllable.

### Environmental compliance risk

The Company's projects are widely distributed and diverse in type, making full lifecycle compliance management challenging. Delays in preliminary procedures can easily lead to compliance issues. Insufficient implementation of the "three simultaneities" (design, construction, and operation) and inadequate ecological restoration during the construction phase can cause ecological disturbances. During the operation phase, older projects may face problems such as facility aging, and leaks and spills of gases and liquids. The Company places high importance on managing full lifecycle compliance risks and has established a phased, precise response system. During the preliminary phase, progress records for forest, grassland approvals, and land procedures are maintained. During the construction phase, the supervision mechanism for the "three simultaneities" process is upgraded. During the operation phase, measures to address aging equipment are implemented. These actions form a full-process closed-loop control, ensuring risks are manageable.

## Indicators and objectives

We will deeply integrate ecological and environmental protection requirements into the full lifecycle of our projects, and make every effort to ensure that existing environmental risks are comprehensively addressed and that new environmental issues are resolved as they emerge. We will improve the collaborative environmental governance mechanism, continuously solidify the foundation of environmental management, and forge a stronger environmental shield for the Company's ecological restoration and green, low-carbon development.

Indicator	Unit	Data in 2025
Total wastewater discharge	Ton	83,831.23
Total sulfur dioxide emissions in industrial production <sup>7</sup>	Ton	0
Total nitrogen oxide emissions in industrial production <sup>8</sup>	Ton	0
Total general waste generation	Ton	3,060.12
Total hazardous waste generation	Ton	875.19

<sup>9,10</sup> The Company's core business is new energy power generation. The power generation process does not involve the combustion of fossil fuels; therefore, there are no sulfur dioxide or nitrogen oxide emissions from industrial production processes. The sulfur dioxide and nitrogen oxide emissions for this year originated solely from vehicles used for business engagement and production without detailed statistics. In the future, we will establish a routine mechanism for collecting vehicle emissions data to further enhance data completeness and accuracy.

## Guard green waters and mountains

The Company consistently upholds the ecological civilization philosophy of respecting, conforming to, and protecting nature. It integrates ecological protection into the full lifecycle of project planning, construction, and operational management, achieving coordinated development between energy development and ecological protection, and building an ecological barrier for green development.

### Ecological restoration

The Company has built a full-process, closed-loop ecological and environmental protection, restoration and management system. Upholding the principles of adapting measures to local conditions and science-based restoration, it has implemented systematic restoration measures to consolidate the ecological security barrier. During the project construction phase, the Company minimized vegetation disturbance by optimizing construction routes and carried out targeted vegetation restoration in disturbed areas, to reduce the impact of development activities to the maximum extent. In 2025, the Company actively responded to the call for the critical battle of the “Three-North” shelterbelt project, and advanced the wind- photovoltaic integrated desertification prevention and control project in Chifeng, Inner Mongolia Autonomous Region. Through measures such as sand fixation with sand barriers and planting of drought-tolerant vegetation, it has completed desertification control over an accumulated area of more than 200,000 mu, establishing a benchmark for ecological governance. During the production and operation phase, the Company conducted post-environmental impact assessments for environmentally sensitive areas of its projects in Shaanxi Province and eastern Inner Mongolia, and coordinated the advancement of vegetation restoration in the loess regions of Shanxi Province and Ningxia Hui Autonomous Region, as well as soil and water conservation on road slopes and other related work. It has formed a closed restoration loop of "monitoring, management, consolidation and improvement", continuously enhanced the quality of restoration, and promoted the sustained improvement of the regional ecological environment.



Implementing wind prevention and sand fixation measures for ecological restoration concurrently with new energy project construction

## Biodiversity conservation

The Company continuously deepens its biodiversity protection practices and establishes protection mechanisms throughout the project lifecycle. Strictly adhering to the Forest Law of the People's Republic of China and the Wildlife Protection Law of the People's Republic of China, the Company has revised institutional documents such as the Implementation Rules for Wind Farm Site Selection and the Implementation Rules for Compiling Feasibility Study Reports of Wind Power Projects to establish protection mechanisms spanning the entire project lifecycle.

During the preliminary site selection phase, the Company strictly avoids ecological conservation redlines, nature reserves, important wetlands, and areas prohibited for construction within key state-owned forest and grassland areas. It conducts investigations on red line occupation and avian impact assessments. During the construction phase, timelines are reasonably arranged to reduce noise disturbance to animals, and construction practices are standardized to avoid vegetation damage. During the operation phase, bird monitoring is carried out in regions such as Guizhou, Jiangsu, and Tianjin. The Hainan Dongfang offshore project focuses particularly on marine life protection, conducting special monitoring for rare species such as the Indo-Pacific humpback dolphin. By optimizing submarine cable laying routes for offshore projects and reserving space for fishery operations, the Company achieves synergy between energy development and ecological protection. Projects such as the Ningxia Tengger Base improve regional habitat conditions through ecological restoration, promoting the steady enhancement of biodiversity and firmly establishing the ecological civilization philosophy of respecting, conforming to, and protecting nature.



Wildlife activities within photovoltaic panel areas

## Improve resource efficiency

**9.34** tons  
of paper saved

**1,545.44** tons  
of water saved

The Company adheres to the principle of efficient resource utilization, integrating resource efficiency improvement throughout the entire process of construction, production operations, decommissioning, and daily office activities. It deepens green office practices by implementing paperless operations and energy-saving and water-saving measures. It adopts environmentally friendly processes, strictly controls resource consumption during construction, optimizes operation and maintenance technologies, and enhances the resource recycling and utilization efficiency through meticulous management; actively develops the circular economy and promote the recycling and resource utilization of wind turbine blades.

### Promote green office practices

The Company vigorously promotes green office practices. Leveraging the achievements of its digital and intelligent transformation, the Company comprehensively promotes digital office models such as electronic work tickets and electronic work orders. Through its production management and control system and digital and intelligent platforms, it realizes the digitalization of business processes, reducing the use of paper documents. In office and auxiliary production areas, it optimizes the configuration of energy-saving facilities, and adopts measures such as replacing existing cooking appliances by induction cookers in canteens to save energy and reduce consumption. The Company strengthens all employees' awareness of green office practices and resource conservation, advocates green commuting, and focuses on cultivating a low-carbon environmental protection culture to enhance the effectiveness of green office initiatives. In 2025, the headquarters office building of Longyuan Power, the Yichun Northern Training Base, and the Nantong Training Base achieved 100% green electricity consumption through the purchase of green certificates.

### Efficient resource utilization

The Company adopts multiple measures to systematically reduce energy consumption during the production and operation phase. Relying on its digital platform for new energy production, it conducts benchmarking analysis of electricity consumption data of each station, continuously optimizes operation and maintenance technologies and processes, and effectively reduces equipment operation losses. It regularly carries out preventive maintenance and special rectification of equipment defects, reducing fault-related losses at the source and improving energy production efficiency.

During the project construction phase, the concept of resource conservation is integrated into the entire process of preliminary design and construction execution. Layout planning fully conforms to the natural topography and landforms, reducing the engineering for site leveling, preserving the original landform to the greatest extent, minimizing the area of surface disturbance and the volume of earth and rock excavation, thereby conserving engineering resource consumption at the source. Environmentally friendly construction processes are actively adopted. For example, in the Henan Qingfeng project, considering the geological conditions, an innovative technical solution using precast piles combined with hole leading technology was adopted, significantly reducing the water consumption for constructing a single pile. This precise process selection achieves efficient resource utilization during the construction phase.

## Develop circular economy

The Company establishes a full-chain solid waste management system encompassing source reduction, process control, and end-of-pipe resource utilization. Various stations carry out work on repairing and reusing spare parts and components to reduce waste generation and improve resource recycling efficiency. The Company has established a platform for managing waste materials to promote the equipment standardized disposal and resource utilization technology project. Focusing on the pain points of retiring new energy equipment, Liaoning Longyuan launched the "Harmless Recovery and Resource Utilization of New Energy Solid Waste" project, building a thousand-ton-level demonstration production line in Faku, Shenyang, and establishing a closed-loop disposal process. In 2025, during the Company's hosting of the CHN Energy First ESG Competition, it innovatively used recycled materials such as decommissioned wind turbine blades to manufacture trophies, competition tables, and chairs, integrating the "zero-waste" concept throughout the entire event process and practicing the principle of resource circular with concrete actions.

**2,601.74** tons

Volume of waste recycled and reused by the Company



Recycled and repurposed decommissioned wind turbine blades are processed into section profiles and used for outdoor flooring installation at hotels

### Case | Waste resource recycling management platform: digitally empowering the circular utilization of decommissioned new energy equipment

The Company has developed a waste resource recycling management platform, pioneering a full-chain digital solution of "classified breakdown and graded disposal". It has established three core modules: equipment management records, a waste materials database, and an intelligent cockpit. A full lifecycle digital file is created for each piece of decommissioned equipment, enabling accurate assessment and traceability management. In a pilot application at the Ningxia Helanshan Wind Farm, the platform facilitated the precise disposal of 80 decommissioned units. Some components were deployed across provinces to wind farms in Fujian for continued service, while the remaining materials were recycled for resource utilization after environmentally friendly dismantling. To date, this innovative practice has resulted in the formulation of three technical specifications and industry standards, and has been honored as a special-level case in innovation in power material supply chain management. In 2025, the Company's application, "Construction and Application of Longyuan Power's Material Circular Management Platform", was successfully selected for the China Energy Research Society's 2025 Case Collection on Green Supply Chains in the Energy Industry.





# TRUST: Strengthen human foundation

We solidly protect the legitimate rights and interests of our employees, smooth their paths for growth and development, build a strong line of defense for safety and health, and deepen humanistic care initiatives. We strive to create a fair, just, safe, harmonious, and warm development environment for our employees, and forge a powerful joint force to advance towards high-quality development together with the Company.

# Protect employee rights and interests

**100%**

Signing of employment contracts

**25%**

The proportion of female senior managers

**100%**

Social insurance coverage

The Company consistently adheres to the "people-oriented" development philosophy. It continuously strengthens the functions of trade union organizations and democratic management mechanisms, makes every effort to safeguard the legitimate rights and interests of its employees, and focuses on building a respectful, potential-unlocking, and vibrant work atmosphere. This enables every employee to realize their self-worth amidst the Company's development and join hands with the Company on the path towards high-quality development.

## Equal employment

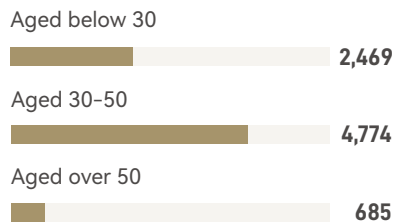
We adhere to the principle of equal employment and strictly abide by relevant national and international laws and regulations, and maintain a zero-tolerance policy towards acts such as child labor, forced labor, harassment, and bullying. We ensure equitable treatment of employees regardless of nationality, race, gender, religious beliefs, or cultural background. Labor contracts are signed with all employees in full compliance with legal requirements, achieving a 100% contractual coverage rate. During the reporting period, there were no disputed incidents of discrimination, child labor or forced labor.

Number of full-time employees

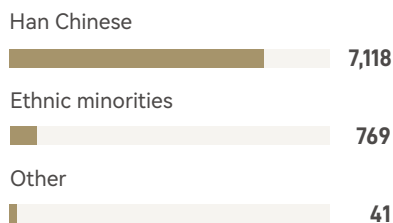
**7,928**

Unit: Person

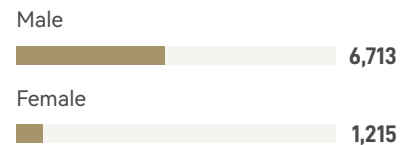
### By age



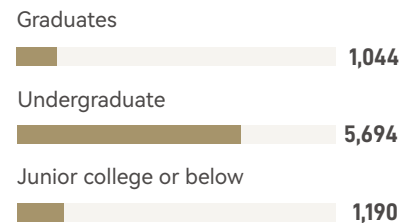
### By ethnicity



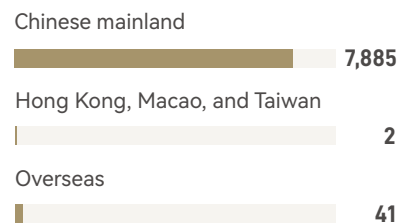
### By gender



### By educational background



### By geographical region



## Compensation and benefits

We continuously optimize our compensation and benefits system, paying the "five social insurances and one housing fund" (pension, medical, unemployment, work-related injury, maternity insurance, and housing provident fund) in full and on time for our employees. We have improved supplementary protections such as enterprise annuity, supplementary medical insurance, and personal accidental injury insurance, achieving 100% coverage for social insurance protections. All employees are entitled to non-monetary benefits including annual leave, marriage leave, paternity leave, maternity leave, and parental leave, effectively safeguarding their work-life balance.

The Company has deepened its compensation distribution mechanism based on positions, with capabilities and performance as the core, promoting the tilting of compensation distribution towards front-line positions, key positions, and talents who have made outstanding contributions. By optimizing the position-based compensation system for new energy power generation enterprises and implementing a distribution adjustment mechanism of "raising the low, expanding the middle, and limiting the high", we effectively enhance employees' sense of gain and security, fully stimulating their enthusiasm and initiative in work and entrepreneurship.

The Company has established a fair and impartial performance management system, increasing the proportion of total wages linked to performance assessments. Regular performance evaluations are conducted, encompassing processes such as planning, summary writing, internal performance presentations, and democratic evaluations. After the assessment, employees' direct supervisors promptly provide feedback, acknowledging achievements, analyzing shortcomings, and collaborating with employees to formulate improvement directions and action plans. In 2025, performance appraisals covered all employees.

## Democratic management

We deeply study and implement the spirit of the "advancing the construction of socialist democratic rule of law" from the Fourth Plenary Session of the 20th Central Committee of the Communist Party of China, practice whole-process people's democracy, and continuously improve the corporate democratic management system based on the Employees' Representative Congress as the fundamental form. We effectively safeguard employees' rights to information, participation, expression, and supervision. We organize and convene the Employees' Representative Congress to deeply discuss and review 41 employee proposals covering six aspects: reform and development, operation and management, safety production, scientific and technological progress, education and training, and employee rights and interests. Among these, 22 were formally accepted. The handling rate of proposals and the employee satisfaction rate remain at 100%, fully stimulating employees' enthusiasm for participating in corporate governance.

We continuously optimize a multi-channel grievance system, ensuring that employee concerns can be efficiently communicated through paths such as direct supervisors, the human resources department, and trade union organizations. Each grievance is assigned a dedicated person to follow up on processing and provide timely feedback. We strictly guarantee the confidentiality of information throughout the entire grievance process, comprehensively safeguarding the legitimate rights and interests of employees. At the same time, we improve institutional systems such as employee directors, transparency in factory affairs, and democratic management of work teams, further enhancing the role of new energy industry workers as masters of the enterprise, and empowering improvements in corporate governance effectiveness through democratic management.

# Focusing on employee development

The Company consistently adheres to the talent-strong enterprise strategy, regarding employee growth as a crucial support for the Company's core competitiveness. We continuously improve the full-chain system of talent introduction, cultivation, and promotion, establish diversified and high-quality development platforms, and promote the synergistic advancement of employee career development with the Company's strategic goals.

## Strengthening talent recruitment efforts

The Company has improved its employee recruitment and deployment management system, building an efficient and sustainable "talent supply" system. Graduate recruitment, social recruitment, and intra-system recruitment are carried out in an orderly manner. The 2025 spring campus recruitment focused on attracting high-caliber talent, with postgraduate degree holders accounting for 38.5% and graduates from Double First-Class universities accounting for 55.8%. The 2025 New Employee Orientation was conducted, covering 470 new employees providing a robust guarantee for the Company's talent echelon construction and human resource reserve.

## Streamlining career development paths

The Company has deepened the implementation of the Position and Rank Management Measures, methodically advancing position and rank adjustments and continuously opening up the three talent development paths: "technical, skilled, and managerial". The talent structure is continuously optimized, with the ratio of employees in management (M), technical (T), and skilled (S) tracks optimized to 27.93%:8.09%:63.98%. The number of talents in the T-track increased from 252 to 516.

## Strengthening employee capacity building

The Company has deeply implemented the Action Plan for the Construction of a Skilled, Technical, and Professional Talent Echelon (2023-2025), practicing the concept of "professional matters handled by professionals". It newly appointed 120 chief specialists, bringing the total number of appointed and proposed chief specialists to 374. In the Group's third "Three Talent Groups"<sup>8</sup> selection in 2025, the Company

RMB **47.77** million

Expenditure on employee training

**7,928** persons

Employees participating in training

**165.86** hours

Per capita hours of training employee participation in

**100%**

Employee training coverage

<sup>11</sup> The "three talent groups" refer to the three teams of "distinguished experts, leading craftsmen, and young talents".

was awarded 2 group chief experts and 2 skilled craftsmen of CHN Group level, and 6 young pioneers in scientific and technological innovation, accumulating a total of 26 individuals in the "Three Talent Groups". It selectively recommends engineering master's and doctoral to train enterprise mentors, with a total of 18 individuals in the pool. The Company continues to promote the cultivation of "Certified Professionals", providing comprehensive professional qualification certification support programs for all employees and establishing an incentive mechanism combining one-time rewards with monthly subsidies.

The Company genuinely regards talent as the primary resource for innovation and development. It has formulated the Planning Proposal for Upgrading the Quality and Efficiency of the Training System and constructed a distinctive training system featuring "One Core, Two Wings, Four Modernizations, Five Systems"<sup>12</sup>. Tailored training content and development paths are designed based on the growth needs of employees at different levels and positions, deeply integrating theoretical education, party spirit cultivation, performance capabilities, and leadership enhancement. The focus is on building a scientific, systematic, and integrated curriculum system covering all employees to empower employee growth. Annual new employee training is organized to impart basic skills and corporate culture. Leadership training is provided for all employees to enhance personnel management skills. The "Craftsmanship Training Camp" brand has been upgraded, establishing a curriculum framework of "41 courses + 822 credit hours". A total of over 500 individuals have been trained, nurturing 4 national technical experts and 67 technical experts at the provincial/ministerial level or above. The Company implements the principle of "encouraging learning through competition and application through learning", participating in 9 competitions at or above the provincial/ministerial level and hosting 2 Group-level competitions, winning 70 honors at or above the provincial/ministerial level.

Deepening university-enterprise collaboration, the Company organized a "Craftsmanship Advanced Studies Class" with Peking University, sending 74 of its "Craftsmanship Training Camp" members to Peking University for advanced studies. Academicians and several renowned scholars and professors were invited to lecture, allowing participants to experience spiritual enrichment and intellectual inspiration, promoting the upgrading of core talent capabilities towards high-end and professional standards. The Company actively expands international training. In response to South Africa's actual needs ("high proportion of thermal power, urgent need for new energy transition"), it customized a localized new energy talent cultivation program for South Africa, empowering local new energy development.



Chen Peng, recognized as one of CHN Energy's "Top Ten Outstanding Youths", is conducting fault diagnosis

<sup>12</sup> "One Core, Two Wings, Four Modernizations, Five Systems" framework refers to : with skilled talent cultivation at its core, and talent evaluation, Party building and management capacity improvement as the two key pillars, the Company promotes the development of graph-based knowledge systems, standardized course inventories, branded training programs and multi-dimensional evaluation mechanisms, to establish a coordinated support system integrating the Four-base system, program system, practical training system, talent evaluation system and training operation system.

## Safeguarding employee safety

The Company always places employee health and safety as its top priority. Focusing on key areas such as occupational health, production safety, and emergency response capability building, it comprehensively fortifies safety protection barriers, creating a safe, healthy, and reliable working environment for its employees.

### Occupational health

The Company strictly implements occupational health management requirements, improving a management system centered on the Occupational Disease Prevention and Control Committee. It clarifies the responsibility mechanism that "those in charge of production must also be in charge of occupational health", simultaneously implements the "three simultaneities" requirements for occupational disease prevention facilities, and strengthens protection guarantees and health promotion. The Company organized all employees to complete free health check-ups, with no occupational diseases or suspected cases found, and the work-related injury insurance coverage rate is 100%. Concurrently, it enriches the forms of health protection with distinctive initiatives, conducting selections for "Occupational Health Champions", electing 10 outstanding representatives to set benchmarks, and designating the first batch of healthy canteens and healthy rooms to improve hardware support. Through the "Three Inspections and One Service" action, it systematically investigates health risks and hazards, implements closed-loop rectification of prominent issues, proactively provides health services, and provides mental health assistance, constructing a comprehensive health support system. Thanks to solid measures and achievements, two companies in Mengdong and Anhui were selected as "Featured Cases for National Healthy Enterprise Construction". Companies in Yunnan, Shaanxi, Hunan, and Zhejiang were awarded provincial-level titles, and Heilongjiang Company was recognized as a municipal-level "Healthy Enterprise". Four subsidiaries, namely Engineering Technology Company, Carbon Asset Management Company, Zhongneng Power Technology Company, and Longyuan South Africa Company, have obtained ISO 45001 Occupational Health and Safety Management System certification.

### Production safety

The Company strictly complies with the Work Safety Law of the People's Republic of China and safety production laws and regulations in the countries where it operates, continuously improving its intrinsic safety level.

#### Improving the institutional system

Focusing on the construction of the safety production management system, the Company continuously improves its Health, Safety, and Environment (HSE) management system. It has improved seven HSE-related permanent organizations, including the Work Safety Committee, the Ecological and Environmental Protection Work Leading Group, and the Occupational Disease Prevention and Control Committee. It has revised and issued safety production-related systems such as the Work Plan for the Construction of the Safety Production Management System and the Management Measures for Safety Points, consolidating the institutional foundation. It has built three lines of defense: "safety risk control", "hidden danger investigation and management" and "emergency response and rescue", fully safeguarding employee safety.

## Preventing safety hazards

The Company has established a full-process hidden danger investigation and management system. Through various methods such as work resumption inspections, spring and autumn inspections, remote supervision, and seven categories of special inspections, it comprehensively identifies safety hazards in production and construction links, with a focus on rectifying prominent issues related to safety civilization standardization, construction hoisting machinery management, and slope protection. It deepens the special rectification of outsourced and contracted work, strictly controls contractor access and process supervision, phases out unqualified partners and personnel, and ensures full-process supervision of high-risk operations. Regular risk identification and assessment are conducted. For key risks such as fires in aging units, tower collapses in large megawatt units, and failures in transmission and transformation equipment, special rectification and preventive maintenance are implemented, and control principles for high-risk operations are standardized. Through closed-loop management and assessment guidance, the Company promotes the dynamic elimination of safety hazards, consolidating the foundation of production safety.

## Enhancing emergency response capabilities

The Company has revised its comprehensive and special emergency plans, covering four categories: natural disasters, accident disasters, public health incidents, and social security incidents. It has added key elements such as information judgment, and monitoring and early warning, optimized emergency initiation and response processes, and clarified graded warning standards and disposal measures for disasters. It regularly conducts emergency drills such as fire evacuation, emergency rescue, flood control, extreme weather response, and offshore operations, supplemented by skills training in cardiopulmonary resuscitation and trauma first aid. It organizes joint fire evacuation drills and practical training to enhance employees' self-rescue and mutual rescue capabilities. A leadership duty system and 24-hour on-duty system have been established, strengthening emergency duty spot checks and the transmission of monitoring and early warning information. In 2025, its subsidiaries and branches successfully responded to multiple rounds of typhoon attacks, including "Huajiasha", forming replicable emergency response experience and consolidating the emergency response defense line.



Emergency drill for maritime operations conducted on the "Guoneng Gong Xiang Hao" floating wind-fishery integration platform in Fujian

### Implementing technology for safety enhancement

We are committed to driving the upgrade of safety management through technological innovation and advancing the digital transformation of production. The Company has established a normalized operational mechanism, issued a special action plan for "Artificial Intelligence +", and promoted the application of the "Qingyuan" large model in the production and operation and maintenance business domain, fostering the deep integration of AI technology into the entire chain of production and operations. It has optimized the architecture of the production digital platform, developed an intelligent station and field management and control system based on the production management and control system, and integrated technologies such as digital twins and drone identification. By replacing traditional manual inspections with methods like multi-modal three-dimensional joint inspections and real-time monitoring of entire systems for large megawatt units, it effectively addresses pain points in operation and maintenance. In 2025, it successfully issued early warnings for 8 severe faults, effectively enhancing its fire risk management and control capabilities.

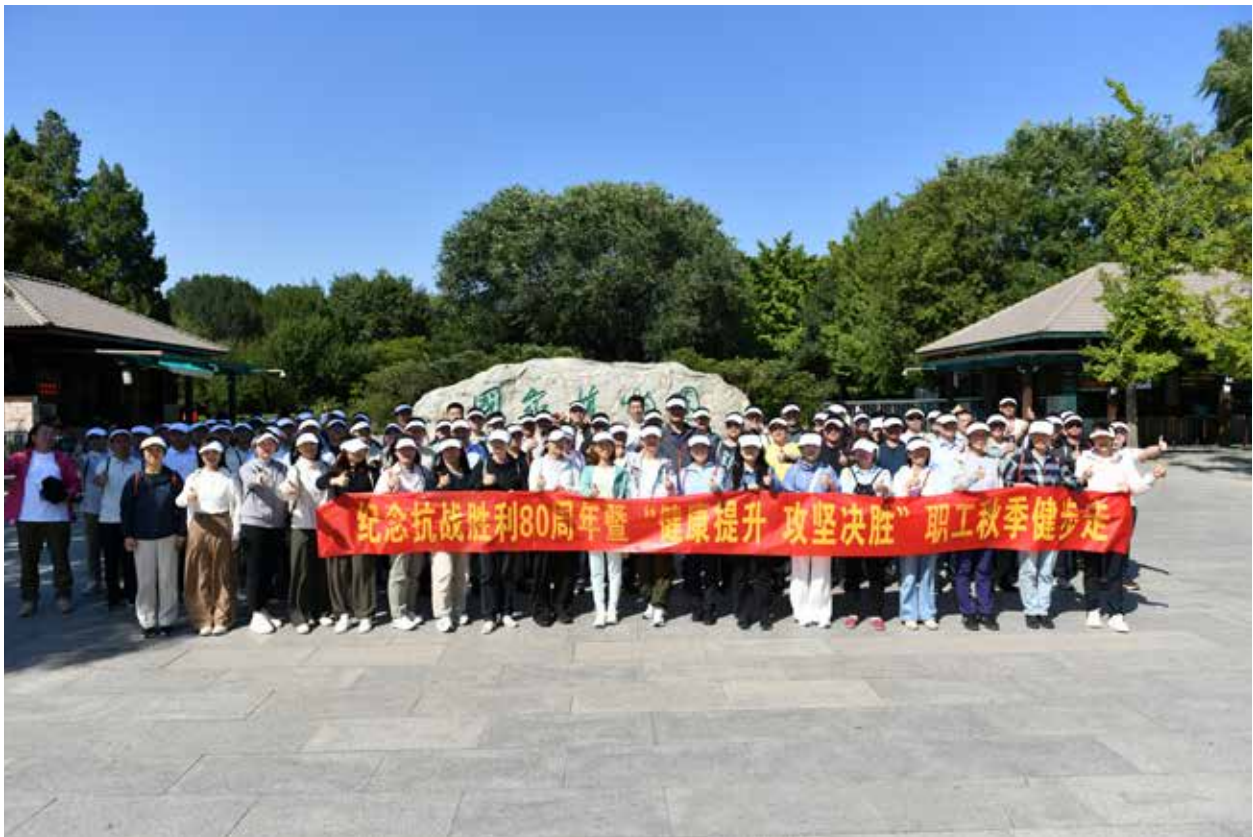


VR immersive accident experience activity



## Enhancing employee well-being

The Company upholds the "employee-first" philosophy and leverages the distinctive trade union brand of "Five-Heart Care" initiatives to implement comprehensive humanistic care, enabling employees to feel warmth and experience happiness amidst the Company's development. On International Women's Day, special activities such as lamp crafting, intangible cultural heritage silk fan creation, and yoga experiences were organized. Support was provided for establishing "Maternal and Infant Care Rooms" and "Loving Mother Corners", strengthening and improving platforms for women employees to excel in their roles, and providing comprehensive care for their physical and mental health. The trade union accurately perceives the needs of its members, conducts care-giving activities such as "Delivering Health in Spring, Coolness in Summer, Culture in Autumn, and Warmth in Winter", focusing on humanistic care and psychological guidance. Regular cultural and sports activities, including staff table tennis and badminton matches, basketball games, and autumn fitness walks, were held to enrich employees' after-work lives. For 11 consecutive years, the Company has organized leisure activities for model workers and advanced individuals, promoting the spirit of model workers, the work ethic, and the spirit of craftsmanship. This allows employees to share in the fruits of the Company's development and gain a strong sense of fulfillment, happiness, and security.



Longyuan Power "Health Enhancement, Decisive Victory" Staff Autumn Walking Event





## VALUE: Build together synergy for growth

Longyuan Power deepens its corporate citizenship responsibilities, fulfilling its role as a supply chain leader to drive the upgrade of the green supply chain and promote collaborative carbon reduction upstream and downstream. We integrate industrial assistance with ecological revitalization, paving a path to both green development and shared prosperity for rural areas. We warm hearts through volunteer activities, strengthening the bond between the enterprise and the community. Adhering to the principle of "extensive consultation, joint contribution, and shared benefits", we expand energy cooperation, promote cultural integration, and inject Longyuan's strength into harmonious development through concrete actions.

# Contribute to a better society

We actively fulfill our social responsibilities, combining charitable volunteer services with the Company's professional advantages to create influential and distinctive branded projects. Through diversified and regular charitable initiatives, we effectively respond to community and societal needs. Through educational assistance and skills training, we enhance the endogenous driving force and sustainable capacity for community self-development. We deeply engage in rural revitalization, implementing multi-dimensional support covering industrial development, educational aid, medical health, and ecological improvement, empowering the long-term development vitality of rural areas.

## Building harmonious communities

The Company systematically advances its charitable, public welfare, and volunteer service work. It actively cultivates volunteer service brands, continuously carrying out thematic volunteer activities such as "Carrying Forward the Spirit of Lei Feng, Dedicating Youth to Volunteerism" and "Green Development, Ecological Protection", as well as science popularization and publicity activities like "Safe Electricity Use" and "New Energy Knowledge on Campus". It regularly organizes young volunteers to visit communities and villages, conducting activities such as condolence and assistance, and green electricity knowledge dissemination, continuously conveying corporate warmth and steadily enhancing its public welfare influence.

In 2025, the Company made charitable donations in areas including science, education, culture, health, sports, ecological and environmental protection, and public facility construction. It provided rescue and support to regions and socially vulnerable groups affected by sudden natural disasters, accidents, and public health incidents, fulfilling its social responsibilities and mission as a central enterprise through concrete actions.

RMB **67.48** million  
invested in charity and public welfare projects

**2,806** person-times  
participating in volunteer activities

RMB **10.93** million  
Total investment in charitable and public welfare initiatives in overseas communities



The Company launched a campus science popularization activity on new energy knowledge

## Empowering local development

Adhering to the concept of sustainable development, while steadily expanding its global new energy business layout, the Company actively constructs an "endogenous" localized long-term development mechanism, effectively empowering communities where projects are located and cultivating endogenous momentum for long-term development. Longyuan Power South Africa continues to advance the "Empowering Education, Building Dreams, Cultivating Talents" educational support program, targeting the talent needs of South Africa's national energy transition and the employment aspirations of community youth. It has established a dual-track system of "higher education financial aid + vocational skills training", closely collaborating with local authoritative institutions such as SARETEC (South African Renewable Energy Technology Centre), the first national-level renewable energy technology training center in South Africa, and DLO, a shareholder of the South African company, to promote the localized implementation of the project. This program has now expanded into the "Building Dreams along the Silk Road" Youth Development Plan, encompassing skills transfer, soft skills development, and employment. Over one hundred young people have completed vocational skills training in renewable energy. Simultaneously, targeted scholarships have been established at multiple South African universities to support undergraduate students from economically disadvantaged families with excellent academic records, injecting new impetus into youth career development and the community economy. As of the end of 2025, Longyuan Power South Africa has sponsored 432 university students to complete their studies, with a total funding amount reaching RMB2.40 million.



### Empowering South African youth employment through skills training

For the second consecutive year, Longyuan Power South Africa has sponsored youth from De Aar and surrounding communities in the Northern Cape Province to participate in professional training at SARETEC (South African Renewable Energy Technology Centre), the country's first national-level renewable energy technology training center. The curriculum focuses on core content such as wind power principles, turbine mechanical and electrical systems, safety regulations, and fault diagnosis and maintenance, combining theoretical teaching with hands-on practical operation to precisely meet the actual needs of the industry. Since the project's inception in 2024, the Company has supported a total of 16 local youth in completing professional training in wind power, with one of the first batch of trainees successfully employed. In 2025, the project made a dedicated investment of ZAR575,600 (approximately RMB247,900), effectively promoting skills transfer and talent localization, and injecting momentum powered by local talent into the sustainable development of South Africa's renewable energy industry.

### Enhancing local community engagement

An open day event for the community was held at the De Aar Wind Power Project site, inviting students, local business representatives, and media personnel to visit the site and gain an in-depth understanding of Longyuan Power's operational practices and social contributions in the field of green energy. The event aimed to convey the concept of sustainable development to the younger generation and continuously inject vibrant green momentum into the friendship between China and South Africa.



## Supporting rural revitalization

RMB **14** million  
invested in paired assistance  
for village revitalization

We have always regarded contributing to rural revitalization as a key mission in fulfilling our social responsibilities. Through systematic and targeted assistance practices, we help solidify the foundation of Youyu County through industrial prosperity, unite the community through rural renewal, and demonstrate compassion through increasing farmers' incomes. We actively innovate working models for rural revitalization assistance, continuously deepen support measures, and precisely target areas such as infrastructure, industry, education, and healthcare. Our efforts help build beautiful and harmonious rural areas suitable for living and working, promote high-quality and efficient agricultural development, integrate AI to empower educational innovation, wholeheartedly protect public health, and enhance farmers' prosperity and well-being. We persistently consolidate and expand the achievements of poverty alleviation and effectively link them with rural revitalization. In 2025, we invested RMB14 million in non-reimbursable assistance funds in Youyu County and introduced an additional RMB300,000 in such funds, helping 180 individuals from poverty-alleviated households to get employed. Leveraging our core new energy business, we invested RMB120 million in reimbursable assistance funds in Ningcheng County, exploring and forming a long-term mechanism of "assistance - development - mutual benefit".



### Industrial assistance

Focusing on distinctive industries characterized as "small yet promising, quick to yield results, and beneficial to people's livelihoods", such as sunflower seed processing plants, egg sorting centers, and agricultural greenhouse cultivation, we provide targeted assistance. We have established a working framework of "long-term support + endogenous development", fully leveraging local resource endowments and focusing on cultivating and strengthening local distinctive industries.

### Consumption assistance

We build platforms to support the development of e-commerce, collaborate with professional colleges and universities, and invite professional teams to bring farmers into classrooms to learn about live-streaming e-commerce. Through initiatives like the "Spring Festival Consumption Assistance Campaign", agricultural specialty products from Youyu County have gained significant market popularity.

### Educational assistance

We have supported the establishment of "Smart Space Reading Rooms" in two schools and "Artificial Intelligence Innovation Labs" in three schools within Youyu County, enabling rural children to share access to urban teaching resources and contributing to the improvement of education quality in Youyu County. We fully support the construction of Youyu County's "Township Academy", creating a comprehensive talent training platform. We conduct training programs on new energy photovoltaic knowledge, e-commerce AI, and agricultural and livestock industry skills, cultivating a group of local talents who are "retainable and usable".



## Deepening supply chain management

98%

Percentage of suppliers certified under quality management systems

100%

Coverage rate of suppliers signing the Sunshine Commitment Agreement for tendered projects

We strictly comply with the Tendering and Bidding Law of the People's Republic of China and the Regulations on the Implementation of the Tendering and Bidding Law of the People's Republic of China, adhering to the principles of standardized, transparent, and fair procurement. We continuously improve our supplier evaluation and management mechanisms, consistently uphold responsible and fair procurement, actively identify, prevent, and mitigate environmental and social risks within the supply chain, and fully promote a green, healthy, and sustainable development of the supply chain.

### Responsible procurement

We are committed to deepening responsible procurement by embedding ESG principles into our procurement strategies and management processes. We conduct prudent assessments of suppliers' performance in areas such as environmental protection, employee rights protection, and business ethics. In procurement decisions, we prioritize products and services that meet national green, low-carbon, and energy efficiency requirements throughout their full lifecycle. We continuously optimize procurement mechanisms and processes, integrate resources to leverage the effectiveness of centralized procurement, strengthen supply chain collaboration to enhance procurement efficiency, and increase the economies of scale and bargaining power in procurement. This enables us to build a stable, efficient, and resilient supply chain system capable of withstanding risks and effectively mitigating the impact of upstream supply chain price fluctuations. In 2025, we innovatively incorporated carbon footprint reporting into the performance requirements for certain wind turbine supply contracts, explicitly requiring suppliers to provide carbon footprint reports upon product delivery, thereby taking concrete actions to build a green and low-carbon supply chain.



## Supplier and contractor management

We have fully integrated ESG management requirements into our supplier management system, incorporating ESG management principles into the supplier management measures. We conduct ESG evaluations of major suppliers annually, promoting their improvement in areas such as human rights and labor, environment, and business ethics. We have established and improved a mechanism for handling supplier misconduct, strengthening performance supervision, intensifying enforcement efforts, and severely penalizing dishonest behavior by suppliers. We promote the implementation of unified, standardized, and normalized contractor management requirements, strengthen contractor management, and regularly organize production and outsourced engineering personnel to participate in safety examinations, ensuring that risks in the business outsourcing process are controllable and accountability is traceable. In 2025, we won the Team First Prize in the first "CHN Energy Cup" Supply Chain Skills Competition and the Team Third Prize in the Corporate Category of the 5th National Supply Chain Competition. Multiple cases were selected for the China Energy Research Society's 2025 Case Collection on Green Supply Chains in the Energy Industry.

**621**

Suppliers evaluated

**18**

Suppliers reported for misconduct handling

**32**

Suppliers with relatively poor performance interviewed



## Equal treatment of small and medium-sized enterprises

The Company upholds the principles of equality, mutual benefit, and win-win cooperation, effectively safeguarding the legitimate rights and interests of small and medium-sized enterprises (SMEs) and fostering an industrial ecosystem where enterprises of all sizes coexist and thrive. We strictly comply with regulations such as the Law of the People's Republic of China on the Promotion of Small and Medium-sized Enterprises, the Regulations on Ensuring the Payment of Sums Due to Small and Medium-sized Enterprises, and the Measures for the Management of Quality Guarantee Funds for Construction Projects. We have formulated the Implementation Rules for the Management of Accounts Payable to Small and Medium-sized Enterprises of Longyuan Power Group Co., Ltd. (Trial) and the Management Measures for Current Accounts of Longyuan Power Group Co., Ltd. (Trial), which clearly defines the core aspects such as the payment process for accounts, the allocation of responsibilities for clearing arrears, and standards for handling complaints, thereby preventing defaults from an institutional perspective. During the reporting period, the Company had no outstanding payments owed to small and medium-sized enterprises.

We implement full-cycle management of current accounts, strengthen data source governance, and conduct pre-event compliance reviews, in-process dynamic monitoring, and post-event rectification. We formulate plans for clearing long-aged accounts, carry out arrears clearance work in a categorized manner, and strive to ensure all outstanding payments are cleared to the greatest extent possible. We publicly disclose complaint reporting contact information for arrears clearance at all levels across the industry, proactively making contact details available through channels such as the official website announcement board, ensuring that the demands of SMEs can be addressed directly.

RMB **15.15** billion  
Balance of accounts payable  
(including notes payable) at the  
end of the reportin

**5.71%**  
Balance of accounts payable  
(including notes payable) as a  
percentage of total assets at the  
end of the reporting period



# Strengthen Data Security

The Company places high importance on data security, cybersecurity, and informatization. The management has established a Cybersecurity and Informatization Leading Group to coordinate data security management. An office, within the technology and information department, operates under the leading group to promote the implementation of relevant decisions and build a "management, technology, operation and maintenance" trinity cybersecurity assurance system. In accordance with national laws and regulations such as the Cybersecurity Law and the Data Security Law, we have newly added the Implementation Rules for Management Information Network Security Protection, revised the Management Measures for Cybersecurity and the Management Measures for Classified Protection of Cybersecurity, and continuously improved the institutional framework covering data management, cybersecurity, and informatization. The Company strengthens its cybersecurity and data security capabilities by constructing and deploying cybersecurity and data security protection systems, including access control, cybersecurity analysis and traceability, cybersecurity sensitive information monitoring, and cybersecurity vulnerability identification, safeguarding its digital transformation. We strictly implement customer privacy protection requirements, ensuring that confidentiality clauses are simultaneously signed in 100% of cooperation agreements with partners, effectively guaranteeing information security and personal privacy. During the reporting period, the Company experienced no incidents of customer privacy leakage, data breaches, or cybersecurity events.

In 2025, two subsidiaries, Longyuan (Beijing) Carbon Asset Management Technology Co., Ltd. and Longyuan (Beijing) New Energy Engineering Technology Co., Ltd., obtained ISO 27001 certification, covering information security related to information system software and hardware operation and maintenance services, as well as information technology consulting services for carbon asset management and agency trading, respectively.

## Case | Dual data certification establishes a digital security benchmark for the new energy industry



DCMM Level 3 Certification Certificate and DSMM Level 3 Certification Certificate

In 2025, Longyuan (Beijing) New Energy Engineering Technology Co., Ltd. obtained the Level 3 dual certification for both data management capability maturity (DCMM) and data security management capability maturity (DSMM). This achievement was attributed to its systematic development across 28 capability areas, including data strategy, data governance, data architecture and data application, as well as its sustained efforts in multiple critical aspects such as data transmission security, storage security, and sharing security. This certification signifies that the Company has received authoritative recognition and met national standards in core dimensions such as top-level data strategy design, full lifecycle governance, security protection systems, and value conversion capabilities, thereby setting a new benchmark for digital transformation within the new energy industry.

# Our Commitment

## Renewable energy opportunities

Closely aligning with the national energy strategy, the Company will make every effort to advance the implementation of large-scale base projects, consolidate and expand its advantages in offshore projects, steadily develop diversified business formats such as hydrogen-based energy and zero-carbon industrial parks, and optimize its overseas assets.

## Response to climate change

The Company will take robust measures to prevent, prepare for, and respond to extreme weather risks, and enhance climate resilience. We will continue to expand the scale of green electricity and green certificate trading, steadily advance the development and operation of carbon assets, and improve the pathways for realizing green and low-carbon value. Efforts will be made to explore the establishment of an accounting system for scope 3 greenhouse gas emissions and strengthen carbon footprint management.

## Ecological conservation

The Company will improve dynamic zeroing mechanisms for ecological environment issues and hidden dangers, advance rectification measures in a targeted manner based on classified management, and ensure the “dynamic zeroing” of newly identified environmental risks. It will strictly implement the “Three Simultaneities” system for environmental protection and biodiversity conservation measures, and promote the coordinated advancement of ecological protection with project development, construction and operation throughout the entire process.



## Scientific and technological innovation

The Company will intensify efforts to drive technological innovation. Guided by strategic needs and problem-oriented approaches, with a focus on the development of deep-sea and far-sea resources, the Company will accelerate breakthroughs in core technologies such as offshore VSC-HVDC transmission and typhoon resistance for ultra-large wind turbines. In parallel, with a focus on the development of “Shagehuang” bases, the Company will deepen research into key technologies such as multi-energy complementarity and grid-forming energy storage support. It will iterate the “Qingyuan” AI large model for the new energy segment, deploy intelligent applications around core scenarios such as equipment health assessment and power forecasting, and promote the deep integration of digital intelligence with industrial development.

## Social contribution

The Company will leverage its industrial advantages to support rural revitalization and create industry revitalization projects with unique characteristics. By developing new energy projects, promote local economic development, creates employment opportunities and income generation. We will actively integrate into local communities, focus on key issues such as education, healthcare and infrastructure construction, conduct diverse public welfare activities, build sound community relations and work together to create a better life.

## Corporate governance

The Company will build a comprehensive and efficient risk control system integrating legal, compliance, internal control and risk management, and systematically embed control requirements into the key processes including investment, procurement and overseas operations, so as to strengthen compliance safeguards both domestically and internationally. It will deepen the integrated approach of promoting the “Three No’s” mechanism against corruption, fostering a clean and upright corporate environment. The Company will also gradually enhance the effectiveness of market value management to ensure the Company’s sustained, stable and healthy development.



# Longyuan Imprint · Contributing to United Nations SDGs Action

The Company actively responds to the United Nations Sustainable Development Goals (SDGs), and incorporates SDGs into its daily operations and business development, integrating with various stakeholders. Through a series of initiatives, it helps implement the SDGs and promotes the sustainable development of the Company and society.

## Our Actions



### ○ Continuously support rural revitalization by implementing diversified assistance measures and promoting the ongoing economic development of Youyu County

- Carried out 11 support projects, with an investment of RMB14 million in paired assistance for Youyu County
- Completed 5,824 instances of talent training, assisted 180 individuals from formerly impoverished populations in obtaining employment through relocation, and established paired Party branch cooperation to strengthen the organizational and talent foundations for revitalization



### ○ Provide industrial assistance based on village policies and develop highly recognized rural specialty industries

- Promote the development of characteristic support industries in Youyu County according to local conditions, including sunflower seed processing, egg sorting, and facility agriculture
- The Tianchang “fishery–photovoltaic complementary” project in Anhui has innovatively adopted a model of “power generation above water, fish farming below water, with irrigation integrated,” encouraging more than 60 households to return to their hometowns to start businesses and broadening channels for income growth



### ○ Endeavor to build a “healthy enterprise” model unit to protect the health of employees

- Achieved a 100% occupational health examination rate for employees, with no cases of occupational diseases or suspected cases detected
- Two companies in Eastern Inner Mongolia and Anhui were selected as “National Featured Cases of Healthy Enterprise 35.Construction.”



### ○ Implement education assistance in poor areas and provide education assistance overseas

- Supported the establishment of two “Smart Space Reading Rooms” and three “Artificial Intelligence Innovation Laboratories” in schools in Youyu County, and invested RMB5.34 million in the “Caring Teaching Assistance Fund,” directly benefiting 1,054 teachers and students
- Longyuan South Africa Company subsidiary implemented the “Supporting Education, Building Dreams, and Nurturing Talent” program, establishing scholarships that have cumulatively supported 432 university students from disadvantaged backgrounds



### ○ Strictly comply with national labor laws and regulations, insisting on the principle of equal employment

- Insisted on the principle of equal employment and opposed employment discrimination.
- Strictly implemented the leave regulations for female employees during pregnancy and maternity, all employees are eligible for non-monetary benefits, including annual leave, marriage leave, paternity leave, maternity leave, and parental leave, etc.

Our Actions



○ Service the needs of local communities and enhance the level of health protection

- A medical bus supported by Longyuan South Africa Company provided free healthcare services to 5,000 people
- Emergency first-aid knowledge outreach was conducted in project locations to enhance residents' self-rescue and mutual aid capabilities



○ Continuously explore the integration of new energy with other industries to provide a stable, reliable and economical supply of clean energy

- Renewable energy power generation reached 76,469 GWh, and the consolidated installed capacity of new energy reached 45,994.29 MW
- Continue to advance demonstration projects such as photovoltaic sand governance, wind and fishery integration, while expanding application scenarios including hydrogen-based energy and zero-carbon industrial parks, and further deepening the integration of renewable energy with various industries



○ Facilitate the talents development channels and conduct professional skills training

- Established three talent development pathways in management (M), technology (T), and skills (S), with the proportion of employees in each sequence optimized to 27.93%:8.09%:63.98%, respectively
- Upgraded "Craftsmanship Training Camp", and cultivated over 500 new energy operation and maintenance talents for the Company



○ Breakthroughs are made in scientific and technological innovation, and the technological leadership and industry status are continuously enhanced

- The first AI large model in the new energy industry developed by the Company has driven the effective implementation of intelligent equipment early warning and lean maintenance
- Seven internationally leading achievements have been added, and a "zero breakthrough" has been made in the initiation of international standards
- The Company has been successfully approved as a National Postdoctoral Research Station and a dual-reliance unit supported by both the National Natural Science Foundation and the Beijing Municipal Natural Science Foundation



○ Eliminate child labor, prohibit forced labor, and treat employees of different nationality, race, gender, religion or cultural background fairly

- Had a total of 7,928 employees, of which 1,215 were female and 769 were ethnic minority employees
- Required suppliers to respect the basic human rights of their employees, and strictly prohibited the use of child labor, forced labor, and any behavior that violates labor laws and regulations



○ Integrate with local industrial development and ecological governance to support sustainable communities

- In Youyu County, a special forest protection fund of RMB1.9 million was invested to increase residents' income and consolidate greening achievements
- In the "Agricultural-Photovoltaic Complementary" project at Nuan Yang Photovoltaic Power Station in Henan, high value-added crops were planted on 900 acres of abandoned land, driving villagers' dual income growth from "land and employment"

## Our Actions



○ Enhance equipment reliability and power generation performance, systematically implement energy saving and emission reduction measures, and promote resource recycling

- Strengthened basic maintenance, implemented preventive overhaul, expanded digital application, and continuously deepened equipment governance, with the number of long-outage units of the Company decreased by 12% year on year
- Carried out repair and recycling of spare parts at stations, reduced waste generation, and improved resource recycling efficiency



○ Address climate change as a key strategic task with comprehensive deployment and proactive initiatives

- Strengthened risk prevention for extreme weather events, effectively responding to multiple typhoons, including Typhoon Ragasa
- Proactively identified climate change risks, developed climate change scenario analysis models, assessed climate resilience, formulated special risk management recommendations and reported to the Board of Directors
- Expanded the scale of green electricity and green certificates trading to mitigate climate change



○ Minimize the impact of offshore wind turbines on marine life with multiple measures

- Optimized submarine cable laying routes and reserved space for fishery operations to achieve coordination between energy development and ecological protection
- Conducted offshore project construction outside the breeding season of marine life and fish spawning periods



○ Practice the eco-friendly development concept and minimize the impact on terrestrial organisms through prevention and monitoring

- Reasonably arranged construction schedules to reduce noise disturbance to animals, and standardized construction activities to avoid vegetation damage
- Continued to carry out special bird monitoring in Jiangsu, Guizhou, Tianjin and other regions



○ Promote compliance and corporate governance system development, uphold the principle of equality toward SMEs, and ensure fair, just, compliant and orderly cooperation

- Adhered to business ethics, opposed unfair competition and conducted regular anti-corruption training for all employees
- All suppliers signed the Integrity Commitment Agreement



○ Uphold the concept of common progress and common use, and work hand in hand with suppliers and partners for coordinated development to create a mutually beneficial and win-win value ecosystem

- Innovatively included carbon footprint reports in the performance requirements for some wind turbine supplies
- Conducted ESG evaluation of major suppliers annually

# Appendix

## Key Performance<sup>1</sup>

Indicator	Unit	Year 2023	Year 2024	Year 2025
<b>Governance Performance</b>				
<b>Corporate Performance</b>				
Board meetings	Time	12	12	8
Committee meetings	Time	12	17	14
Non-executive director	Person	2	4	4
Female director count	Person	1	3	2
Independent director	Person	3	3	3
Female independent director count	Person	1	1	1
<b>Business Ethics</b>				
Legal and compliance training	Person-time	20,584	22,749	26,771
Anti-corruption training	%	49.03	100	100
Director	%	100	100	100
Middle and senior manager	%	100	100	100
General staff	%	47.46	100	100
Business ethics disputes case	Case	0	0	0
<b>Environmental Performance</b>				
<b>Use of Resources</b>				
Total energy consumption	Ton of standard coal	4,479,624.96	3,346,511.20	279,374.88
Coal consumption	Ton of standard coal	4,263,489.98	3,108,022.29	0
Natural gas consumption	m <sup>3</sup>	105,198.62	71,952.80	88,623.59
Gasoline consumption	Ton	2,507.76	2,333.98	2,145.70
Diesel consumption	Ton	869.69	676.04	623.59
LPG consumption Ton	Ton	/	/	4,154.19
Total electricity usage	MWh	2,504,654.16	2,451,847.60	2,156,357.67
Renewable energy self-generated electricity consumption	MWh	1,567,546.27	1,604,134.72	1,801,494.48

<sup>1</sup> Following the completion of the divestment of its coal-fired power assets in 2024, the Company recorded significant year-on-year decreases in 2025 in the total energy consumption, energy consumption intensity, greenhouse gas emissions, greenhouse gas emissions intensity, total general waste produced and intensity of general waste produced, general waste recycled, and environmental input, etc.

Indicator	Unit	Year 2023	Year 2024	Year 2025
Wind power usage	MWh	/	/	1,548,146.29
Solar power usage	MWh	/	/	253,089.25
Other clean energy consumption <sup>2</sup>	MWh	/	/	258.94
Net purchased electricity	MWh	126,241.70	276,400.24	354,863.19
Total heat consumption	GJ	2,193,090.05	1,605,694.84	92,943.97
Net purchased heat	GJ	87,246.05	87,142.84	92,943.97
Energy consumption intensity	Ton of standard coal/ million revenue	119	90.28	9.23
Proportion of renewable energy consumption	%	4.3	5.89	79.24
Total water consumption	Ton	9,368,888.28	6,673,757.23	343,930.60
water intensity	Ton/million revenue	248.9	180.03	11.37
<b>Response to Climate Change</b>				
Total greenhouse gas emissions <sup>3</sup>	tCO2e	10,040,867.85	7,354,064.91	220,681.42
Scope 1 Greenhouse gas emissions	tCO2e	9,959,275.14	7,186,902.32	22,081.23
Scope 2 Greenhouse gas emissions	tCO2e	81,592.71	167,162.59	198,600.18
Total greenhouse gas reduction	tCO2e	189,843.15	2,686,802.93	7,133,383.49
Scope 1 total greenhouse gas emission reductions	tCO2e	267,398.86	2,772,372.82	7,164,821.09
Scope 2 total greenhouse gas emission reductions	tCO2e	-77,555.71	-85,569.88	-31,437.59
Business intensity of greenhouse gas emissions	g/KWh	131.73	97.35	7.29
<b>Pollutant Emissions &amp; Waste Treatment</b>				
Environmental input	RMB 100 million	5.38	6.70	1.80
Total wastewater discharge	Ton	129,031.93	108,447.00	83,831.23
Industrial wastewater discharges	Ton	0	0	0
Total general waste produced	Ton	1,460,994.70	1,063,861.55	3,060.12
General waste intensity	Ton/million revenue	38.81	31.34	0.10
Comprehensive utilization of general waste	Ton	1,460,914.70	1,063,814.88	2,601.74
Total hazardous waste produced	Ton	1,137.16	951.96	875.19
Waste lubricant produced	Ton	298.07	260.71	629.02
Waste lubricant disposal	Ton	273.32	262.47	526.93

<sup>2</sup> Other clean energy refers to the ocean energy utilized by the company's tidal power stations.

<sup>3</sup> The calculation methods for greenhouse gas emissions are based on the "Guidelines for Accounting and Reporting of Enterprise Greenhouse Gas Emissions - Power Generation Facilities(Revised in 2023)".

Indicator	Unit	Year 2023	Year 2024	Year 2025
Waste battery produced	Ton	186.07	276.52	233.35
Waste battery disposal	Ton	126.89	236.19	192.21
Hazardous waste intensity	Ton/million revenue	0.03	0.03	0.03
<b>Renewable Energy Opportunities</b>				
Total consolidated installed capacity	MW	35,593.67	41,143.20	45,994.29
Wind power consolidated installed capacity	MW	27,754.39	30,408.77	32,147.37
Other renewable energy consolidated installed capacity	MW	5,964.28	10,719.43	13,846.92
Newly-added new energy development quota	MW	19,840.00	14,720.00	8,630
Total electricity generation	MWh	76,225,815.82	75,546,209.00	76,469,353.00
Wind power electricity generation	MWh	61,352,968.00	60,550,359.00	63,086,188.00
Other renewable energy electricity generation	MWh	4,553,052.00	7,832,859.00	13,383,165.00
Wind power utilization hours	Hour	2,346	2,190	2,052
Renewable energy electricity savings of standard coal	10,000 tons of standard coal	1,875.47	2,033.97	2,274.48
Renewable energy generation is equivalent to greenhouse gas emission reduction	10,000 tCO <sub>2</sub> e	5,480.09	5,759.44	6,440.48
<b>Social Performance</b>				
<b>Equal Employment</b>				
Total number of employees	Person	8,752	7,370	7,928
Total number of part-time employees	Person	0	0	0
Total number of full-time employees	Person	8,752	7,370	7,928
<b>by ethnicity</b>				
Han Chinese	Person	8,065	6,605	7,118
Ethnic minorities	Person	658	734	769
Other	Person	29	31	41
<b>by gender</b>				
female	Person	1,323	1,126	1,215
male	Person	7,429	6,244	6,713
<b>by age</b>				
30 and under	Person	2,424	2,244	2,469
30 — 50	Person	5,017	4,391	4,774
50 and over	Person	1,311	735	685

Indicator	Unit	Year 2023	Year 2024	Year 2025
<b>by education</b>				
graduate degrees or above	Person	737	899	1,044
bachelor's degrees	Person	5,695	5,207	5,694
associate degrees or below	Person	2,320	1,264	1,190
<b>by region</b>				
Chinese mainland	Person	8,721	7,337	7,885
China's Hong Kong, Macao, and Taiwan	Person	2	2	2
Overseas	Person	29	31	41
Employment contract signing rate	%	100	100	100
Social insurance coverage rate	%	100	100	100
Labor union members	Person	8,574	7,370	7,928
New hires of the year	Person	334	396	470
Average paid leave per employee	Day	7.76	6.72	9.34
Turnover	Person	194	139	80
Rate of turnover	%	2.22	1.89	1.01
<b>by gender</b>				
female	%	2.87	2.75	0.82
male	%	2.1	1.73	1.04
<b>by age</b>				
30 and under	%	1.73	1.6	0.77
30 — 50	%	0.74	1.07	0.57
50 and over	%	8.77	7.62	4.96
<b>by education</b>				
graduate degrees or above	%	4.21	2.67	1.25
bachelor's degrees	%	1.4	1.57	0.88
associate degrees or below	%	3.58	2.61	1.43
<b>by region</b>				
Chinese mainland	%	2.22	1.89	1.01
Overseas	%	3.45	0	0
China's Hong Kong, Macao, and Taiwan	%	0	0	0
Expenditure on employee assistance	RMB 10,000	65.72	68.07	36.28
Number of employees assisted	Person	131	153	49

Indicator	Unit	Year 2023	Year 2024	Year 2025
<b>Staff development and training</b>				
Expenditure on employee training	RMB 10,000	5,411.08	5,662.97	4,777.44
Staff training times	Time	/	11,008	19,180
Employees participating in training	Person	8,016	6,856	7,928
Employee training coverage	%	91.59	93.03	100
<b>by gender</b>				
female	%	14.25	15.05	15.33
male	%	85.75	84.95	84.67
<b>by management level</b>				
senior management	%	0.1	0.35	0.15
middle management	%	8.54	16.98	15.57
ordinary employees	%	91.36	82.67	84.28
<b>by job category</b>				
production staff	%	53.47	65.43	62.4
management, professional, and technical staff	%	45.97	33.45	36.64
other staff	%	0.56	1.12	0.96
Average training hours per employee	Hour	141.9	210.32	165.86
<b>by gender</b>				
female	Hour	61.49	61.94	97.49
male	Hour	155.27	233.36	175.73
<b>by management level</b>				
senior management	Hour	80	71.96	63
middle	Hour	96.55	182.76	171.13
ordinary employees	Hour	146.31	212.55	162.6
<b>Occupational Health and Safety Production</b>				
Employees receiving occupational health and safety training	Person-time	37,937	37,358	36,585
Expenditure on occupational health and safety	RMB 10,000	29,851.53	25,599.43	28,709.09
Amount of workers' compensation insurance contributions	RMB 10,000	/	1,538.15	1,532.15
Employee coverage of work-related injury insurance	%	/	100	100
Amount of investment in production safety liability insurance <sup>4</sup>	RMB 10,000	/	293.41	2,579.25

Indicator	Unit	Year 2023	Year 2024	Year 2025
Coverage rate of workers insured by work safety liability insurance	%	/	23.2	29.5
Day off for injury	Day	998	325	1,164
Number of work-related deaths	Person	0	0	0
Number of deaths due to occupational injuries	%	0	0	0
New occupational diseases	Person	0	0	0
Emergency exercises	Time	2,580	1,840	2,114
<b>Equipment Security</b>				
Major equipment accidents	Case	0	0	0
<b>Supply Chain Management System</b>				
Total number of suppliers	Supplier	7,983	3,281	4,955
Number of domestic suppliers	Supplier	7,801	3,084	4,723
Number of overseas suppliers	Supplier	179	193	228
Number of suppliers in China's Hong Kong, Macao, and Taiwan	Supplier	3	4	4
Number of supplier evaluation	Supplier	1,644	467	621
<b>Technological Progress</b>				
Number of valid patents	Item	/	396	450
Number of patents granted during the reporting period	Item	/	74	115
Patent applications for inventions	Item	/	20	45
Patent applications for utility models	Item	/	54	70
Number of new patent applications	Item	88	221	184
Patent applications for inventions	Item	45	125	135
Patent applications for utility models	Item	43	96	49
Establishment of national or industry standards	Item	15	11	6
Amount of R&D investment	RMB100 million	2.37	5.23	3.47
R&D investment intensity	%	0.63	1.41	1.15
Number of R&D personnel	Person	660	720	982
<b>Educational structure of R&amp;D personnel</b>				

<sup>4</sup>As construction of the Dongfang Project in Hainan commenced, the Company purchased construction / installation all-risk insurance. As the work safety liability insurance is included within this coverage and cannot be separately calculated, the entire premium has been fully included in the indicators related to work safety liability insurance. As a result, the data for the current period recorded a significant year-on-year increase.

Indicator	Unit	Year 2023	Year 2024	Year 2025
Bachelor	Person	346	434	572
Master	Person	196	221	267
Doctor	Person	21	21	38
<b>Age composition of R&amp;D personnel</b>				
Under 30	Person	95	165	172
30-40	Person	390	429	594
The proportion of R&D personnel	%	7.54	9.87	12.39
Number of national-level R&D platforms	Supplier	1	1	1
<b>Community Feedback</b>				
Investment in charitable projects <sup>5</sup>	RMB10,000	8,822	6,887.50	6,747.60
Investment of beneficiaries of rural revitalization	RMB10,000	1,800	1,800	1,400
Industrial assistance	RMB10,000	580	920	650
Educational assistance	RMB10,000	340	60	320
Medical assistance	RMB10,000	310	200	30
Infrastructure assistance	RMB10,000	240	320	0
Ecological assistance	RMB10,000	200	200	190
Talent assistance	RMB10,000	130	100	210
Number of groups benefiting from social contribution activities <sup>6</sup>	Person	/	42,753	45,067
Number of employee volunteer services	Person-time	3,861	2,175	2,806
Total hours of employee volunteer services	Hour	5,009.00	4,361.70	7,521
Funds introduced for public welfare projects	RMB10,000	85	31.17	30.87
Cumulative employment opportunities created overseas (operation phase)	Supplier	122	121	124
Total investment in overseas community welfare	RMB10,000	735.37	1,259.77	1,092.86
Total number of beneficiaries of overseas assistance and public welfare	Person	9,088	9,401	9,521
Expenditure on localization procurement in overseas	RMB10,000	36,527.45	39,749.75	4,774.56

<sup>5</sup> This indicator refers to the actual amount of investment in charitable projects made by the Company during the reporting period, excluding investment in charitable and public welfare initiatives in overseas communities.

<sup>6</sup> It does not include 88,000 beneficiaries of designated assistance in Youyu County and overseas public welfare benefits.

## Indicator Index

Corresponding Section	GRI Standards	ESG Reporting Guide of HKEx	Self-Regulatory Guidelines for Listed Companies No. 17 - Sustainability Report (for Trial Implementation) of Shenzhen Stock Exchange	(CASS-ESG 6.0)) Guidelines for Corporate Sustainability Reporting in China (CASS-ESG 6.0) of Chinese Academy of Social Sciences
About This Report	2-1,2-2,2-3,2-4	Reporting principles, scope of reporting	-	P1.1,P1.2
Chairman's Statement	2-22	-	-	P2.1
About Longyuan Power	2-1,2-6,201-1	-	-	P3.1,P3.2,P3.3
ESG Governance	2-9,2-12,2-13,2-14,2-16,2-17,2-18,2-22,2-29,3-1,3-2,3-3	Governance structure	Articles 5, 51, 52, 53	G1.1.1,G1.1.2,G1.1.3, G1.1.5,G1.1.6,G1.1.9, G1.3.1,G1.3.2
<b>RESPONSIBILITY: Improve governance efficiency</b>				
Standardize corporate governance	2-9,2-10,2-13,2-16,2-29,405-1	-	-	-
Strengthen compliant risk control	-	-	-	-
Abide by business ethics	2-26,205-2,205-3	B7 General disclosure, B7.2,B7.3	Articles 54, 55, 56	G2.1.1,G2.1.2,G2.1.3, G2.1.5,G2.1.6,G2.1.7, G2.2.2
<b>GREEN: Aim at "dual carbon" target</b>				
Expand green power	203-2	B6 General disclosure,B6.4	Articles 20, 47	E3.1.4,E3.1.5,S3.3.1,
Empowering with innovative technology	-	-	Articles 41, 42	S2.1.1,S2.1.2,S2.1.3,S2.1.4, S2.1.6,S2.1.9, S2.1.12,S2.1.13
<b>NATURE: Safeguard the ecology</b>				
Implement climate action	201-2,302-3,302-4,305-1,305-2,305-4,305-5	19(a),19(b),20(a),20(b), 20(c),20(d),21(a),21(b), 22(a),24(a),25(a),26(a), 28(a),28(b)	Articles 21, 22, 23, 24, 27, 28	E1.1.1,E1.1.2,E1.1.3, E1.1.4,,E1.1.5,E1.1.6, E1.1.7,E1.1.8,E1.1.10, E1.1.11,E1.1.15
Strengthen environmental management	303-2,306-1,306-2,306-3,307-1	A1 General disclosure, A1.5	Articles 29, 31	E2.1.1,E2.1.5,E2.1.6,E2.2.7, E2.4.2,E2.4.4
Guard green waters and mountains	101-1,101-2,101-4,304-1,304-2,304-3,304-4	A3 General disclosure, A3.1	Article 32	E2.3.2,E2.3.3
Improve resource efficiency	306-2	A2 General disclosure, A2.3, A2.4	Articles 34, 35, 36, 37	E3.1.5,E3.2.3,E3.2.4, E3.3.2,E3.3.4
<b>TRUST: Strengthen human foundation</b>				
Protect employee rights and interests	2-7,2-19,2-20,2-27,201-3,401-2,401-3,406-1,408-1,409-1	B1 General disclosure, B1.1, B4 General disclosure, B4.1	Article 49, 50	S4.1.2,S4.1.3,S4.1.4,S4.1.5, S4.1.6,S4.1.8, S4.1.10,S4.1.12

Corresponding Section	GRI Standards	ESG Reporting Guide of HKEx	Self-Regulatory Guidelines for Listed Companies No. 17 - Sustainability Report (for Trial Implementation) of Shenzhen Stock Exchange	(CASS-ESG 6.0)) Guidelines for Corporate Sustainability Reporting in China (CASS-ESG 6.0) of Chinese Academy of Social Sciences
Focus on employee development	401-1,404-1,404-2	B3 General disclosure.	Article 50	S4.1.1,S4.3.1,S4.3.2,S4.3.3, S4.3.,S4.3.6
Safeguard employee safety	403-1,403-2,403-3,403-4,403-5,403-6,403-7,403-10	B2 General disclosure, B2.3.	Article 50	S4.2.2,S4.2.3,S4.2.4
Enrich spare-time life	201-3	-	-	-
<b>VALUE: VALUE: Build together synergy for growth</b>				
Deepen supply chain management	2-8,2-28,308-2,408-1,409-1	B5 General disclosure, B5.2, B5.4	Article 44, 45	S3.1.1,S3.1.2,S3.11.3, S3.1.4
Contribute to a better society	203-1,203-2,413-1	B8 General disclosure, B8.1, B8.2	Articles 38, 39, 40	S1.1.1,S1.1.2,S1.1.3, S1.1.5,S1.2.1,S1.2.2, S1.2.3,S1.2.6
Equal treatment to small and medium-sized enterprises	-	-	Article 46	-
Strengthen data security	418-1	-	Article 48	S3.4.1,S3.4.2,S3.4.4
Our commitment	-	-	-	A1
Longyuan imprint: Contributing to United Nations SDGs action	2-7,201-2,203-1,205-2,301-2,304-1,304-2,304-4,401-3,403-6,403-7,404-2,405-1,406-1,408-1,409-1,413-1	-	-	-
Performance Appendix	302-1,302-3,302-4,303-4,303-5,305-1,305-2,305-3,305-4,305-5,305-7,306-3,306-4,306-5,307-1,401-1,403-9,403-10,404-1,404-3	A1.1,A2.1,A2.2,B1.2,B2.1,B2.2,B3.1,B3.2,B5.1,B8.1,B8.2,29(a)	Articles 25, 26, 31, 36, 57	A2,E1.1.13,E1.1.14, E1.1.17,E1.1.18,E2.1.2, E2.1.5,E3.1.1,E3.1.2, E3.1.3,E3.2.1,E3.2.2, S1.1.3,S1.1.4,S1.2.2, S1.2.3,S1.2.4,S2.1.4, S2.1.6,S2.1.9,S4.1.7, S4.1.9,S4.2.5,S4.3.4, G2.1.5,G2.1.6,G2.1.7
Indicator Index	-	-	Article 57	A3
Assurance Report	2-5	-	-	A4
Comments & Feedback	2-26	-	-	A6

## Assurance Report



KPMG Huazhen LLP  
8th Floor, KPMG Tower  
Oriental Plaza  
1 East Chang An Avenue  
Beijing 100738  
China  
Telephone +86 (10) 8508 5000  
Fax +86 (10) 8518 5111  
Internet kpmg.com/cn

毕马威华振会计师事务所  
(特殊普通合伙)  
中国北京  
东长安街1号  
东方广场毕马威大楼8层  
邮政编码: 100738  
电话 +86 (10) 8508 5000  
传真 +86 (10) 8518 5111  
网址 kpmg.com/cn

*English Translation for Reference Only*

### Independent Practitioner's Limited Assurance Report

To the Board of Directors of China Longyuan Power Group Corporation Limited:

#### Report on selected information in China Longyuan Power Group Corporation Limited's Environmental, Social and Governance Report as of and for the year ended 31 December 2025

#### Conclusion

We have performed a limited assurance engagement on the following information in China Longyuan Power Group Corporation Limited ("Longyuan Power")'s Environmental, Social and Governance Report ("sustainability report") as of and for the year ended 31 December 2025 (hereafter referred to as "the assured sustainability information"):

Total electricity usage	For the year ended 31 December 2025
Total water consumption	For the year ended 31 December 2025
Total greenhouse gas emissions	For the year ended 31 December 2025
Waste lubricant produced	For the year ended 31 December 2025
Number of new patent applications	For the year ended 31 December 2025
Investment of beneficiaries of rural revitalization	For the year ended 31 December 2025
Amount of R&D investment	For the year ended 31 December 2025
Number of work-related deaths	For the year ended 31 December 2025
Day off for injury	For the year ended 31 December 2025
Total number of employees	As of 31 December 2025
Total number of employees-female	As of 31 December 2025
Total number of employees-overseas	As of 31 December 2025
Total number of employees-ethnic minorities	As of 31 December 2025
Rate of turnover- employees	As of 31 December 2025

KPMG Huazhen LLP, a People's Republic of China partnership and a member firm of the KPMG global organisation of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee.

毕马威华振会计师事务所(特殊普通合伙) — 中国合伙制会计师事务所, 是与英国私营担保有限公司 — 毕马威国际有限公司相关联的独立成员所全球性组织中的成员。



### Independent Practitioner's Limited Assurance Report (continued)

Based on the procedures performed and evidence obtained, nothing has come to our attention to cause us to believe that Longyuan Power's assured sustainability information as of and for the year ended 31 December 2025 is not prepared, in all material respects, in accordance with the Criteria set out in the appendix to this report.

Our conclusion on the assured sustainability information does not extend to any other information that accompanies or contains the assured sustainability information and our assurance report (hereafter referred to as "other information"). We have not performed any procedures as part of this engagement with respect to the other information.

#### **Basis for conclusion**

We conducted our engagement in accordance with *International Standard on Assurance Engagements (ISAE) 3000 (Revised)*, issued by the International Auditing and Assurance Standards Board (IAASB). Our responsibilities under those standards are further described in the "Our responsibilities" section of our report.

We have complied with the independence and other ethical requirements of the International Code of Ethics for Professional Accountants (including International Independence Standards) issued by the International Ethics Standards Board for Accountants (IESBA), which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality, and professional behaviour.

Our firm applies International Standard on Quality Management (ISQM) 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements*, issued by the IAASB. This standard requires the firm to design, implement and operate a system of quality management, including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for the conclusion.

#### **Restriction on use**

This report is made solely to the board of directors, and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report. Our conclusion is not modified in respect of this matter.



### Independent Practitioner's Limited Assurance Report (continued)

#### Responsibilities for the assured sustainability information

The directors of Longyuan Power are responsible for:

- designing, implementing and maintaining internal control relevant to the preparation of the assured sustainability information that is free from material misstatement, whether due to fraud or error;
- selecting or developing suitable criteria for preparing the assured sustainability information and appropriately referring to or describing the criteria used; and
- preparing the assured sustainability information in accordance with the criteria set out in the appendix to this report.

Those charged with governance are responsible for overseeing Longyuan Power's assured sustainability information reporting process.

#### Inherent limitations in preparing the assured sustainability information

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.

#### Our responsibilities

We are responsible for:

- planning and performing the engagement to obtain limited assurance about whether the assured sustainability information is free from material misstatement, whether due to fraud or error;
- forming an independent conclusion, based on the procedures we have performed and the evidence we have obtained; and
- reporting our conclusion to the board of director of Longyuan Power .



### Independent Practitioner's Limited Assurance Report (continued)

#### Summary of the work we performed as the basis for our conclusion

We exercised professional judgment and maintained professional skepticism throughout the engagement. We designed and performed our procedures to obtain evidence about the assured sustainability information that is sufficient and appropriate to provide a basis for our conclusion. Our procedures selected depended on our understanding of the assured sustainability information and other engagement circumstances, and our consideration of areas where material misstatements are likely to arise. In carrying out our engagement, we:

- interviewing the employees of relevant departments engaged to provide the assured sustainability information;
- implementing analytical procedures on the assured sustainability information;
- carrying out sampling inspection on the assured sustainability information;
- performing recalculation on the assured sustainability information; and
- other necessary procedures.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.





#### **Appendix: Standards**

The assured sustainability information of China Shenhua Energy Company Limited's Environmental, Social and Governance (hereafter referred to as "Sustainability Report") is prepared in accordance with the related requirements of the Guidelines on the Environmental, Social and Governance Reporting Code as set out in Appendix C2 to the Main Board Listing Rules of Hong Kong Exchanges and Clearing Limited.

#### **Total electricity usage (MWh):**

The total electricity usage disclosed in the sustainability report refers to total electricity usage by Longyuan Power's production and operation enterprises.

#### **Total water consumption (Ton):**

The total water consumption disclosed in the sustainability report refers to the total amount of water resources taken from the outside by the production and operation enterprises affiliated to Longyuan Power, including total fresh water, recycled water and other alternative water.

#### **Total greenhouse gas emissions (tCO<sub>2</sub>e):**

The total greenhouse gas emissions disclosed in the sustainability report refers to the sum of the total amount of Scope 1 emissions and Scope 2 emissions of the production and operation enterprises affiliated to Longyuan Power.

#### **Waste lubricant produced (Ton):**

The waste lubricant produced disclosed in the sustainability report refers to the total amount of waste lubricating oil generated by Longyuan Power's production and operation enterprises.

#### **Number of new patent applications (Item):**

The number of new patent applications disclosed in the sustainability report refers to the total number of new patent applications (including invention patents and utility model patents) by Longyuan Power in 2025.

#### **Investment of beneficiaries of rural revitalization (RMB 10 thousand):**

The investment of beneficiaries of rural revitalization disclosed in the sustainability report refers to the total amount of money invested by Longyuan Power in rural revitalization.

**Standards (continued)****Amount of R&D investment (RMB 100 million):**

The amount of R&D investment disclosed in the sustainability report refers to the total amount of money invested by Longyuan Power in various R&D activities.

**Number of work-related deaths (Person):**

The number of work-related deaths disclosed in the sustainability report refers to the number of regular employees and contractor employees of Longyuan Power who died in the workplace due to workplace accidents in 2025.

**Day off for injury(Day):**

The day off for injury disclosed in the sustainability report refers to the total number of workdays lost by all employees injured at work in 2025 at Longyuan Power.

**Total number of employees (Person):**

The total number of employees disclosed in the sustainability report refers to the total number of regular employees of Longyuan Power as at 31 December 2025, excluding labour dispatched contractors.

**Total number of employees-female (Person):**

The total number of female employees disclosed in the sustainability report refers to the total number of regular female employees of Longyuan Power as at 31 December 2025, excluding labour dispatched contractors.

**Total number of employees-overseas (Person):**

The total number of overseas employees disclosed in the sustainability report refers to the total number of regular overseas employees of Longyuan Power as at 31 December 2025, excluding labour dispatched contractors.

**Total number of employees-ethnic minorities (Person):**

The total number of ethnic minority employees disclosed in the sustainability report refers to the total number of regular ethnic minority employees of Longyuan Power as at 31 December 2025, excluding labour dispatched contractors.

**Rate of turnover- employees (%):**

The total employee turnover rate disclosed in the sustainability report refers to the ratio of the total number of employees who voluntarily resigned and retired from Longyuan Power in 2025 to the total number of employees at year-end.







Company address: Room 2006, 20th Floor, Block c,  
6 Fuchengmen North Street, Xicheng District, Beijing, PRC

Website: [www.clypg.com.cn](http://www.clypg.com.cn)

Contact telephone: (86) 10-63888199

 This report adopts eco-friendly paper



WeChat official account of  
Longyuan Power