



China Power International Development Limited

中國電力國際發展有限公司

(incorporated in Hong Kong with limited liability)

(Stock Code :2380)



2025

Sustainability Report

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Official WeChat



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Mobile Website



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About This Report

Introduction

This report issued by China Power International Development Limited discloses and presents its performance in terms of environmental, social and corporate governance (“ESG”).

In this report, “China Power” and the “Company” refer to China Power International Development Limited. The “Group” and “We” refer to, collectively, the Company and its subsidiaries.

Timeframe

Unless otherwise specified, this report covers the period from 1 January 2025 to 31 December 2025. To ensure the completeness of this report, the timeframe of some information has been extended backwards or forwards.

Reporting Scope

The quantitative data and qualitative information in this report generally cover China Power and the Group's subsidiaries within the scope of the consolidated financial statements during the same period (collectively, the “Assets”). Unless otherwise specified, the information in this report does not cover assets recorded separately as interests in joint ventures and associates in the Group's consolidated financial statements, nor does it cover the entrusted assets managed by the Group.

This report covers (i) any Assets that have been in continuing operation in 2025; (ii) any Assets that have been acquired or established during the year, commencing from the completion date/date of establishment of the relevant acquisition/Assets up to 31 December 2025; and (iii) any Assets that have been disposed of in its entirety during the year¹, commencing from 1 January 2025 up to the completion date of the relevant disposal.

Data Sources

The sources of data for all information in this report include public data from government departments, official documents of the Group, public disclosure documents and relevant internal summary statistics. The financial data quoted in the report is derived from the audited financial information contained in the *Annual Report 2025* of the Company. All non-calculated data for the year 2025 in this report have been collected, reported, and summarized by the various departments of the Company and its subsidiaries. The monetary amounts involved in this report are denominated in RMB, the lawful currency of the PRC, unless otherwise stated.

¹ For the year 2025, the disclosure of disposed assets follows the principle that period data, such as total waste gas emissions, will be included in the statistics, whereas point-in-time data, like the number of employees, will be excluded from the statistics.

Basis of Preparation

This report has been prepared in accordance with *Appendix C2 “Environmental, Social and Governance Reporting Code”* (the “HKEX ESG Code”) of the Listing Rules and follows the reporting principles of materiality, quantitative, balance and consistency of the HKEX ESG Code.

Materiality

This report identifies the extent to which ESG-related matters affect various stakeholders by conducting a materiality issue assessment and focuses on responding to and disclosing issues with a higher degree of materiality.

Quantitative

Through the establishment of an ESG indicator collection tool covering the headquarters and subsidiaries, ESG KPIs are presented in a measurable manner as far as practicable. The basis for the calculation of quantitative values and the caliber of statistics are also disclosed in this report.

Balance

The contents of this report are derived from the internal management documents of the Company and its subsidiaries, statistics and publicly disclosed information, disclosing both positive and negative indicators, reflecting the objective facts and presenting the performance of China Power in terms of ESG. In relation to specific targets that have not been set, the limitations are acknowledged and disclosed in the report.

Consistency

Unless otherwise specified, this report adopts the statistical method of disclosure consistent with the reports of previous years, and if the caliber of the indicator statistics changes, it will be annotated in the report.

This report is prepared with relevant reference to SASAC's *Study on ESG Specialized Report Compilation for Listed Companies Controlled by Central Enterprises*, the *Enterprise Sustainability Disclosure Standards—Basic Standards (Trial)* issued by the Ministry of Finance, and the *Hong Kong Financial Reporting Standards (HKFRS)* issued by the Hong Kong Institute of Certified Public Accountants (HKICPA).

Date of Approval of the Report

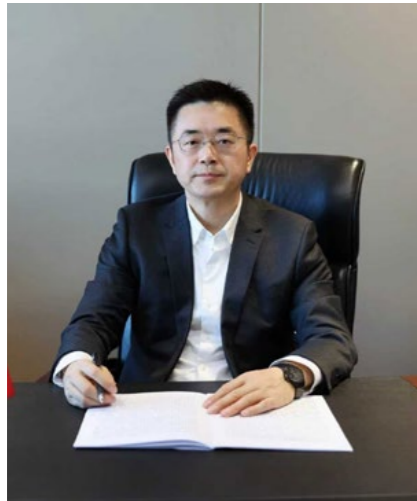
This report was confirmed by the Company's Strategic and Sustainable Development Committee and approved and adopted by the Board on 20 March 2026.

Release of the Report

This report is accessible in simplified Chinese, traditional Chinese, and English, all available in electronic format. It can be obtained or viewed on the Hong Kong Stock Exchange's website (www.hkexnews.hk) or China Power official website (www.chinapower.hk).

Response from Readers

In order to continuously improve the Company's ESG management level, enhance the quality of ESG information disclosure, and promote the practice of ESG development philosophy, we hereby seek readers' opinions on this report (please refer to *Appendix III. Readers' Comments Form* for details), and invite readers to feedback their opinions to the Company's email address (ir@chinapower.hk).



Message from the Chairman

The year 2025 has marked a critical juncture between the conclusion of the 14th Five-Year Plan and the inception of the 15th Five-Year Plan. Standing at this pivotal historical moment, China Power deeply embraced the new development philosophy in light of a global wave of energy transition and the comprehensive advancement of Chinese modernization. We have aligned our strategies with the nation's Dual Carbon goals. With foresight, we have recognized the strategic direction outlined for the 15th Five-Year Plan period, which aims to accelerate the construction of a new power system and build a strong energy nation. Our development focus has firmly centered on green and low-carbon energy, and we have made significant efforts to accelerate the establishment of a new power system while unwaveringly pursuing a path of high-quality development. Aware of our mission to strengthen the foundation of our Company while serving the national strategy, we remain steadfast in our original aspiration to promote China Power's sustainable development.

Advancing with the Momentum to Shape a Greener Energy System

China Power fully implements the Balanced Growth Strategy, establishing itself as a leading platform for comprehensive clean energy² industries. By adhering to the simultaneous promotion of new energy, coal power, and hydropower, we have continuously optimized our energy structure and consolidated our advantages in the clean energy sector. By the end of 2025, the proportion of China Power's consolidated installed capacity of clean energy has surged to 82.07%, reflecting an increase of 1.95 percentage points compared to the same period last year. Additionally, revenue from clean energy has accounted for 64.51%, underscoring the effectiveness of our green transition, which is fundamentally reshaping our business towards clean energy.

We steadily advance the development of our clean energy business. During this reporting period, the Company has established a model of "new energy coupled with coal power", which has laid a solid foundation for the stable consumption of large-scale renewable energy. We have actively promoted multiple models, including integrated Wind-Photovoltaic-Thermal-and-Storage, Source-Grid-Load-and-Storage, Hydropower-Photovoltaic Complementary, the Complementarity of Fishery and Photovoltaic Power Generation as well as Direct Supply of Green Electricity, thereby setting a benchmark in key areas. Notably, part of the capacity from the Integrated Wind-Photovoltaic-Thermal-and-Storage Demonstration Project of CP Pu'an has been connected to the grid, exemplifying a new paradigm of intelligent dispatch. Additionally, the China Power Shenhua Mulei 800 MW captive green power substitution wind power project has been successfully put into operation, establishing a standard for Direct Supply of Green Electricity. Concurrently, we have advanced clean and efficient coal power technologies, employing the world's leading ultra-supercritical single reheat technology to facilitate the high-standard transformation of supporting power sources. The Company has completed the direct control of SPIC Hydropower³, thereby fully leveraging its advantages in core business areas such as air pollution control, water treatment, solid waste disposal, and new energy environmental protection projects, which has created significant synergy with our existing clean thermal power operations.

We focus on innovation in new energy technologies. China Power continues to increase R&D investment, concentrating on breakthroughs in core technologies and digital and intelligent transformation, to accelerate the conversion of scientific and technological achievements into productive forces. During the reporting period, XYZ Storage, a subsidiary of the Company, has realized dual breakthroughs in intelligent energy storage technology research and development and market expansion, with its implemented project capacities ranking among the highest nationally. The subsidiary has successfully launched a variety of new energy storage products and core control systems, receiving multiple industry awards in recognition of its efforts. Concurrently, China Power's technological innovation platform has expanded, culminating in the addition of two Specialized, Refined, Distinctive, and Innovative (SRDI) enterprises and four National High-tech Enterprises, thereby significantly enhancing innovation levels and bolstering collaborative capabilities.

We are proactively positioning ourselves in the electricity trading market. As a proactive response to the ongoing market-oriented reforms in the national power industry, China Power continuously enhances its market-based power sales capabilities and customer service levels, by strengthening its tracking and research of policies and regulations governing spot trading, Green Electricity Certificates (GEC), green power, and Carbon Emission Allowances (CEA). The scale of GEC and green electricity trading has experienced steady growth, while the economic value derived from green environmental benefits has been consistently realized, thereby injecting renewed momentum into the energy sector's green transformation.

Consolidating Our Foundation to Nurture Long-term Success with Sound Governance

China Power consistently views efficient and robust corporate governance as fundamental to achieving high-quality development. We continually optimize our corporate governance system to enhance the scientific rigor and execution of decision-making processes. Our

commitment to equitable treatment of all shareholders, coupled with the maintenance of a prudent, stable, transparent, and standardized corporate governance culture, underscores our strategic approach. During the reporting period, we focused on bolstering core competitiveness and strengthening essential functions by systematically optimizing our institutional framework. This effort has cultivated a corporate governance structure characterized by clear positioning, well-defined functions, a balance between control and empowerment, and modern governance practices. Consequently, our systemic approach, coordination, and execution efficiency have been significantly enhanced, providing robust support for the successful implementation of the Company's strategic initiatives.

The integration of ESG governance has been a catalyst for our high-quality development. We have established a comprehensive four-tier ESG governance framework that extends ESG management across various functional departments and grassroots units. Climate risks have been fully incorporated into the Company's risk management system, while ESG evaluation criteria are now integral to key processes such as investment decisions and procurement bidding. The ESG information management system has significantly enhanced the standardization and transparency of data governance practices. We prioritize the development of an ESG talent pool, having organized 2025 China Power's ESG Training Program for Listed Companies, as well as conducting climate risk stress test training for key departments. These initiatives aim to elevate the sustainable development literacy of all employees. During the reporting period, China Power successfully achieved its phased strategic ESG objectives, thereby infusing robust momentum into the Company's pursuit of high-quality and sustainable development.

Digital transformation has empowered significant enhancements in operational quality and efficiency. During the reporting period, we effectively implemented the "1455" framework for establishing a world-class financial management system in central SOEs, as proposed by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council. Our concerted efforts advanced benchmark digital projects, culminating in the successful completion of a high-quality system switchover and launch across all units. Consequently, we have enabled nearly 200 business processes to function entirely online, encompassing critical areas such as finance, human resources, procurement, production, equipment, and sales. This transformation substantially boosts management efficiency and enhances the rigor of risk supervision. Furthermore, it provides a robust foundation for advancing the deep integration of business and finance, unlocking the potential of data elements, and further empowering operational quality and efficiency.

In 2025, China Power's governance practices garnered widespread recognition from various social sectors. The Company received multiple awards, including the 2025 Golden Hong Kong Stock Award at the 10th Listed Company Selection by Zhitong Caijing and the Excellent High-Quality Development Listed Company award at the 15th China Securities Golden Bauhinia Awards. Furthermore, its MSCI ESG rating was elevated to an A level, and it was once again acknowledged as a benchmark Double Hundred Enterprise by SASAC. These accolades underscore the Company's ongoing advancements in governance capabilities and sustainable development initiatives.

Marching Forward with Our Community to Gather Strength for Development

China Power steadfastly upholds the principles of shared responsibility and value, effectively aligning its corporate development with the public's well-being and overall social progress. The Company remains committed to a people-oriented approach, continuously enhancing its employee development and care systems. In response to the demands of strategic transformation and high-quality development, China Power systematically optimizes its organizational structures and talent allocation. It innovates mechanisms for talent acquisition and cultivation, while also promoting differentiated assessments and precise incentives to energize the workforce. Additionally, the Company takes key measures, such as providing technical support to newly established units, offering subsidies for employees in remote and underserved areas, and enhancing service provisions for retired personnel. These initiatives successfully address employee concerns, fortifying their sense of fulfillment, belonging, and cohesion within the organization.

Work Safety remains the cornerstone of China Power's development strategy. We rigorously fulfill our primary work safety responsibility and continually enhances its risk prevention and control systems to guarantee a safe, stable, and reliable power supply. During the reporting period, China Power achieved a record of zero major accidents in safety. By reinforcing comprehensive management practices, advancing system standardization, and deepening the dual prevention mechanism alongside emergency response capabilities, the foundation of the Company's safety management has been robustly strengthened.

In terms of fulfilling social responsibilities, China Power has continuously enhanced the development of its Yingshanhong public welfare brand. The education assistance funds have notably benefited students in regions such as Anhui, Guizhou, and Xinjiang. Young volunteers have effectively conveyed warmth and support through various initiatives aimed at assisting individuals with disabilities, impoverished communities, and promoting environmental protection. Moreover, on the front lines of energy supply, we adeptly navigated challenges such as peak summer loads and severe winter cold waves, successfully accomplishing significant missions to ensure consistent power and heat supply. These performances exemplified the unwavering commitment of a central energy enterprise to reliable and stable energy provision.

Looking ahead, we remain committed to our vision of becoming The World's Leading Green and Low-carbon Energy Provider while fulfilling our mission of Lower Carbon Empower Better Life. We will steadfastly pursue green and low-carbon development. China Power is poised to collaborate with all partners, utilizing technological innovation as our driving force and green development as our guiding principle. Together, we will address global climate challenges, contribute to the construction of a Beautiful China, and author a new chapter in sustainable development.

² Clean energy covers hydropower, wind power, photovoltaic power, natural gas power, environmental power generation and energy storage.

³ SPIC Hydropower is a company listed on the Shanghai Stock Exchange (Stock Code: 600292).




About China Power

Company Profile

China Power was incorporated in Hong Kong with limited liability under the Hong Kong *Companies Ordinance* on 24 March 2004 and is a core subsidiary of SPIC, which is an integrated energy group that simultaneously owns thermal power, hydropower, nuclear power and renewable energy resources in the PRC.

The Company was listed on the Main Board of the Hong Kong Stock Exchange on 15 October 2004 with the stock code 2380. From the beginning of solely engaging in generation and electricity sales of coal-fired power, the Company has expanded its business into the areas of, among others, hydropower, wind power, photovoltaic power, natural gas power, environmental power, energy storage, green power transportation and integrated intelligent energy services through continuous development. Various business segments have been kept growing along with the constant expansion of the Group.

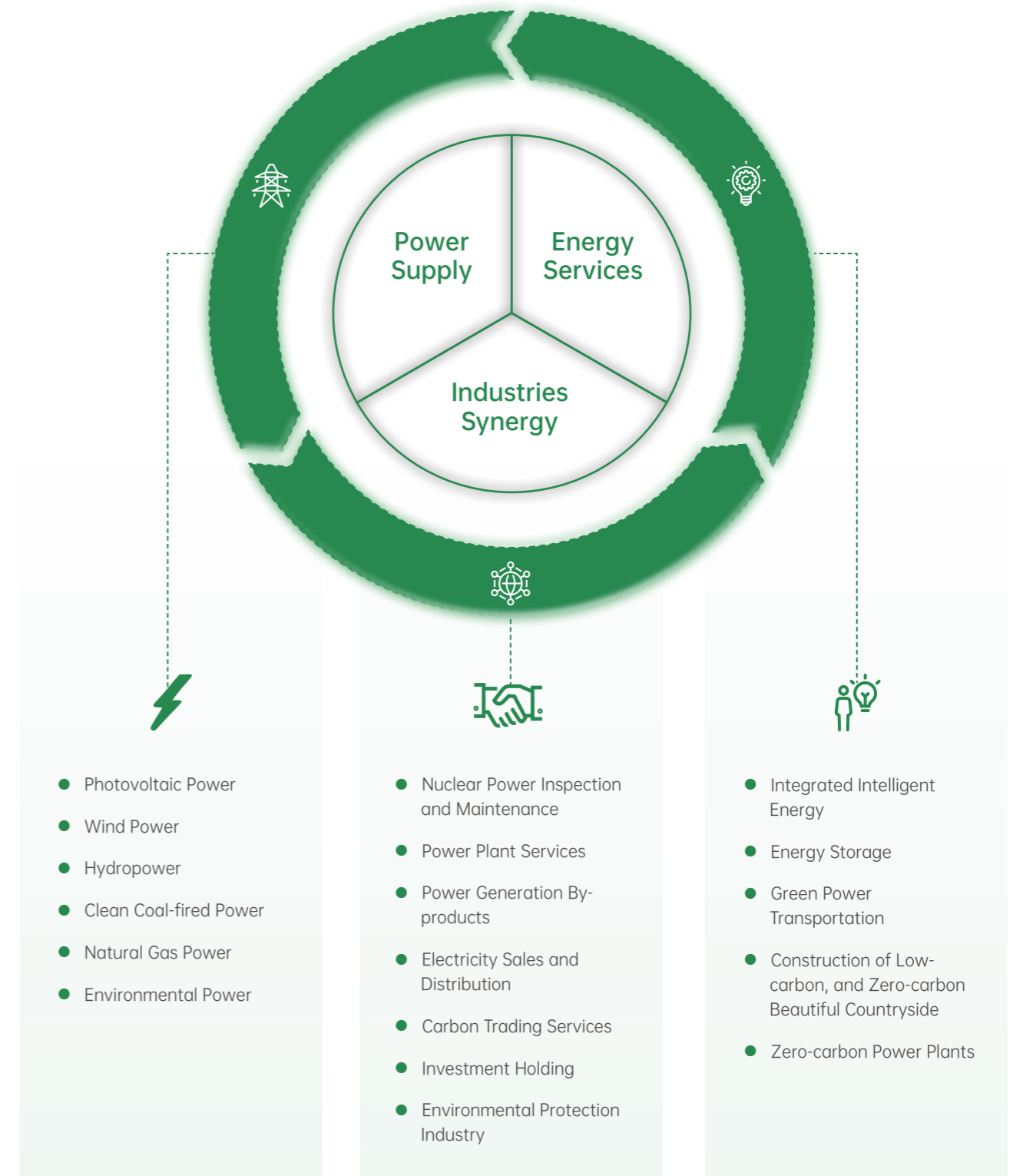
Key Performance In 2025

 the Group's total consolidated installed capacity reached <h2 style="color: #2e8b57;">54,753.7</h2> MW	 of which the consolidated installed capacity of clean energy reached <h2 style="color: #2e8b57;">44,933.7</h2> MW	 and the proportion of consolidated installed capacity of clean energy reached <h2 style="color: #2e8b57;">82.07%</h2>
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Corporate Culture

<div style="background-color: #2e8b57; color: white; padding: 5px; text-align: center; font-weight: bold;">Vision</div> <p style="text-align: center;">The World's Leading Green and Low-carbon Energy Provider</p>	<div style="background-color: #2e8b57; color: white; padding: 5px; text-align: center; font-weight: bold;">Core Philosophy</div> <p style="text-align: center;">Green-empowerment Intelligent Innovation Mutual Achievement</p>	<div style="background-color: #2e8b57; color: white; padding: 5px; text-align: center; font-weight: bold;">Purpose and Mission</div> <p style="text-align: center;">Lower Carbon Empower Better Life</p>
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Business Segments








2025 Performance Highlights

Development Performance

Total assets (RMB'000)	2025	367,555,599	7.96% 
	2024	340,455,547	
Consolidated installed capacity (MW)	2025	54,753.7	10.86% 
	2024	49,390.9	
Consolidated installed capacity of clean energy (MW)	2025	44,933.7	13.55% 
	2024	39,570.9	






Governance Performance

Total participants in business ethics training (person-time)	2025	80,876	5.97% 
	2024	76,321	
Number of contractors covered by business ethics training (contractor)	2025	4,529	5.72% 
	2024	4,284	
Total number of anti-corruption training conducted (time)	2025	811	43.54% 
	2024	565	
Investment in digital transformation (RMB'000)	2025	441,586	23.47% 
	2024	357,656	
Total number of information security training (time)	2025	100	163.16% 
	2024	38	

Environmental Performance

Proportion of consolidated installed capacity of clean energy	2025	82.07%	1.95 percentage points 
	2024	80.12%	
Clean energy power generation (MWh)	2025	80,973,006	9.79% 
	2024	73,752,633	
Equivalent CO ₂ emissions reduction (tonne)	2025	49,840,206	10.63% 
	2024	45,052,700	
Thermal power net coal consumption rate (g/kWh)	2025	286.82	-1.77% 
	2024	291.99	
Density of SO ₂ emissions (g/kWh)	2025	0.0291	-12.61% 
	2024	0.0333	
Density of NO _x emissions (g/kWh)	2025	0.0705	-9.96% 
	2024	0.0783	
Density of flue gas and dust emissions (g/kWh)	2025	0.0037	-7.50% 
	2024	0.0040	
Density of greenhouse gas emissions (g/kWh)	2025	339.16	-10.28% 
	2024	378.02	
Number of environmental protection training (time)	2025	1,870	96.02% 
	2024	954	

 Social Performance

Number of service-related complaints received (case)	2025	0	-
	2024	0	
Customer satisfaction	2025	100%	-
	2024	100%	
Investment into supporting industry associations (RMB'000)	2025	580	5.45% 
	2024	550	
Number of awards for technological innovation during the year (award)	2025	100	156.41% 
	2024	39	
Total hours of employee training (hour)	2025	1,445,960	20.24% 
	2024	1,202,518	
Overall employee turnover rate	2025	2.72%	-0.41 percentage points 
	2024	3.13%	
Total charitable donations (RMB'000)	2025	5,868.8	34.72% 
	2024	4,356.4	

New Key Performance in 2025

Indicator	Unit	2025
Governance Performance		
Investment in cybersecurity and information security	RMB'000	71,659.6
Environmental Performance		
Financing amount for addressing climate-related risks and opportunities	RMB'000	132,315,071.2
Amount of assets or business activities related to opportunities	RMB'000	328,134.7
Social Performance		
Number of employee suggestions collected	suggestion	1,090
Number of employee suggestions adopted and implemented	suggestion	874
Number of work-related contractor fatalities	person	0



2025 ESG Milestones and Honorary Awards

XYZ Storage Recognized as a 2024 Beijing Unicorn

The *Beijing Unicorn Enterprise List (2024)*, jointly released by the Zhongguancun Unicorn Enterprise Development Alliance, Great-wall Enterprise Institute (GEI), Beijing Fangdi Institute of Economic Development, China Institute for Science and Technology Policy at Tsinghua University (CISTP), IT Juzi, and KPMG Advisory (China) Limited, has selected XYZ Storage as a Beijing Unicorn.

XYZ Storage Listed in Global Shipments Ranking of Chinese Energy Storage System Integrators

XYZ Storage has established itself as a formidable entity in the energy storage sector, achieving notable rankings in the leaderboards published by the Energy Storage International Summit Organizing Committee. The company is recognized among the Top 5 for energy storage system shipments in the Chinese domestic market, as well as the Top 5 globally. Furthermore, it ranks among the Top 10 in grid-connected installation scale within China.



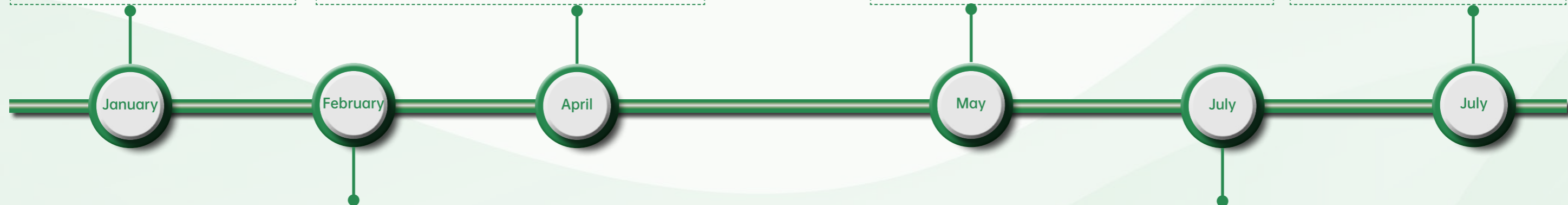
XYZ Storage Debuted at the Smarter E Europe 2025, Empowering Europe's Energy Transition with Innovative Energy Storage Solutions

XYZ Storage made its appearance at the Smarter E Europe 2025, showcasing its POWER CABIN 5MWh grid-side energy storage system and the Galaxy Immersion Industrial and Commercial Energy Storage Solution. Focusing on application scenarios such as Wind-PV-storage integration, thermal-storage frequency regulation, microgrids, and grid-forming storage, the company engaged in exchanges with international customers and partners.



China Power Once Again Earned "Double Hundred Enterprise" Benchmark Title

SASAC announced the 2024 special assessment results for the Science and Technology Reform Action and Double Hundred Action among central SOEs. China Power has once again been honored with the Double Hundred Enterprise benchmark title. This award not only recognizes China Power's pivotal role as a leader in the reform of SOEs during the 14th Five-Year Plan period, but it also provides a strong impetus for successfully concluding initiatives aimed at deepening and upgrading SOE reform actions.



Heilongjiang Company Supplied 2,000 MWh of Green Electricity Directly to Harbin Asian Winter Games

To guarantee a fully sustainable electricity supply for the competition venues and supporting facilities throughout both test events and the official games of the Harbin Asian Winter Games, the Heilongjiang Company has secured a contract to deliver 2,000 MWh of green electricity. This provision was sourced directly from the Gubei Wind Farm.



Jieyang Cihang Offshore Wind Farm Awarded CEC 2024 4A-level Wind Farm Title

The Cihang Offshore Wind Farm of Qianzhan Wind Power was rated as an AAAA-level wind farm in the 2024 annual wind power operation benchmarking results released by the China Electricity Council (CEC), becoming the only offshore wind farm in Guangdong Province to receive a 4A rating.



China Power Rated MSCI ESG Grade A

MSCI announced its 2025 ESG ratings, with China Power's rating upgraded from BBB to A—the highest level among domestic central power SOEs. This marks China Power's second consecutive year of rating improvement, reflecting the international investors' recognition of our sustainable development capabilities.



October

China Power won the 2025 ESG Excellence Practice Award

China Power was awarded the 2025 ESG Excellence Practice Award by the China Enterprise Reform and Development Society for "Deepen ESG Concept Application, Lower Carbon Empower Better Life".



October

November

China Power was Included in the 2025 Best Practice Case for Sustainable Development among Listed Companies

China Power was successfully selected as a best practice case for sustainable development among listed companies by the China Association for Public Companies (CAPCO) in 2025.



November

China Power has once again won the 15th China Securities Golden Bauhinia Award

China Power was awarded the Outstanding High-Quality Development Listed Company at the 15th China Securities Golden Bauhinia Awards presented by Hong Kong Ta Kung Wen Wei Media Group, marking the second consecutive year that China Power has won an award in this authoritative selection.



December

Two China Power Subsidiaries Recognized as Specialized, Refined, Distinctive, and Innovative (SDRI) "Little Giants"

The Ministry of Industry and Information Technology announced the list of the seventh batch of specialized, refined, distinctive, and innovative (SRDI) Little Giant enterprises, with CP Hua Chuang and CP Huayuan successfully making the list and joining the national-level specialized and innovative enterprise tier.



Feature Sustainable Development Management

China Power is committed to putting sustainable development in life and placing great importance on Environmental, Social, and Governance (ESG) governance by improving its sustainable development system, enhancing the Board's level of ESG engagement and promoting its ESG governance capabilities and performance.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Mainstream ESG ratings in domestic and overseas	-	Achieved "good" level	MSCI ESG Ratings: A	Achieved

Governance for Sustainable Development

China Power has always taken promoting sustainable development as its responsibility, profoundly realizing that excellent ESG management is not only the cornerstone for a corporate to achieve long-term value growth, but also a responsible commitment to society. The Group has implemented a robust ESG governance framework that delineates clear responsibilities, effectively enhancing ESG management and propelling high-quality development with always upholding the principles of transparent and efficient governance.

With the assistance of the Strategic and Sustainable Development Committee and the Sustainability Working Committee, the Board oversees and manages ESG issues comprehensively, including goal setting, progress review, and ESG risk and opportunity management.

Scope of ESG Issues Supervised by the Board

Area	Issues
Environmental	<ul style="list-style-type: none"> Green Energy Production Eco-environmental Management System Development and Optimization (including energy conservation, water resource management, pollutant management, ecological restoration, and other aspects) Multi-pronged Carbon Reduction Initiatives Engagement in Climate Governance
Social	<ul style="list-style-type: none"> Increasing Investment into Technologies Accelerating Technology Transformation and Application Deepening Partnerships Facilitating Employee Development Occupational Health and Safety Management Responsible Supply Chain Product and Customer Responsibility Stakeholder Engagement
Governance	<ul style="list-style-type: none"> Digital Transformation Cybersecurity, Information Security and Privacy Protection Corporate Value Creation Business Ethics
ESG risks identification and response	<ul style="list-style-type: none"> Identification, Management and Response to ESG Risks and Opportunities Integration of ESG Risks (including Climate Risks) into the Enterprise-Wide Risk Management (ERM) System

Board ESG Statement

The Board prioritizes ESG initiatives by steadily incorporating ESG principles into the Group's operations and deeply integrating ESG management with development strategy. This involves establishing and enhancing sustainability management structures and operational mechanisms, guiding and overseeing ESG efforts and associated risk management, and incorporating ESG factors into the assessment system. These actions collectively ensure the thorough implementation of the Group's sustainable development strategy.

ESG Management Guideline and Strategy

The Group adopts a top-down approach to ESG management. With the support of the Strategic and Sustainable Development Committee and the Sustainability Working Committee, the Board assesses and offers insights and recommendations on ESG issues that could influence the Group's long-term growth. This assessment takes into account the macro policy landscape, industry trends, and stakeholder expectations, utilizing diverse methods of stakeholder engagement and expert research. (For further details, please see the *Analysis of Material Issues* section of this report.) We integrate significant ESG issues into strategic planning and daily operations, monitor and regularly review the progress of ESG initiatives, and enhance our ESG management capabilities.

In 2025, in alignment with China Power's 15th Five-Year Plan, we independently developed a dedicated ESG sub-plan, successfully integrating ESG management with corporate strategic planning.

ESG Goal Setting and Progress Review

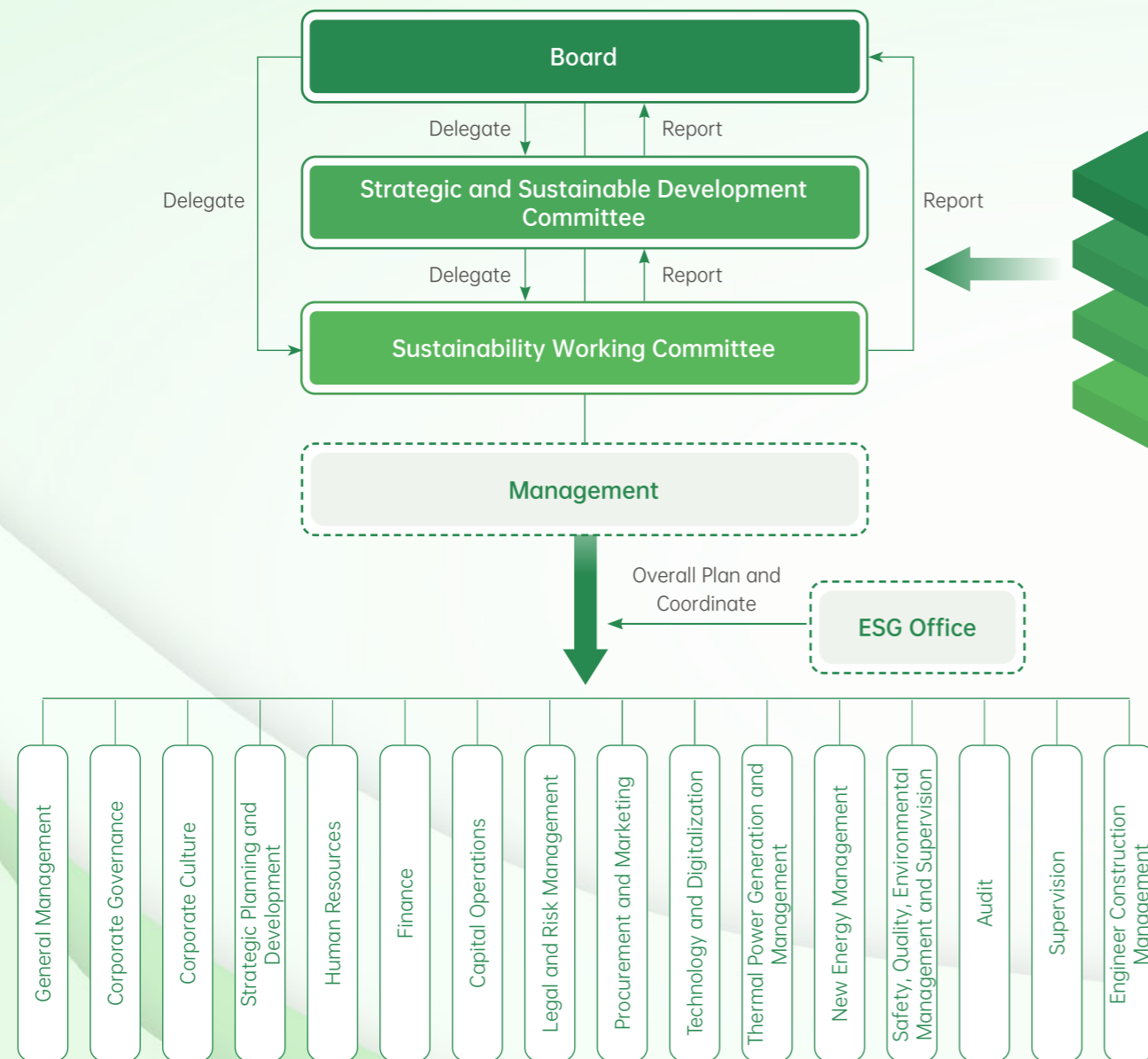
The Board is responsible for formulating and reviewing key performance targets related to ESG, tailored to the Group's specific circumstances. It regularly monitors progress toward these Targets and evaluates outcomes to ensure the successful realization of ESG goals. These targets encompass various critical areas, including board diversity, business ethics, compliance, the installed capacity of clean energy power plants, greenhouse gas emissions, resource utilization, employee rights and development, health and safety, supply chain management, community engagement, and public welfare. To enhance credibility, an independent third-party institution has been engaged to provide independent assurance on selected ESG performance indicators, ensuring their reliability. (For further details, please refer to *Appendix I. Assurance Report* in this report.)

The Group has established an ESG target accountability system that integrates key ESG-related indicators into the performance evaluations of executive directors and management. Remuneration linked to performance is awarded based on these evaluation scores. ESG-related indicators included in the evaluation cover clean energy development, ecological and environmental protection, energy saving and carbon reduction, technological innovation, safety management, talent development and diversity, digital transformation, and compliance management. In 2025, the Company enhanced its ESG performance-driven management by integrating the previously mentioned ESG indicators into subsidiary performance assessments. This initiative promoted grassroots responsibility and ensured timely achievement of ESG strategic goals.

ESG Governance Framework

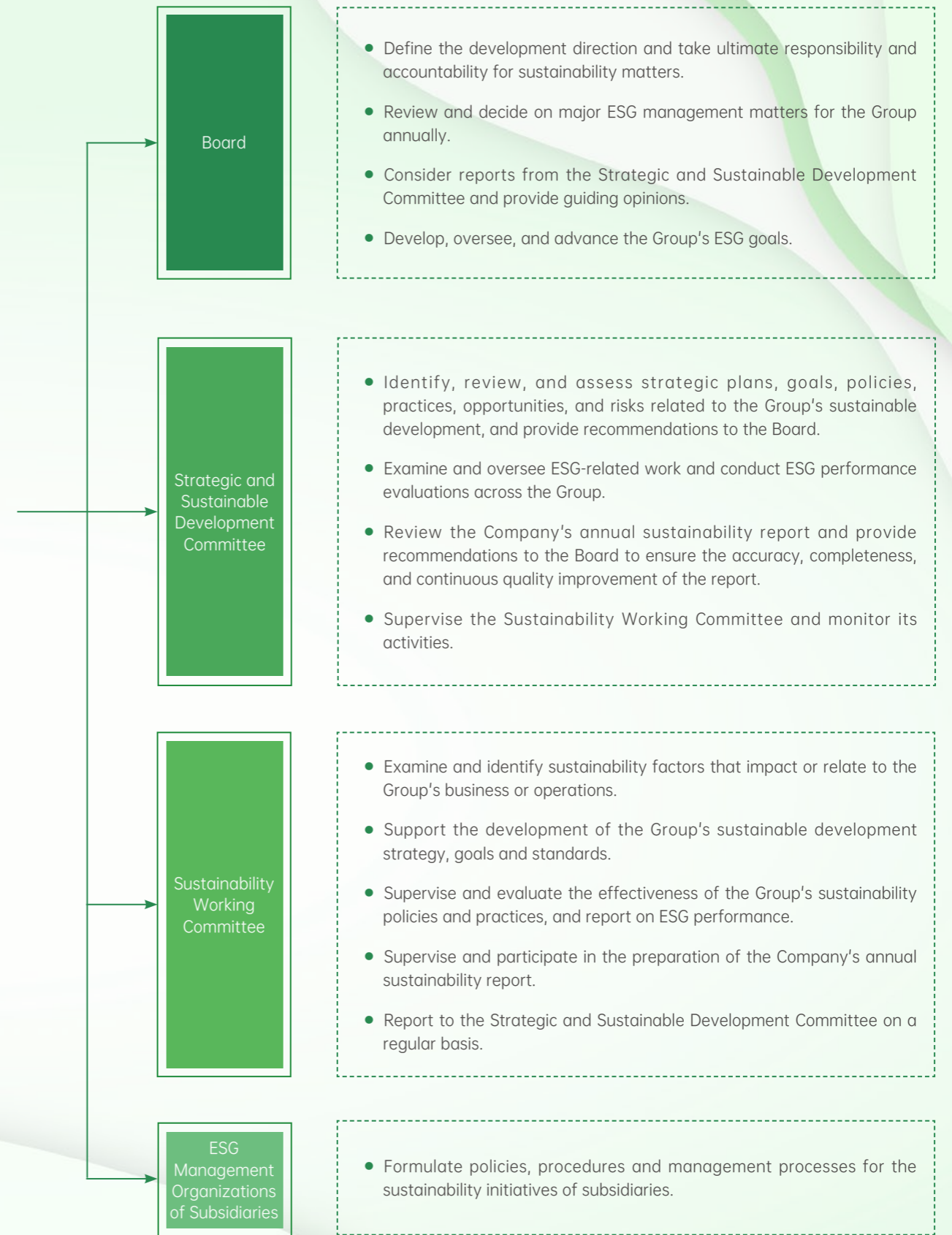
China Power continues to improve its ESG governance framework. The Board serves as the highest decision-making body for the Company's ESG matters. The Strategic and Sustainable Development Committee consists of six directors, chaired by Mr. GUI Xude, the Chairman of the Board. Other members include Mr. ZHAO Yonggang, Executive Director and President; Mr. HU Jiandong and Mr. ZHOU Jie, Non-Executive Directors; Mr. Li Fang and Mr. YAU Ka Chi, Independent Non-Executive Directors. The Strategic and Sustainable Development Committee is responsible for leading the Sustainability Working Committee, formulating policies and plans related to the Group's strategy and sustainability, and reviewing and evaluating opportunities and risks.

In 2025, China Power solidified a robust four-tier governance structure, which includes the Board of Directors, the Strategic and Sustainable Development Committee, the Sustainability Working Committee, and the Management Organizations of Subsidiaries. This framework mandates that all subsidiaries clearly designate executive sponsors, responsible departments, and dedicated ESG roles. Consequently, this approach effectively establishes a well-defined ESG talent architecture and fortifies ESG management responsibilities at the grassroots level.



ESG Governance Framework: Overall Leadership and Coordination for All Professional Segments

ESG Governance Framework: Responsibilities at Each Level



- Define the development direction and take ultimate responsibility and accountability for sustainability matters.
- Review and decide on major ESG management matters for the Group annually.
- Consider reports from the Strategic and Sustainable Development Committee and provide guiding opinions.
- Develop, oversee, and advance the Group's ESG goals.

- Identify, review, and assess strategic plans, goals, policies, practices, opportunities, and risks related to the Group's sustainable development, and provide recommendations to the Board.
- Examine and oversee ESG-related work and conduct ESG performance evaluations across the Group.
- Review the Company's annual sustainability report and provide recommendations to the Board to ensure the accuracy, completeness, and continuous quality improvement of the report.
- Supervise the Sustainability Working Committee and monitor its activities.

- Examine and identify sustainability factors that impact or relate to the Group's business or operations.
- Support the development of the Group's sustainable development strategy, goals and standards.
- Supervise and evaluate the effectiveness of the Group's sustainability policies and practices, and report on ESG performance.
- Supervise and participate in the preparation of the Company's annual sustainability report.
- Report to the Strategic and Sustainable Development Committee on a regular basis.

- Formulate policies, procedures and management processes for the sustainability initiatives of subsidiaries.

ESG Governance Highlights

ESG Talent Building

We are committed to enhancing the promotion of ESG management concepts, alongside the cultivation of talent, through China Power's 2025 ESG Training Program for Listed Companies. By delivering systematic lectures and discussions on ESG policy trends, compliance essentials, assurance processes, and management practices, we significantly improve the professional competence and practical capabilities of relevant personnel.



2025 China Power's ESG Training Program for Listed Companies

ESG Policies and Procedures Establishment

China Power continuously improves its ESG policies and procedures system by establishing a "1+N" framework. Within this framework, the *Environmental, Social and Governance Management Regulations* serve as the overarching policy, guiding all ESG initiatives. Additionally, the Company advances the development of specialized ESG sub-policies, including the release of the *ESG Information Disclosure Management Measures*, to standard its internal ESG information mechanism. The Company rigorously benchmarks itself against internationally recognized ESG rating standards and best practices. It has formulated and released key policies, including the *Employee Rights Protection Commitment*, the *Supplier Code of Conduct*, the *Occupational Health and Safety Management Policy*, and the *Business Ethics Management Policy*. These initiatives precisely address the fundamental concerns of capital markets and institutional investors.

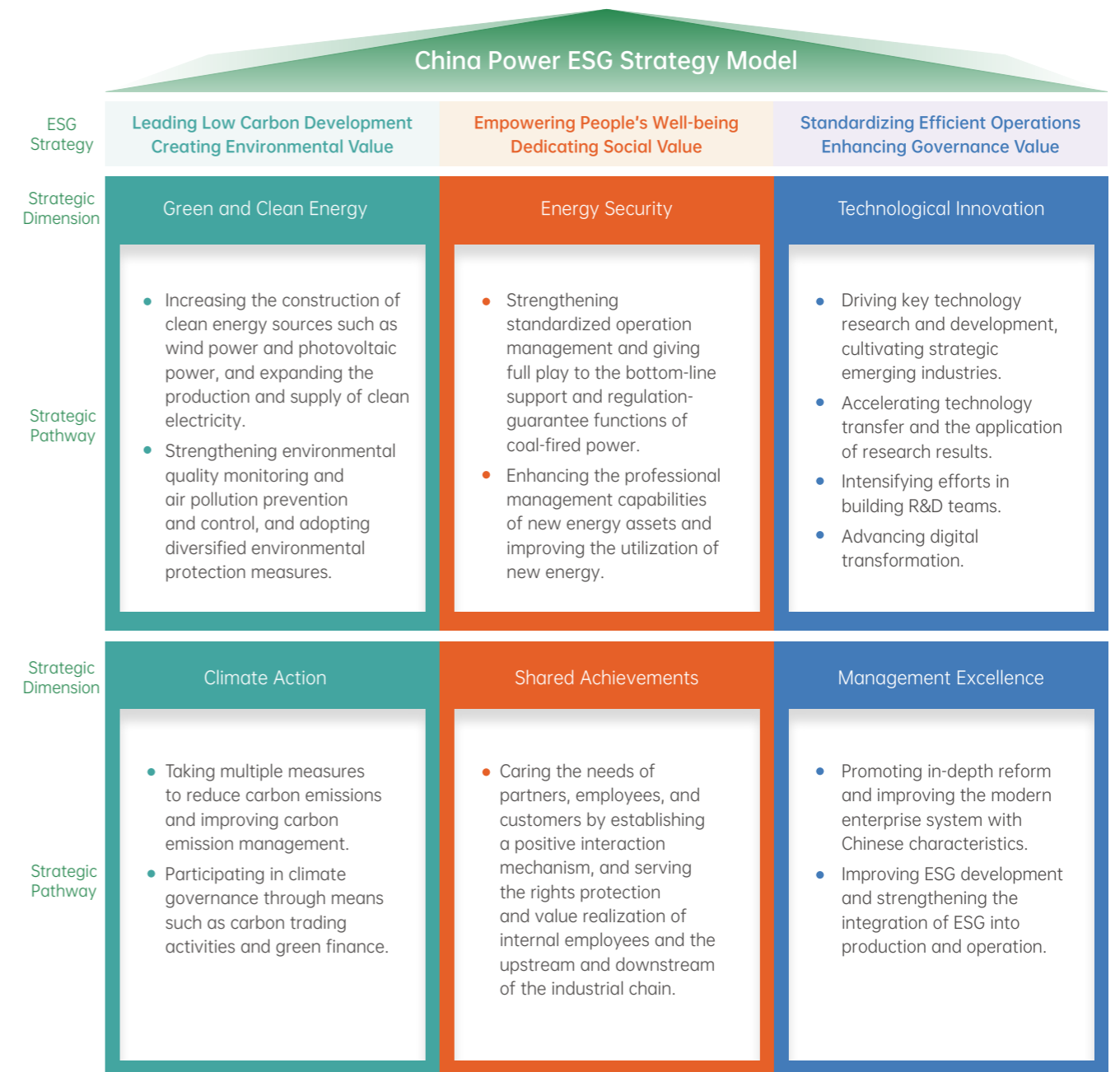
In 2025, we revised five management systems, notably the *Domestic Equity Investment Management Measures* and the *Fuel Supplier Management Measures*. This strategic overhaul effectively integrated ESG factors into the Company's external investment and supply chain management processes, significantly enhancing our risk prevention and control capabilities.



Strategy for Sustainable Development

China Power prioritizes top-level design for sustainable development, fully integrating the new development philosophy with ESG principles. The Company has built China Power ESG Strategy Model, and developed and released the *China Power ESG Strategy Model, Pathways and Targets*, which outlines comprehensive pathways for practice across six core strategic dimensions. This ESG model defines specific phased Targets and management metrics, allowing us to continuously monitor progress toward achieving our goals and implementing effective management measures to ensure the successful execution of our ESG strategy.

In 2025, we undertook our inaugural assessment of the completion of ESG strategic goals, affirming that our ESG strategy robustly directs the Group's sustainable development initiatives. Progress on all strategic tasks occurs systematically, with short-term goal completion rates surpassing 90%.

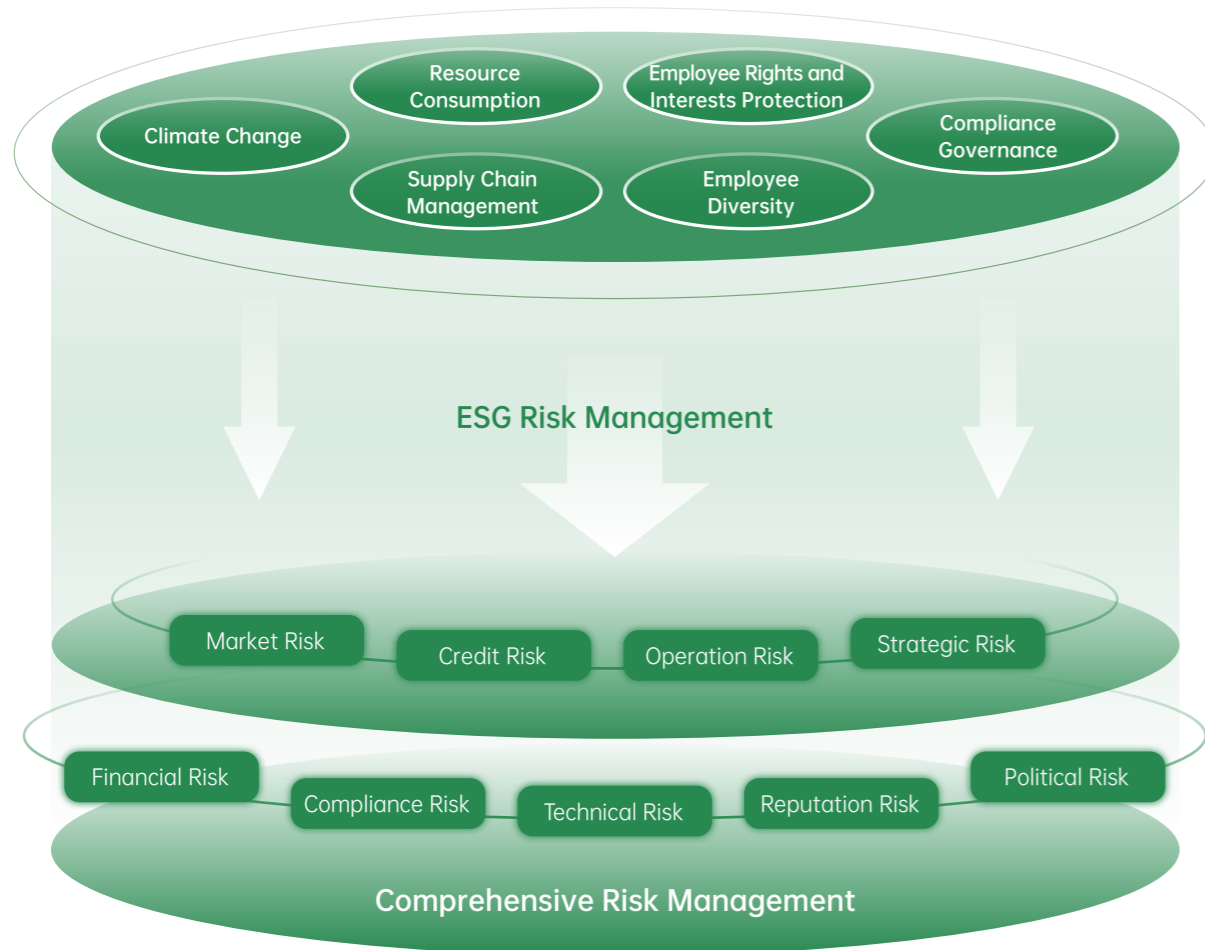


Risk Management for Sustainable Development

China Power has seamlessly incorporated ESG risks into the Company's enterprise-wide risk management (ERM) system. ESG risk management is conducted through a comprehensive risk management process that includes risk collection and identification, assessment and recording, monitoring and response, as well as reporting and evaluation.

We thoroughly analyze the impact of external factors, including policy changes, market dynamics, and climate change, on corporate development strategies and operations. Each year, we conduct a comprehensive identification and assessment of ESG risks. This process, spearheaded by the ESG Office and coordinated with relevant professional departments, is integrated into the enterprise-wide risk management framework under the Legal and Risk Management Department. The findings are presented to the Risk Management Committee for review. The frequency of risk management activities is determined by industry characteristics and risk volatility levels, featuring quarterly monitoring to facilitate timely identification and response to potential risks. We continuously address and control key ESG risks. Furthermore, China Power conducts independent assessments of its risk management system regularly to ensure the effectiveness of our risk management strategies.

In 2025, we enhanced our sustainable development risk control framework, with a specific emphasis on climate change and water resources—two critical environmental factors. The Group undertook a comprehensive risk identification process, prioritizing the assessment of climate-related impacts. This involved a quantitative evaluation of the Group's financial resilience against climate risks through rigorous stress testing. (For further details, please refer to the *Climate Risk Management* section of this report.) Simultaneously, utilizing the World Resources Institute (WRI) Water Risk Atlas, we conducted an extensive inventory and risk assessment of water resource usage across its subsidiaries. Consequently, a robust water resource management action plan was developed, ensuring comprehensive coverage of the water risk management cycle—encompassing identification, assessment, and response.



ESG Risks Integrated into the Enterprise-wide Risk Management (ERM) System

2025 China Power's Major ESG Risks and Mitigation Measures

Risk type	Description	Mitigation Measures	Outcomes
Policy Risk	As the electricity market undergoes deepening reforms and policies—such as the full market entry of new energy—are increasingly implemented, power generation projects confront dual challenges: declining volumes and prices. Consequently, revenue uncertainty for power generation enterprises is on the rise.	We rigorously monitor the implementation of electricity market policies and conduct in-depth policy analysis and research to facilitate timely adjustments to our response strategies.	We have instituted a weekly reporting mechanism for <i>Energy and Power Policy and Market Updates</i> to systematically monitor the latest developments in the industry. Our completed studies, including Analysis of the Impact of Shandong Province's Implementation Rules and Plans for Document No. 136 and Brief Analysis of the Basic Rules for the Electricity Ancillary Service Market, serve as essential references for effectively addressing market policy risks.
Business Transition Risk	The constrained availability of quality project resources, combined with heightened market competition and escalating government entry barriers, has rendered the successful bidding for premium projects more challenging.	China Power's foreign investment platforms, two major joint ventures, regional strategies, and strategic partnerships, are effectively leveraged to cultivate distinct competitive advantages and strengthen its capacity to secure high-quality resources.	We have developed and implemented several high-quality projects, including the Integrated Wind-Photovoltaic-Thermal-and-Storage Demonstration Project of CP Pu'an, the CP Shenhua Mulei 800 MW captive green power substitution wind power project, the Integrated Source-Grid-Load-and-Storage Project in Hutubi, Xinjiang, and the Fishery-Solar Complementary Photovoltaic Power Generation Project in Datong Lake. All of these projects have been integrated into the grid for power generation.
Technological Innovation Risk	Technological innovation frequently introduces new theories, methods, and technologies that may not have undergone comprehensive testing or validation. This uncertainty presents inherent risks, as issues arising during implementation can result in project failure, financial losses, or reputational damage.	By harnessing the technical expertise of both internal and external specialists, we evaluate the technical trajectories of research projects in their preliminary stages. Should an expert review reveal potential risks associated with a project's technical approach, we promptly devise appropriate risk control measures to prevent any significant deviations during the technological research and development process.	We adjust the annual scientific research project plan as needed and conduct thorough reviews of research feasibility and the progression of innovative achievements. By employing intellectual property novelty analyses, we robustly support these advancements. We strategically modify the composition of experts involved in project evaluations, integrating both internal and external resources to ensure objectivity and rigor in our reviews.
Market Competition Risk	As the marketization of electricity deepens, new energy sources are increasingly entering the market. Spot markets are advancing and expanding comprehensively, and the electricity consumption plans for commercial users are becoming fully liberalized. Consequently, the proportion of market-based transactions is rising, exposing the Group to intensifying competition within the electricity market and increasing uncertainties regarding market share and transaction prices.	We are committed to intensifying our market development efforts to secure adequate electricity quotas while ensuring positive marginal returns. Our strategies focus on enhancing our electricity sales capabilities, fully leveraging the role of electricity sales companies to guarantee contracted volumes. We continuously refine our market-based transaction competencies to maintain stable coal-fired power transaction prices. Additionally, we prioritize strengthening equipment management to improve capacity electricity fee recovery rates. Our initiatives extend to enhancing new energy transaction capabilities, actively participating in external delivery transactions, and engaging in green electricity and GEC trading. Furthermore, we review our marketing systems to align with national laws and regulations, revising any non-compliant clauses to ensure adherence. We systematically conduct risk identification within marketing processes to pinpoint potential risks and develop preventive measures.	Increasing Market Share: In 2025, the Company's electricity sales companies signed contracts for 35,103,000 MWh, with generation-side medium- and long-term transaction indicators increasing by 4,611,000 MWh year-on-year, representing an 8.74% growth. Strengthening the Recovery of Capacity Electricity Fees: The maximum output certification value for coal-fired power managed by the Company reached 98.07%. Standardizing Marketing Practices: The <i>Electricity Marketing Compliance Guidelines 1.0</i> was formulated, and daily rolling transaction management requirements were issued to further standardize various marketing activities.

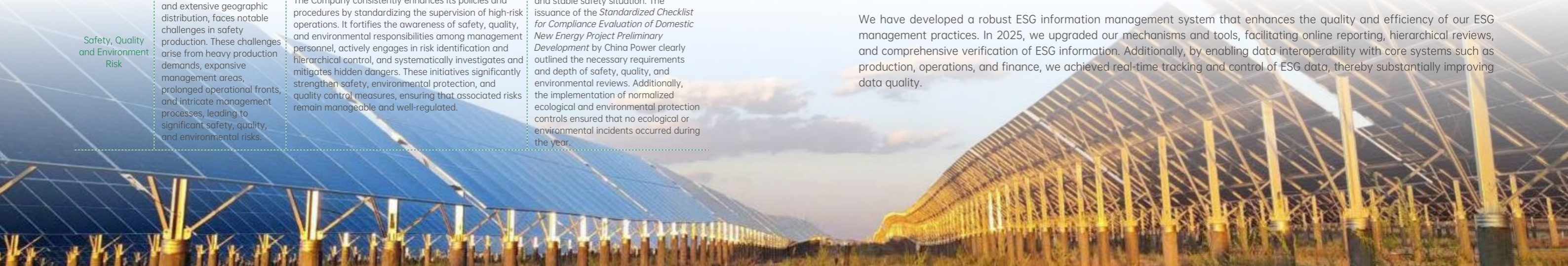
Risk type	Description	Mitigation Measures	Outcomes
Purchase and Supply Chain Risk	<p>The prices of bulk commodities, including photovoltaic modules frequently utilized by the Group, have recently exhibited a stable yet downward trend, thereby mitigating procurement risks.</p> <p>While supplier risks may be influenced by fluctuations in the international landscape and individual operational conditions, their impact on fulfillment capabilities is limited. Overall, the associated risks remain relatively minor.</p>	<p>We enhance our market research efforts and actively conduct studies on price trends of bulk commodities, such as photovoltaic modules, to inform the formulation of our procurement strategies and capitalize on advantageous procurement opportunities.</p> <p>We strengthen supplier management by closely monitoring the operational conditions of our suppliers. In instances where suppliers face operational challenges that may disrupt normal fulfillment, we implement timely measures to ensure supply stability. Additionally, we expand our supplier pool by selecting partners with exemplary qualifications and robust capabilities, while promptly addressing any instances of supplier misconduct.</p> <p>Furthermore, we refine our contract terms, rigorously enforce penalty clauses for contract breaches, and actively introduce price adjustment mechanisms in response to market fluctuations, thereby facilitating risk-sharing and ensuring stable material supply.</p>	<p>We have proactively organized market intelligence discussions and developed comprehensive analysis documents to effectively guide the formulation of our procurement strategies and capitalize on favorable opportunities. In alignment with production and construction needs, we systematically devise reasonable procurement demand plans, expedite procurement processes, and ensure a reliable supply of materials.</p> <p>Our approach to supplier management has been strengthened by prioritizing partnerships with suppliers that demonstrate strong capabilities, abundant resources, integrity, and a commitment to contract fulfillment. We conduct regular evaluations of our suppliers, implement dynamic management practices, promptly eliminate unqualified suppliers, and continuously optimize our supplier pool to maintain high standards.</p>
Coal Supply Risk	<p>With the advancement of coal-power joint ventures among key coal enterprises, these companies are increasingly allocating their self-owned coal resources to support their own joint ventures. Consequently, the proportion of sales conducted through external long-term contracts is gradually diminishing, thereby posing significant challenges to the signing and fulfillment of these contracts. Moreover, given the unpredictable nature of extreme weather events and other emergencies, certain regions face substantial risks of coal supply disruptions during specific periods.</p>	<p>The Company is committed to securing long-term contracts and diligently ensuring their fulfillment. To achieve this, it has established a dedicated task force focused on long-term coal contract fulfillment. This initiative includes the formulation of tailored fulfillment plans based on a one mine and one policy approach, which assigns specific responsibilities to individuals and mines. Additionally, the Company has implemented fixed-point supervision for loading and transportation, significantly enhancing the fulfillment rates of long-term contracts.</p> <p>To address domestic trade gaps, the Company expands its procurement of imported coal. By adhering to sound economic principles, it actively enhances its direct-import coal resources, leveraging them to secure a continuous and stable coal supply.</p> <p>Furthermore, the Company conducts precise market analysis and stores coal during off-peak periods to optimize efficiency. Through strengthened market research and strategic planning, it formulates effective strategies and capitalizes on low-price market opportunities. Measures such as off-peak procurement, stockpiling during low seasons for consumption during peak periods and forward fixed-quantity contracts are implemented to carry out coal stocking for summer and winter, ensuring a stable coal supply.</p>	<p>In 2025, the Company achieved a medium- and long-term contract fulfillment rate of 81.6%, with cumulative imported coal amounting to 1.61 million tonnes.</p> <p>Furthermore, the established coal stockpiling targets for the summer and winter peak demand periods were successfully met.</p>
Safety, Quality and Environment Risk	<p>The Company, with its substantial asset scale, diverse industry categories, and extensive geographic distribution, faces notable challenges in safety production. These challenges arise from heavy production demands, expansive management areas, prolonged operational fronts, and intricate management processes, leading to significant safety, quality, and environmental risks.</p>	<p>The Company consistently enhances its policies and procedures by standardizing the supervision of high-risk operations. It fortifies the awareness of safety, quality, and environmental responsibilities among management personnel, actively engages in risk identification and hierarchical control, and systematically investigates and mitigates hidden dangers. These initiatives significantly strengthen safety, environmental protection, and quality control measures, ensuring that associated risks remain manageable and well-regulated.</p>	<p>Throughout the year, no work safety incidents were reported across any production units, indicating a consistent and stable safety situation. The issuance of the <i>Standardized Checklist for Compliance Evaluation of Domestic New Energy Project Preliminary Development</i> by China Power clearly outlined the necessary requirements and depth of safety, quality, and environmental reviews. Additionally, the implementation of normalized ecological and environmental protection controls ensured that no ecological or environmental incidents occurred during the year.</p>

Risk type	Description	Mitigation Measures	Outcomes
Corruption Risk	<p>With thermal power infrastructure projects commencing construction in 2025, integrity risks persist in key areas such as bidding and procurement as well as project construction, which may lead to loss of state-owned assets.</p> <p>Some small and remote units have imperfect supervision mechanisms, with prominent integrity risks that may affect relationships with partners and suppliers, resulting in operational issues.</p>	<p>We have improved the integrity risk prevention and control system, conducted integrity risk screenings, urged functional departments to refine management systems, formulate prevention and control measures, and plug management loopholes, while strengthening constraints and supervision over the exercise of power.</p> <p>We have intensified supervision and inspection efforts, urged functional departments to fulfill their duties and responsibilities, increased oversight and accountability in respective areas of responsibility, and continuously enhanced the overall synergy of Integrated Oversight.</p>	<p>We have developed and disseminated a comprehensive list of key tasks aimed at enhancing supervision efforts, with a particular emphasis on addressing the "key minority" to bolster integrity education. Pre-appointment training sessions were conducted for newly promoted cadres across various levels to heighten their awareness of ethical practices.</p> <p>We reinforced our supervisory and regulatory frameworks by effectively utilizing the Integrated Oversight mechanism, focusing supervision on critical areas such as bidding and procurement, project construction, fuel management, material management, technical renovation initiatives, and marketing practices. Furthermore, we enhanced the coordination mechanisms among supervision, inspection, and auditing, implementing joint oversight for pivotal areas, notably small and remote new energy projects, thereby establishing an effective mechanism that makes corruption unworkable at the source.</p>
Talent Management Risk	<p>The Company is encountering a shortage of specialized talent in critical development areas, with efforts to cultivate a talent pipeline producing limited outcomes. Certain sectors continue to face a scarcity of skilled professionals, especially as personnel at aging thermal power plants reach an advanced age. To ensure the Company's sustained and stable development, it is imperative to continuously strengthen talent support initiatives.</p>	<p>We comprehensively assess the Company's strategic development and strengthen the selection, cultivation, utilization, and retention of specialized talent to provide support for our industrial development.</p>	<p>We have strengthened the talent selection, cultivation, utilization, and retention, completing routine work such as talent recruitment, cadre assessment, and performance appraisals with both quality and quantity assured, while enhancing the construction of talent pipelines.</p>

Indicators for Sustainable Development

China Power continues to refine its ESG indicator system and has developed comprehensive *ESG Data Reporting Guidelines* to clarify the content of ESG management but also define responsibilities, establishing a cohesive framework that strengthens our approach to ESG management.

We have developed a robust ESG information management system that enhances the quality and efficiency of our ESG management practices. In 2025, we upgraded our mechanisms and tools, facilitating online reporting, hierarchical reviews, and comprehensive verification of ESG information. Additionally, by enabling data interoperability with core systems such as production, operations, and finance, we achieved real-time tracking and control of ESG data, thereby substantially improving data quality.






Communication with Stakeholders

Considering characteristics of industry and business operations, China Power has put in place effective communication mechanisms with ten key categories of stakeholders, and conducted stakeholder impact assessments. As the highest level of stakeholder management, the Board actively identifies stakeholder expectations, responds to demands across all parties, and works to enhance the Company's ESG performance.

We have established a diverse array of communication channels aimed at ensuring effective engagement with our stakeholders. Internal communication mechanisms include meetings, briefings, letters, phone calls, and emails. Externally, we engage in regular meetings, distribute work reports, participate in community activities, and maintain public communications with regulatory agencies, investors, suppliers (including contractors), and partners. Additionally, we have developed a high-quality information disclosure platform that enables stakeholders to promptly access the latest news, board activities, capital market updates, ESG management developments, and other pertinent information via the Company's official website.

Our stakeholder impact assessments identify the potential effects of our operations and decisions on various stakeholder groups through market research and social surveys. We prioritize responsiveness to stakeholder concerns and encourage feedback regarding their expectations and issues through publicly available channels. (For further details, please refer to the *Business Ethics—Whistle-blowing Mechanism* section of this report.)

Stakeholder Communication Mechanisms

Stakeholder	Expectations and Requests	Modes of Communication and Participation	Our Responses
 Regulators	<ul style="list-style-type: none"> Compliance with laws and rules Compliance operations Tax payments under laws Energy saving and emission reduction Driving employment 	<ul style="list-style-type: none"> Participation in relevant meetings Work reporting Information submission 	<ul style="list-style-type: none"> Abiding by laws and regulations Accelerating business development and transition Actively engaging and communicating with relevant regulatory agencies Fulfilling tax obligations
 Investors	<ul style="list-style-type: none"> Information disclosure Increasing profit Stable dividend payout policy Increasing the capitalization Lowering the operational risk ESG performance 	<ul style="list-style-type: none"> Performance briefings Roadshow Reverse roadshow Investors conference Shareholders' meeting Daily communications 	<ul style="list-style-type: none"> Maintaining close communication with investors to enhance the quality and timeliness of information disclosure Striving to enhance the profitability of the Group to protect shareholders' long-term returns Adopting market suggestions to improve the international ESG rating level
 Management	<ul style="list-style-type: none"> Maintaining steady growth in operating performance Improving the risk and internal control system Enhancing ESG governance effectiveness 	<ul style="list-style-type: none"> Board of Directors and special committees Internal audit Annual performance evaluation 	<ul style="list-style-type: none"> Improving governance structure Enhancing the foresight and scientific basis of decision-making Strengthening awareness of compliant operations Integrating sustainable development indicators into performance assessments

Stakeholder	Expectations and Requests	Modes of Communication and Participation	Our Responses
 Employees	<ul style="list-style-type: none"> Safeguarding the legitimate rights and interests of employees Protecting the occupational health and safety Offering proper salaries and benefits Securing fair career development Caring for employees 	<ul style="list-style-type: none"> Worker congress Employee discussions Employee satisfaction survey Reasonable suggestions collection Internal affairs disclosure Daily communications Trade Union organization guarantee 	<ul style="list-style-type: none"> Signing and observing employment contracts in accordance with the law and implementing democratic management Developing an occupational health and safety management system and strengthening employee protection against occupational diseases Optimizing remuneration and benefits policy Providing systematic career planning and employee development training Assisting employees in need and serving retired employees
 Customers	<ul style="list-style-type: none"> Contract fulfillment Quality assurance Services guarantee Mutual development 	<ul style="list-style-type: none"> Sales and ordering meetings Customer satisfaction survey 	<ul style="list-style-type: none"> Delivering high-quality, efficient, safe, and green energy products and services Keeping business secrets Improving the quality management system
 Suppliers (including contractors)	<ul style="list-style-type: none"> Long-term cooperation Honoring commitments Fair and transparent procurement Shared development Mutual development 	<ul style="list-style-type: none"> Supplier conferences Supplier training Bidding information transparency Strategic cooperation Cooperation agreement 	<ul style="list-style-type: none"> Following transparent business principles and processes Standardizing management and fulfilling contracts and agreements Adopting responsible procurement policy
 Creditors	<ul style="list-style-type: none"> Strong debt repayment capability Repaying the principal and interest on time Mutual trust and cooperation 	<ul style="list-style-type: none"> Cooperation agreement 	<ul style="list-style-type: none"> Preventing financial risks Repaying loans on time Strengthening communication
 Partners	<ul style="list-style-type: none"> Establishing harmonious and interactive friendly relationship Achieving win-win cooperation and mutual development 	<ul style="list-style-type: none"> High-level mutual visits Strategic cooperation 	<ul style="list-style-type: none"> Broadening communication and cooperation channels Strengthening communication and cooperation Strengthening work related to Industry-University-Research cooperation
 Peers	<ul style="list-style-type: none"> Abiding by policies and industry regulations Creating a healthy competitive environment Promoting the development of the electric power industry 	<ul style="list-style-type: none"> Industry associations Discussions and meetings 	<ul style="list-style-type: none"> Ensuring strict compliance with industry policies and regulations Upholding business ethics, and maintaining healthy market competition Deepening power system reforms to enhance the Company's core competitiveness Strengthening industry exchanges to promote industry development
 Public/Media	<ul style="list-style-type: none"> Supporting regional economic growth Protecting community living environments Building harmonious communities Ensuring truthful and transparent information Responding promptly to social concerns 	<ul style="list-style-type: none"> Cooperation for joint development Public welfare activities Awareness activities Press conference 	<ul style="list-style-type: none"> Supporting the economic development of the regions where we operate Organizing environmental public welfare activities Performing out community volunteer service Maintaining regular media communication

Analysis of Material Issues

Determination of Material Issues

China Power conducts annual research and analysis on material issues. In 2025, the Company implemented the Double Materiality assessment principle for the first time, drawing on the evaluation methods outlined in *GRI 3: Material Topics 2021* under the *GRI Universal Standards 2021* and the *European Sustainability Reporting Standards (ESRS)*. Through stakeholder surveys, China Power identified, assessed, and confirmed material topics across two dimensions: financial materiality and impact materiality.

In 2025, we reviewed and updated China Power's material issues matrix, finalizing 27 key sustainable development issues, which helped the Company clarify the focus of ESG disclosure and management direction.

In alignment with the key ESG issues for 2025, we executed a comprehensive materiality issue analysis utilizing the identification-assessment-confirmation methodology.

Identification

Combining trends in sustainable development policies, industry dynamics, and the Group's current situation, we reviewed and updated the China Power material issues database, identifying 27 key ESG issues for the year.

Financial Materiality: Whether the issue is expected to have a significant impact on the Company's business model, operations, development strategy, financial position, operating results, cash flow, financing methods and costs, etc., in the short, medium or long term.

Impact Materiality: Whether the Company's performance on a given topic has a significant actual or potential impact on the economy, society or environment.

Assessment

We conducted questionnaire surveys to gain insights into stakeholders' evaluations regarding the significance of each key ESG issue.

1) Questionnaires focusing on financially material issues were distributed to the management, encompassing Board members, senior executives, relevant financial management staff, and investors. This aimed to assess the financial implications of each issue on business operations.

2) Questionnaires on impact materiality were distributed to other employees, customers, suppliers (including contractors), other partners, regulatory authorities, peers, and the public/media to assess the impact of the Company's management performance under each issue on the economy, society, and environment.

Based on the survey results, we performed a systematic quantitative analysis of the material issues, presenting their priorities in a matrix list format.

Confirmation

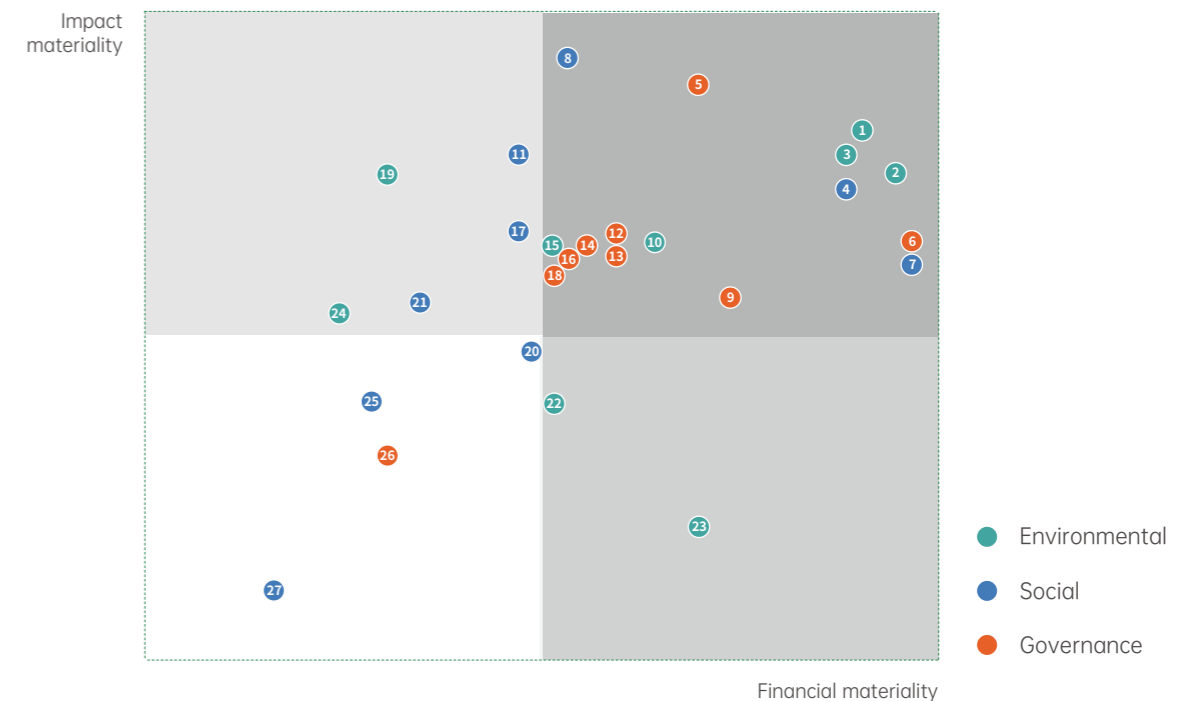
Subject to review of materiality assessment results by the Board, the matrix of ESG material issues of 2025 was finalized.

Material Issue Matrix

Through the processes of identification, assessment, and confirmation, we have presented the materiality of 27 key issues in a matrix format. In this matrix, the first quadrant features issues that are material from both financial and impact perspectives. The second quadrant encompasses issues that hold significance primarily due to their impact. Conversely, the fourth quadrant includes issues that are material for their financial implications. Topics classified in the third quadrant are regarded as having lower materiality.

We continuously monitor issues of double materiality, identifying associated sustainability risks and integrating them into the Company's enterprise-wide risk management (ERM) system for prioritization, regular monitoring, and control. This strategic approach empowers us to co-create and share sustainable corporate value with all our stakeholders.

2025 China Power ESG Materiality Matrix



Ranking of Material Issues

Issues with both financial and impact materiality (double materiality)		Issues primarily of financial materiality	Issues primarily of impact materiality	Issues of lower materiality
1 Green and Low-carbon Development	9 Protecting Investor Rights and Interests	22 Addressing Climate Change	11 Protection of Employee Rights and Interests	20 Responsible Supply Chain
2 Clean Energy Development and Utilization	10 Greenhouse Gas Emissions	23 Green Investing and Financing	17 Employees Development and Training	25 Customer Responsibility
3 Renovation with Eco-Friendly Technologies	12 Business Ethics		19 Management of Resources	26 Diversity Efforts
4 Energy Supply	13 Innovative Development		21 Social Contributions	27 Community Engagement
5 Strategy Planning	14 Digital Transformation		24 Emissions and Discharges Management	
6 Compliance and Risks Controls	15 Ecological and Environmental Protection			
7 Work Safety	16 Information Security			
8 Employees Occupational Health and Safety	18 Stakeholder Engagement			

Feature Technological Innovation for Advancing Core Business

China Power is committed to steering its development through technological innovation and shaping its core capabilities, while continuously strengthening the supporting role of technology in its core business development. By intensifying its research in key technological areas, promoting practical applications of innovative achievements, and proactively deploying new technologies, China Power is facilitating the seamless integration of technological components into work safety, operational management, and business decision-making processes. As a result, China Power consistently enhances the safety, efficiency and flexibility of energy supply, catalyzing a synergistic enhancement of both technological and industrial strengths. This unwavering commitment provides sustained momentum for the stable operation, structural optimization, and long-term competitiveness of our core business.

Technology-enabled Breakthroughs

China Power firmly positions technological innovation as the primary engine driving the high-quality development of its core business. The Company focuses on addressing common challenges and critical bottlenecks that hinder industry advancement, systematically promoting breakthroughs in core technologies and achievement transformation. Rooted in practical application scenarios and engineering practices, we enhance collaborative innovation in key technological areas, resulting in significant achievements in equipment safety, system efficiency, operational economy, and intelligence levels. These innovations effectively mitigate efficiency constraints and cost pressures in traditional energy operations, continually transforming our competitive advantages into robust business growth and market leadership.

CP Hua Chuang Addressed Industry Challenges Through Power Membrane Engineering Laboratory

In November 2025, CP Hua Chuang successfully deployed its independently developed power reverse osmosis membrane at Wuhu Power. This innovative membrane achieved an impressive salt rejection rate of 99.7±0.1% and a water production rate of 38±3 LMH through advanced membrane modification, reaching internationally recognized standards. Furthermore, the pioneering demineralized water method, incorporating feedwater oxygenation treatment technology, passed rigorous assessment and was implemented across four supercritical units at Pu'an Power and Shangqiu Thermal Power. This technology significantly mitigates boiler corrosion and deposition, enhances thermal efficiency, and demonstrates substantial energy-saving and emission-reduction benefits, underscoring its considerable value for promotion.



First Industrial Application of "Bisichuang" Reverse Osmosis Membrane

CP Hua Chuang Developed High-Pressure Piping Water-Cooling Wall Spraying Technology

In 2025, the high-pressure piping water-cooling wall spraying technology independently developed by CP Hua Chuang was successfully implemented across eight power plants. This innovative technology prevents high-temperature corrosion of boiler tubes, resulting in over a 90% reduction in tube replacement in protected areas. Notably, China Power Dabieshan (an associate of the Company) Unit 2 has reported annual economic benefits of approximately RMB 2,000,000 for a single plant, significantly enhancing equipment reliability, resource utilization efficiency, and overall operational economic performance.



Application Effect of High-Pressure Piping Water-Cooling Wall Spraying Technology

Qiyuanxin Power Solved the "Weight Loss" Challenge for Electric Heavy-Duty Trucks

In 2025, Qiyuanxin Power, an associate of China Power, addressed the significant challenges confronting electric heavy-duty trucks in tonne-kilometer billing scenarios. These challenges stem from the self-weight of batteries, which compresses cargo capacity and limits operational returns. To tackle this issue, the company made substantial advancements in battery weight reduction through two primary avenues: material innovation and integrated design. By implementing a highly integrated Cell to Body (CTB) solution that features a full aluminum structure and a shared vehicle-storage design, the battery system achieved notable improvements in both lightweighting and energy density. This innovation enabled mainstream swappable batteries to free up approximately 0.3 tonnes of effective payload without compromising range or reliability. Extensive validation across various coal and aggregate transportation scenarios demonstrated the direct conversion of reduced weight into additional capacity and revenue. Coupled with efficient battery swapping and rapid charging energy replenishment models, these advancements significantly enhance operational advantages by allowing for increased payload per trip, ultimately transitioning technological value into commercial value.



Qiyuanxin Power Electric Heavy-Duty Truck

Technology Empowered Safety Management

We consider technological innovation to be a crucial lever for enhancing safety management standards, with a focused emphasis on high-risk, high-intensity, and high-uncertainty operational aspects within both new energy and traditional energy production and operations. We advance the application of intelligent systems and innovative technologies in the safety management arena, effectively driving the transformation from reliance on manual experience to intelligent-assisted decision-making, and from passive response mechanisms to proactive prevention strategies. These advancements significantly reduce operational risks for personnel and enhance occupational health protections for employees, thereby providing solid support for stable station operations.

By the end of 2025, the Group made substantial progress in safety management innovation under the *Technology-Driven Safety*⁴ initiative, specifically addressing safety needs within the power industry. We integrated information-based and intelligent technologies to enhance front-end risk identification and process control, effectively eliminating accident hazards in their nascent stages. We not only met our original strategic goal of achieving commercialization of three technological achievements under Technology-Driven Safety but exceeded it, culminating in a total of 47 such accomplishments. Relevant technologies have been successfully promoted and implemented across multiple stations, significantly supporting the steady improvement of the Company's intrinsic safety levels.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Commercialization of technological achievements under Technology-Driven Safety	-	Achieve commercialization of 3 technological achievements	Achieved commercialization of 47 technological achievements	Achieved

Key Technologies for Early Warning and Risk Prevention and Control in Electrochemical Energy Storage Power Stations

In 2025, the Group prioritized electrochemical energy storage safety management by developing AI-driven active safety early warning algorithms, implementing edge-cloud technologies, and deploying robotic systems for inspection and firefighting. Through the integration of BMS-firefighting joint prevention and control and multi-parameter fusion detection, the Group successfully achieved extremely early risk warnings. Leveraging the AIOPS2000, a large-scale centralized intelligent energy storage operation platform, a comprehensive active risk prevention and control system was established for energy storage power stations. These advancements have been implemented at scale in energy storage projects exceeding 5,300 MWh, significantly reducing personnel operational intensity and ensuring the safe and efficient operation of energy storage assets.



AIOPS2000 Large-scale Centralized Intelligent Energy Storage Operation Platform



Robotic Firefighters

⁴ *Technology-Driven Safety*: A strategic initiative that leverages advanced technologies to enhance work safety in the power industry, utilizing information-based and intelligent technologies to effectively eliminate accident hazards at their inception.

Wind Turbine Blade Anti-Icing Coating Technology and Intelligent Early Warning System

In 2025, the wind turbine blade anti-icing coating and intelligent early warning system developed by CP Hua Chuang were successfully implemented at high-altitude, extreme cold wind farms. This innovative technology provides precise early warnings of icing risks, facilitating efficient prevention and control measures that recover up to 70% of power generation losses attributed to icing. Consequently, it significantly enhances the reliability and economic viability of clean energy generation while effectively ensuring the safety of both equipment and personnel.



CP Hua Chuang Wind Turbine Blade Anti-Icing Coating Technology Application Site (Left) and Technical Schematic (Right)

Digital Health Detection and Assessment Management System for Generators

Pingwei Power has implemented a sophisticated digital health detection and assessment management system for its generators. This system leverages data analysis, AI, and calculations to monitor the operational status of generators in real time, effectively addressing the challenges posed by traditional monitoring lags. Key functionalities include electromagnetic characteristic monitoring, temperature analysis and prediction, shaft voltage monitoring, and electrical corrosion protection. Consequently, the system provides precise early warnings of potential equipment failures, thereby reducing the risk of unplanned shutdowns and minimizing maintenance costs.



Electromagnetic Calculation Model Function Interface at Pingwei Power

Intelligent Safety Defense Technology for Large Steam Turbine Generators Under Deep Peak Regulation

In 2025, CP Hua Chuang pioneered the development of advanced intelligent safety defense technologies designed for large steam turbine generators operating under deep peak regulation. This initiative addresses the safety risks and operational challenges that arise from the frequent engagement of thermal power units in this regulatory environment. The company established a collaborative defense system that encompasses operational regulation, intelligent warning mechanisms, and maintenance decision-making processes. This system mitigates issues related to uneven stator and rotor temperature fields and localized overheating, which are often exacerbated by rapid load fluctuations. Furthermore, it overcomes historical technical hurdles, such as delayed responses in traditional insulation diagnostics, high rates of misjudgment, and challenges in accurately determining optimal maintenance timing. As a result, there has been a synchronous enhancement in the operational safety, reliability, and intelligence of generator units in deep peak regulation contexts. Currently, these innovations have been successfully implemented across more than 30 units within and beyond the Company, effectively reducing the risks of equipment failure and bolstering the flexible regulation capabilities and overall operational resilience of thermal power units.



CP Hua Chuang Electrical Research Institute Project Team Conducting Tests and Analysis On-site

AI-driven Development

China Power is at the forefront of integrating AI with production and operations, exploring operation and management models that emphasize data-driven and analytical methods. By implementing intelligent sensing and algorithmic optimization in various domains—including environmental protection facility operations, new energy station management, and market-based transactions—the Company significantly enhances operational efficiency, risk prediction capabilities, and business agility. This strategic endeavor positions China Power to achieve advanced intelligent operation and maintenance, ensuring a competitive edge in the industry.

Achievement of Short-term Goals of ESG Strategy

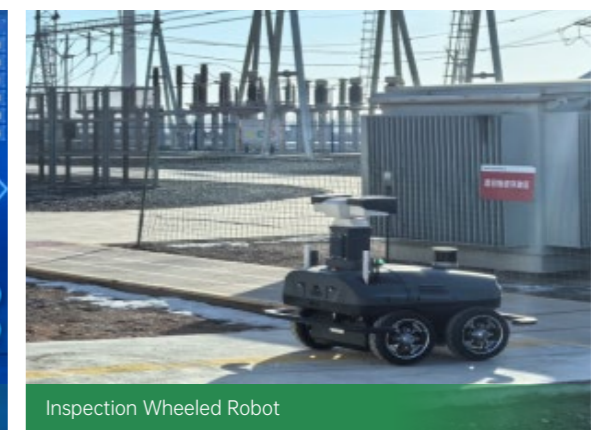
Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
New energy smart station ⁵ construction	-	The completion rates for smart transformation in new energy and hydropower projects, given suitable conditions reach 50% and 25%, respectively.	The completion rate for smart transformation in new energy projects is about 50%, while the completion rate for hydropower projects is about 30%.	Achieved

Intelligent Centralized Control Center for New Energy Stations

The Intelligent Centralized Control Center establishes a comprehensive data chain encompassing collection-governance-storage-modeling-service. This system is predicated upon a distributed architecture and microservices design, which facilitates four essential segments: intelligent machine rooms, intelligent operation and maintenance, intelligent centralized control, and intelligent advanced applications. The intelligent machine room optimizes energy consumption and provides early fault warnings, while intelligent operation and maintenance predict equipment failures. The intelligent centralized control segment ensures precise regulation of station data, and the intelligent advanced applications employ machine vision and image recognition algorithms to enhance equipment inspection efficiency. Collectively, these innovations elevate the intelligent management capabilities of new energy stations.



Intelligent Machine Room System Interface

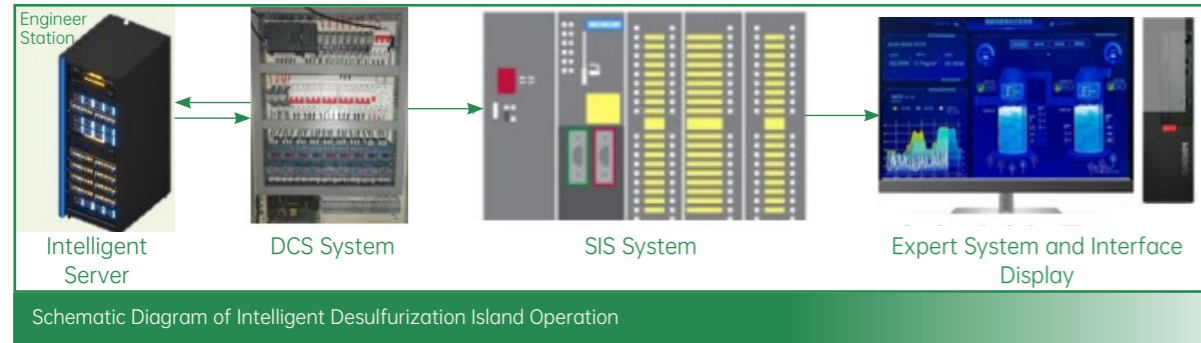


Inspection Wheeled Robot

⁵ New energy smart station: This aims to enhance industrial standardization, intensification, and digital-intelligent control capabilities. These efforts will significantly improve the operational intelligence, economic and technical performance, and management efficiency of new energy stations.

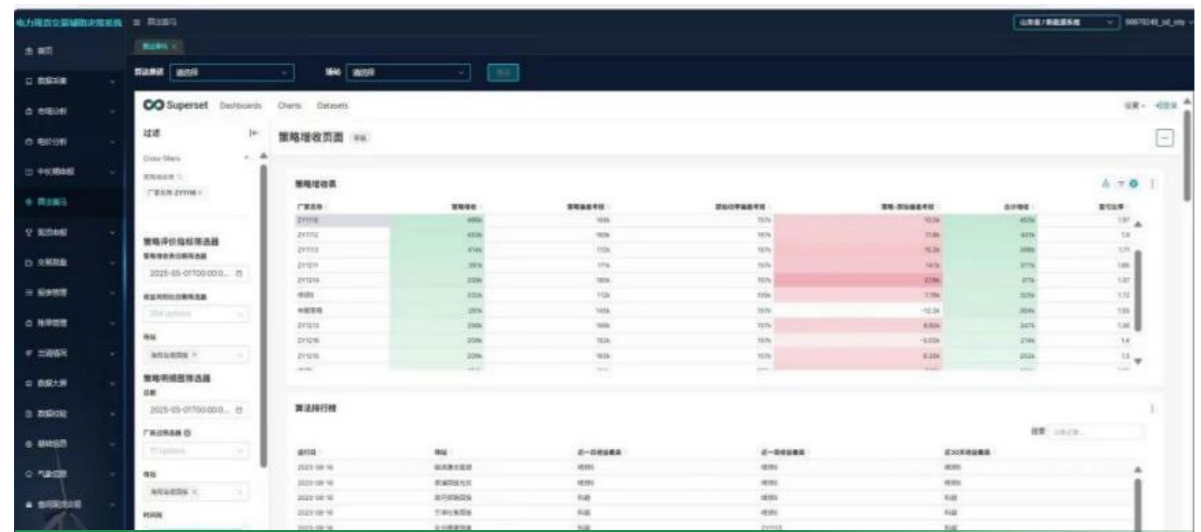
Cloud-Edge Intelligent Control and Digital Desulfurization Island

In 2025, CP Hua Chuang successfully developed cloud-edge intelligent control and digital desulfurization island technology, which integrates AI, big data, and digital twin methodologies. This innovation establishes fault early warning and diagnosis models for critical desulfurization equipment. It facilitates intelligent recommendations for optimal circulating pump operation combinations, automates the control of oxidation air volume and slurry supply, and enhances overall functionality. This technology not only ensures stable compliance with sulfur dioxide emission standards but also propels the transformation of desulfurization systems from experience-based operations to data-driven intelligent optimization, significantly reducing energy consumption.



Electricity Spot Market Assistant Trading System

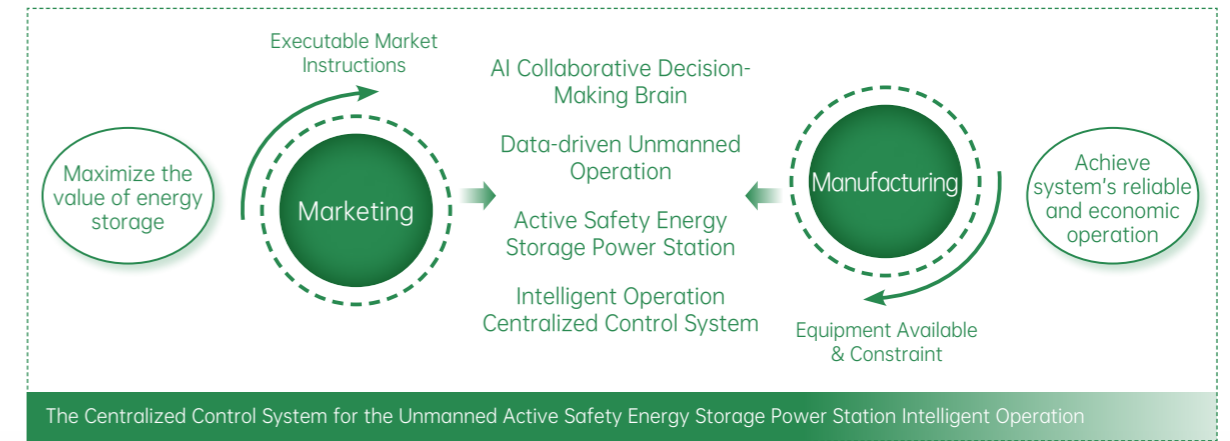
In March 2025, Shandong Company successfully implemented an AI Algorithm Horse Racing mechanism within its new energy assistant decision-making system. This innovation enabled the comparative application and dynamic optimization of multiple trading strategies. By integrating AI into day-ahead trading decisions for new energy, the company significantly enhanced strategy alignment and revenue generation, resulting in approximately RMB 11,770,000 in additional income for 2025. This outcome validates the effectiveness of AI in enhancing new energy marketing and facilitating market-based transactions.



Assistant Decision-Making System Interface for Electricity Spot Market Trading

AI-enabled Trading Strategy System Based on Equipment Health Perception

In 2025, XYZ Storage developed an innovative AI-enabled equipment health perception trading strategy aimed at maximizing the value of energy storage assets. This strategy transitions critical production data, such as equipment health status, from reactive post-event monitoring to proactive pre-event decision-making. By integrating a lightweight Transformer model for electricity price prediction with AI and a digital twin for health assessment and operational planning, it establishes a cohesive optimization framework. This approach enhances market revenue capabilities while ensuring both the safety and longevity of equipment.





Compliance Governance

Fortifying Foundation for Development

Indicator	Unit	2024	2025
Total participants in business ethics training	person-time	76,321	80,876
Number of contractors covered by business ethics training	contractor	4,284	4,529
Total number of information security training	time	38	100
Investment in digital transformation	RMB'000	357,656	441,586

China Power takes governance as its cornerstone, continuously optimizing governance structures, clarifying boundaries of authority and responsibility, and ensuring transparent and efficient decision-making. The Company conducts comprehensive supervision, strengthens compliance management, and optimizes risk control and internal audit mechanisms. It leverages digital innovation to improve operational efficiency and production effectiveness, maintains good communication with investors, and safeguards their legitimate rights and interests, providing solid assurance for the enterprise's high-quality development.

Responding to the United Nations Sustainable Development Goals (SDGs)

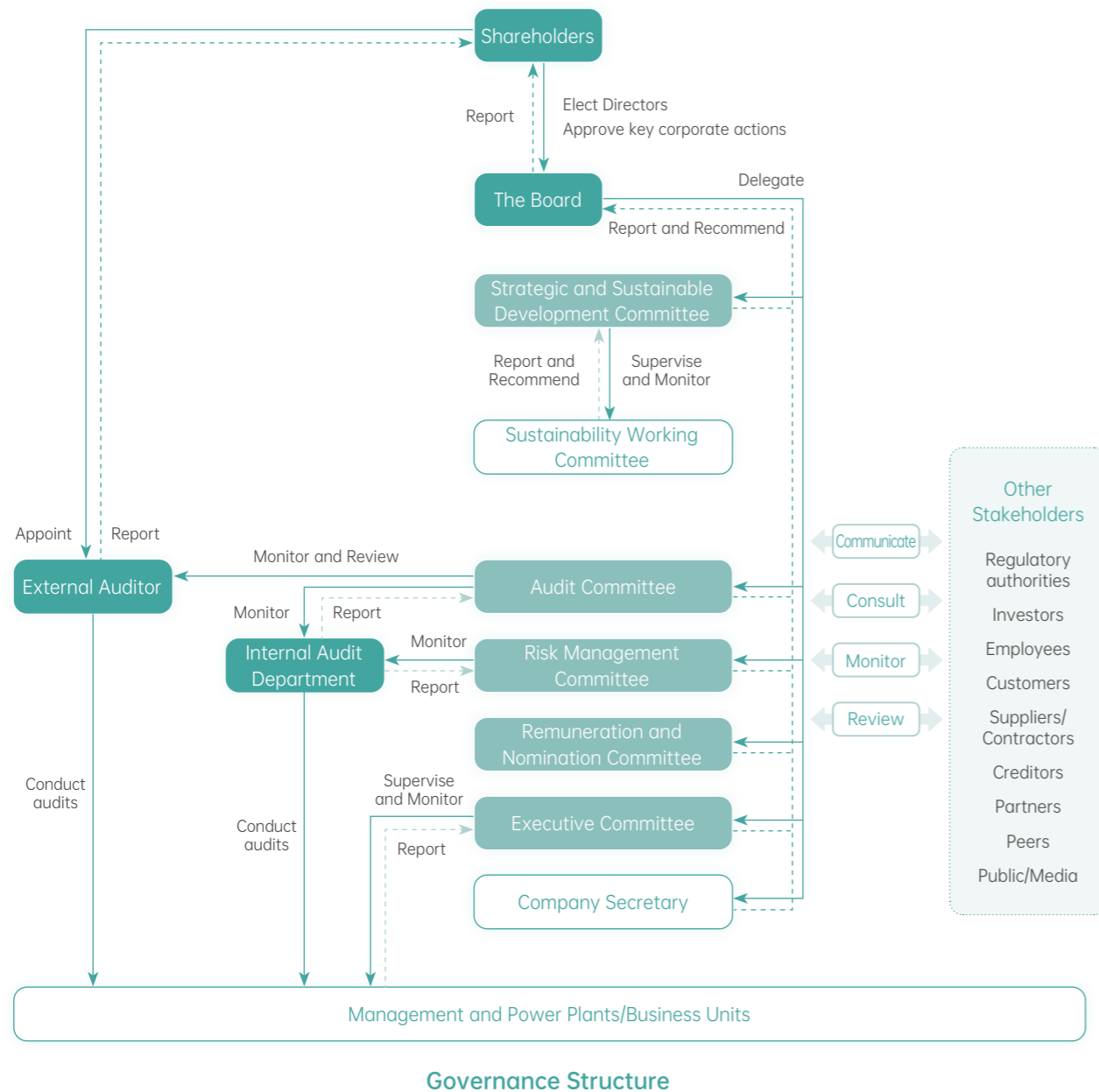


Scientific and Stable Governance

China Power places great emphasis on corporate governance, consistently adhering to laws, regulations, and regulatory requirements. The Company strictly complies with the relevant laws and regulations of its operating and listing jurisdictions, continuously improving its corporate governance framework and enhancing governance standards. We have established a standardized corporate governance mechanism, forming effective decision-making and supervisory processes to promote the healthy and stable development of the Company.

Governance Framework

China Power adheres to laws, regulations, and supervisory requirements, operating in a standardized manner to construct a modern corporate governance system characterized by statutory authority and responsibility, transparent authority and responsibility, coordinated operation, and effective checks and balances. The Company has established a governance framework composed of shareholders, the Board, five committees under the Board, and the management team.



Regulated Governance

China Power has implemented robust policies, including the *Board Working Rules* and the *Rules of Procedure for the Executive Committee of the Board of Directors*, with timely updates to these frameworks. In 2025, the Company revised critical policies, such as the *Headquarters Authority and Responsibility List*, along with the *Management Measures for Standardized Operation and Evaluation of Boards of Directors of Domestic Affiliated Companies*, to ensure the effective and standardized advancement of Board operations.

The Board of China Power consists of nine directors who exercise their authority in accordance with legal requirements, diligently carry out their duties and make sound decisions. They actively participate in board meetings, and formulate the Group's development strategies and direction with the assistance and advice of its committees. The management team ensures that the decisions of the Board are accurately communicated and implemented.

Under the Board are five committees: the Strategic and Sustainable Development Committee, the Remuneration and Nomination Committee, the Audit Committee, the Risk Management Committee, and the Executive Committee. Since their establishment, these committees have fully leveraged their professional strengths, working in accordance with relevant laws, regulations, normative documents, and their respective procedural rules.

China Power places great importance on the diversity of its Board members and ensures the diversification of the Board's professional experience and the complementarity of its capability structure through the formulation of internal systems. In 2013, the Board adopted the *Board Diversity Policy* and reviewed the measures annually for its implementation and effectiveness. The selection and appointment of Board members consider multiple factors, including but not limited to gender, age, culture, education background, ethnicity, professional experience, skills, knowledge, and other characteristics, providing diverse perspectives and viewpoints for decision-making and ensuring the efficient and coordinated operation of the Board. The current members of the Group's Board have extensive industry experience and academic backgrounds across multiple disciplines, including strategic planning and governance, executive leadership, electric power industry experience, risk and compliance, global market experience, other listed board experience, as well as profession in areas such as accounting, finance, law and engineering. (For further details, please refer to the Company's *Annual Report 2025*.)

Board Composition

Name	Gender	Title	Committee(s)	Education Background
GUI Xude	Male	Chairman of the Board, Executive Director	1 3 5	Master's degree
ZHAO Yonggang	Male	Executive Director, President (the chief executive of the Company)	1 3 5	Master's degree
HU Jiandong	Male	Non-Executive Director	1	Master's degree
ZHOU Jie	Male	Non-Executive Director	1	Bachelor's degree
HUANG Qinghua	Female	Non-Executive Director	4	Master's degree
CHEN Pengjun	Male	Non-Executive Director	3	Master's degree
LI Fang	Male	Independent Non-executive Director	1 2 3 4	Juris Doctor (JD)
YAU Ka Chi	Male	Independent Non-executive Director	1 2 3 4	Professional diploma
HUI Hon Chung, Stanley	Male	Independent Non-executive Director	2 3 4	Bachelor's degree

Committee(s)

- 1 Strategic and Sustainable Development Committee
- 2 Audit Committee
- 3 Risk Management Committee
- 4 Remuneration and Nomination Committee
- 5 Executive Committee

Senior Management Composition

Name	Gender	Title	Education Background
ZHAO Yonggang	Male	President	Master's degree
TONG Yumei	Female	Vice President	Bachelor's degree
YU Jianyu	Male	Vice President	Bachelor's degree
LV Keqi	Male	Vice President	Bachelor's degree
HU Xiang	Male	Chief Accountant	Master's degree
YANG Qian	Female	Vice President	Master's degree
GUO Feng	Male	Vice President	Master's degree
GU Weidong	Male	Vice President	Bachelor's degree

Company Secretary

Name	Gender	Title	Education Background
CHEUNG Siu Lan	Female	Company Secretary	Master's degree

Board Operations

Indicator	Unit	2024	2025
Number of Board Meetings held	time	8	9
Average Board Meeting attendance	/	95%	91%
Proposals considered by the Board	proposal	40	51
Dissenting votes by independent Directors	time	0	0
Abstaining from voting by independent Directors	time	0	0
Percentage of independent Directors	/	33.33%	33.33%
Meeting(s) of independent non-executive Directors	time	2	2
Audit Committee meetings	time	2	2
Remuneration and Nomination Committee meetings	time	2	3
Risk Management Committee meetings	time	2	2
Strategic and Sustainable Development Committee meetings	time	3	2
Executive Committee meetings	time	28	27



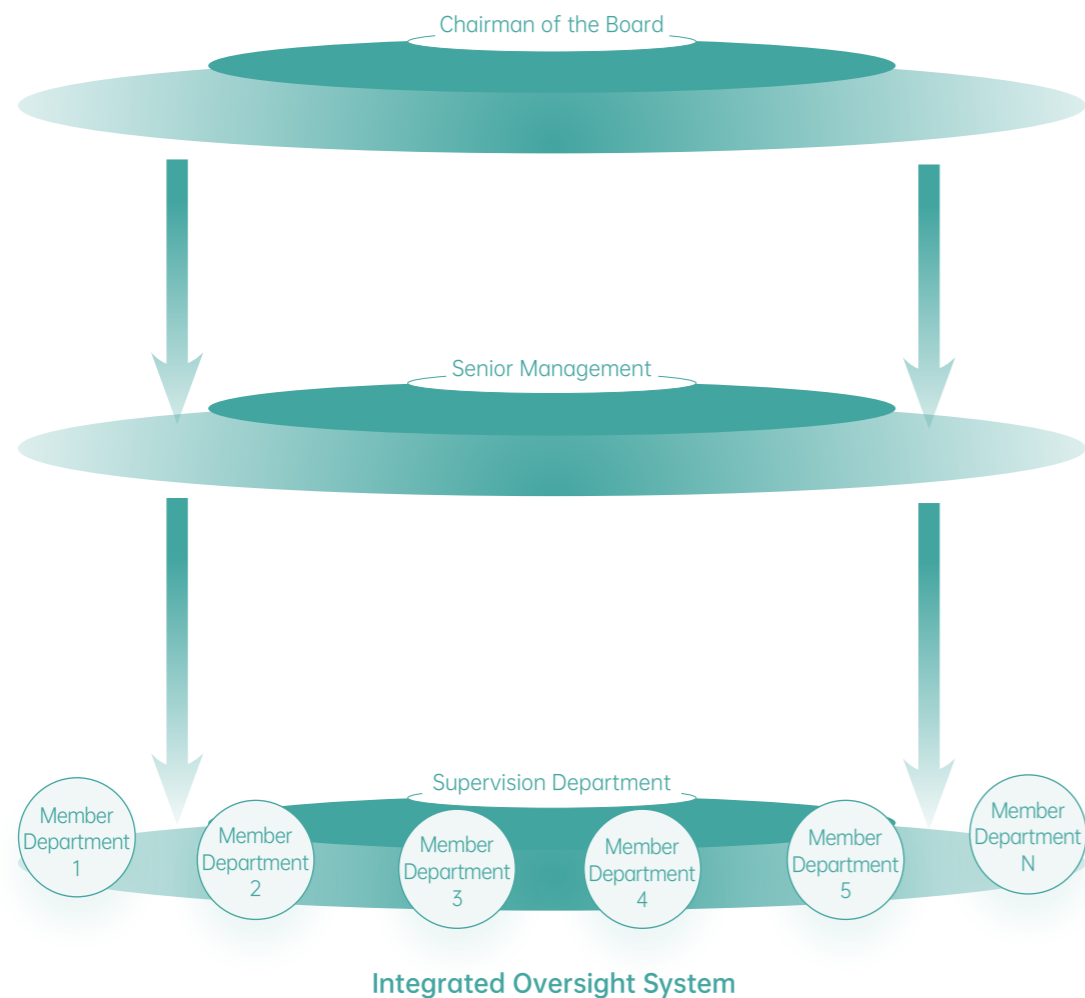
Compliance in Operations

China Power is committed to law-based enterprise governance and compliant operations, consistently refining its Integrated Oversight work system. By upholding high business ethics, the Company rigorously mitigates potential risks, reinforces internal controls, and enhances the effectiveness of its audit processes. This dedication to establishing a law-based corporate image, characterized by standardized governance and compliance, effectively lays a robust foundation for the enterprise's long-term and stable development.

Comprehensive Supervision

China Power is actively establishing and refining the "1+N" Integrated Oversight work system to enhance its operational framework. The Company has developed critical documents, including the *Integrated Oversight Work Guideline Manual*, the *Implementation Rules for Sharing Integrated Oversight Outcomes (Trial)*, and the *Integrated Oversight Joint Meeting Rules*. These initiatives effectively clarify responsibility boundaries and delineate the scope of supervision activities.

The Company has implemented a Integrated Oversight joint meeting mechanism designed to enhance the coordination and collaboration among internal supervision entities, resulting in improvements in both supervision quality and efficiency. These meetings are conducted biannually, facilitating regular communication and information exchange across departments. This structured approach establishes a framework characterized by unified command, comprehensive coverage, and individual accountability, thereby maximizing the effectiveness of supervision.



Business Ethics

China Power is committed to upholding business ethics and adhering to relevant codes of conduct. The Board of Directors and its Audit Committee hold the responsibility of overseeing issues related to business ethics and corruption. In 2025, the Company issued the *Business Ethics Management Policy*, actively promoting the development of ethical business practices. By establishing honest and compliant business ethics as the standard, the Company is steadily enhancing its corporate conduct. (For further details, please refer to the *Corporate Code of Conduct* section under ESG Issue Management on the Company's website.)

The Company rigorously integrates the highest ethical standards into its operational framework by implementing the *Employee Code of Conduct*. All employees are mandated to adhere to business ethics requirements through annual training and communication initiatives. Those who violate these standards face penalties. Employees are obligated to comply with all relevant laws and regulations, maintain strict confidentiality of information, eliminate actions that undermine trust and fair competition, and refrain from participating in illicit activities such as money laundering and insider trading, thereby avoiding any potential conflicts of interest.

The Company adheres rigorously to the *Company Law of the People's Republic of China* and all relevant business ethics regulations in its operational territories and firmly prohibits all forms of corruption and commercial bribery, maintaining a strict zero-tolerance policy toward embezzlement. Additionally, the Company provides business ethics training for all employees, including part-time and contract workers, as well as contractors. This training clearly outlines the Company's ethical requirements and underscores its commitment to the principles of business ethics compliance.

Business Ethics Training Performance

Indicator	Unit	2024	2025
Total number of business ethics training	time	6,730	5,860
Total hours of business ethics training	hour	6,494	6,906
Total participants in business ethics training	person-time	76,321	80,876
Total number of business ethics training for contractors	time	5,924	4,742
Total hours of business ethics training for contractors	hour	2,966	2,379
Total participants in business ethics training for contractors	person-time	29,828	23,961
Number of contractors covered by business ethics training	contractor	4,284	4,529

The Company mandates systematic audits of business ethical standards for all its subsidiaries every three years. The audit scope encompasses the Company and all subsidiaries. In 2025, the Company conducted comprehensive audits and special inspections of business ethics standards and management systems across both the headquarters and all industry-related entities. The audit and inspection addressed critical areas, including business ethics codes and policies, the implementation of anti-corruption policies, procurement supervision, compliance management, financial asset management, conflict of interest management, integrity in business conduct, tax management, and third-party ethics management. Notably, the audits revealed no violations of business ethics or breaches of the *Employee Code of Conduct*, such as discrimination, harassment, conflicts of interest, money laundering, or insider trading. Consequently, there were no internal disciplinary actions required. For the internal risk points identified through these audits, the Company has developed targeted improvement measures, assigned responsible individuals, established deadlines for rectification, and achieved a comprehensive closed-loop management process for addressing these issues.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Business ethics supervision	-	Establish business ethics supervision and management mechanism and determine business ethics audit content.	We have established business ethics supervision management mechanism and determined business ethics audit/inspect scope.	Achieved

Anti-corruption Management

The Company is committed to continuously optimizing its integrity supervision system, developing robust regulations across critical areas such as anti-corruption, management supervision, and integrity education. This comprehensive framework establishes a strong ideological defense against misconduct and ensures adherence to ethical boundaries. To enhance governance effectiveness, the Company has intensified its supervision and inspection efforts by integrating these practices into daily operations and business processes. In 2025, the Company refined its integrity risk prevention and control system, placing particular emphasis on leadership and guidance for smaller and more remote units. Targeted supervision, inspection, and corrective actions were undertaken to promote clean performance. The inspection parameters concentrated on evaluating the effectiveness of anti-corruption policies, their implementation, the cultivation of a compliance culture, and the development of risk prevention mechanisms, thereby ensuring the effective application of relevant policies and fostering compliant business conduct among employees.

Performance on Anti-corruption

Number of litigation cases regarding corrupt practices	
Unit	case
2024	0
2025	0

Supplier Integrity Management

China Power is committed to collaborating closely with suppliers to establish a transparent and responsible supply ecosystem. The Company is continually enhancing supplier integrity management systems and mechanisms. (For details, please refer to the [Responsible Supply Chain](#) section of this report.) In 2025, China Power prioritized focused supervision of key issues within the bidding and tendering processes, verifying problem indicators, clarifying uncertainties, and advancing the improvement of procurement management mechanisms.

Anti-corruption Education

China Power routinely integrates integrity education into every facet of its production, operations and supply chain management. The Company offers a diverse array of integrity awareness and training initiatives designed for all employees, including part-time and contract workers, as well as suppliers. This ensures that all participants gain a clear understanding of relevant legal and institutional provisions, enhance their ideological awareness, and strengthen their capacity to resist corruption. Consequently, China Power cultivates a robust culture of integrity and ethical conduct within its operational environment.

China Power Delivered Integrity Training for Employees and Contractors

In July 2025, the Company conducted an integrity training session themed "Upholding engineering baseline, respecting legal boundaries, and building integrity defenses" during the Mid-Year Coordination Meeting for Thermal Power Engineering Construction. The session underscored the critical need for fostering clean governance in engineering project construction. It emphasized essential aspects of integrity risk prevention and control supervision, delineating disciplinary, and legal boundaries clearly. The session engaged over 50 key employees and 12 contractors and introduced China Power's robust reporting channels, thereby promoting the cultivation of a transparent and ethical working environment.

China Power Held Anti-Corruption Thematic Warning and Education Meetings

In January 2025, China Power convened an anti-corruption work conference alongside an anti-corruption warning and education meeting. Subsequently, thematic anti-corruption warning and education sessions were conducted in May, July and November. These meetings communicated directives from higher-level anti-corruption conferences, evaluated the previous year's efforts, and outlined essential anti-corruption tasks for the current year. Participation included senior management, middle-level cadres and key personnel, totaling over 2,000 attendees.



China Power Held Anti-Corruption Thematic Warning and Education Meetings

Performance on Anti-corruption Training

Indicator	Unit	2024	2025
Total number of anti-corruption training conducted	time	565	811
Total number of anti-corruption training provided to Directors	time	6	13
Total number of anti-corruption training provided to employees	time	559	798
Total hours of anti-corruption training conducted	hour	2,817.5	3,167.5
Hours of anti-corruption training provided to Directors	hour	14.5	36.5
Hours of anti-corruption training provided to employees	hour	2,803	3,131
Total number of participants in anti-corruption training provided to employees	person-time	37,798	47,361
Number of participants as Directors in anti-corruption training	person-time	14	20
Number of participants as employees in anti-corruption training	person-time	37,784	47,341
Coverage rate of Directors in anti-corruption training	/	-	44.44%
Coverage rate of employees in anti-corruption training	/	-	76.47%

Whistle-blowing Mechanism

China Power encourages all stakeholders to provide feedback and blow the whistle on any violations of business ethics, as well as any illegal or non-compliant activities detrimental to the Company's interests. The Company has implemented internal reporting and complaint management policies, including the *China Power Measures for Handling Reports and Complaints* and the *China Power Measures for Investigating False Accusations and Clarifying Unfounded Reports*. The Company offers multiple reporting channels—such as telephone, mail, in-person visits, and its official website—to support employees, suppliers, customers, and other stakeholders in reporting situations objectively and truthfully.

The Company is unwavering in its commitment to safeguarding the legitimate rights and interests of whistleblowers, adhering to established reporting and complaint procedures. This framework not only affirms the whistleblowers' right to oversight but also addresses cases involving falsification and false accusations. The Company enforces strict confidentiality measures, ensuring that the identities of whistleblowers—including names (organization name), work units, addresses, and other pertinent information—are kept secure, alongside the contents of their reports. Unauthorized disclosure of reporting materials to the implicated individuals or organizations is expressly prohibited. Furthermore, the Company takes a firm stance against any form of retaliation and, when necessary, will escalate the matter to judicial authorities to ensure accountability and enforce legal repercussions in accordance with relevant laws.

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China Power's Whistle-blowing Channels

Risk Management

Risk prevention is fundamental to the stable development of any company, and establishing a enterprise-wide risk management (ERM) system is essential for effective risk mitigation. China Power has implemented robust risk management frameworks, including the *Risk Management Regulations* and the *Risk Assessment Implementation Rules*. The Company maintains a timely reporting mechanism for risk management, continuously refines its strategic approach, and integrates risk identification, prevention, and control into its business operations and decision-making processes. This commitment significantly enhances its overall risk prevention capabilities.

China Power is committed to continuously enhancing its risk management structure and system, refining the three lines of defense approach as detailed in the Company's *Annual Report 2025*. The Company monitors its risk mitigation efforts throughout the entire process of risk identification, assessment, response, monitoring, and early warning. Risks are classified as high, medium, or low based on the Company's established risk appetite. Furthermore, China Power articulates its risk appetite through operational norms, enforcing a zero tolerance policy for significant safety, environmental, compliance, and financial risks. For operational and market risks, the organization permits moderate fluctuations within a controllable range, effectively balancing risk and opportunity.

Three Lines of Defense at China Power

Line of Defense	Core Positioning	Responsible Entities	Main Responsibilities
First Line of Defense	Operational Risk Management	Various business units, and operational positions	Proactively identify, assess, and manage operational risks within their respective roles and processes; effectively assume the primary responsibility for risk prevention and control.
Second Line of Defense	Risk Management Monitoring and Support	Various supervisory units, including Legal and Risk Management, Finance, Human Resources, Technology and Digitalization, and Safety, Quality and Environmental Monitoring	Collaborate with front-line business departments to provide expertise and support; jointly responsible for the oversight, inspection, and evaluation on the implementation of risk management efforts.
Third Line of Defense	Independent Verification	The Internal Audit Department	Conduct independent audit, monitoring and evaluation of risk management results; provide objective and independent confirmation and recommendations.

China Power is committed to fostering a robust risk culture by prioritizing risk management education and facilitating training initiatives. In 2025, the Company implemented tailored accountability training, which included a specialized session titled *Accountability for Violations* for full-time Directors and Supervisors. By aligning training with the specific responsibilities of participants, we provided targeted recommendations for risk prevention and control, effectively embodying the principle of addressing issues before they arise.

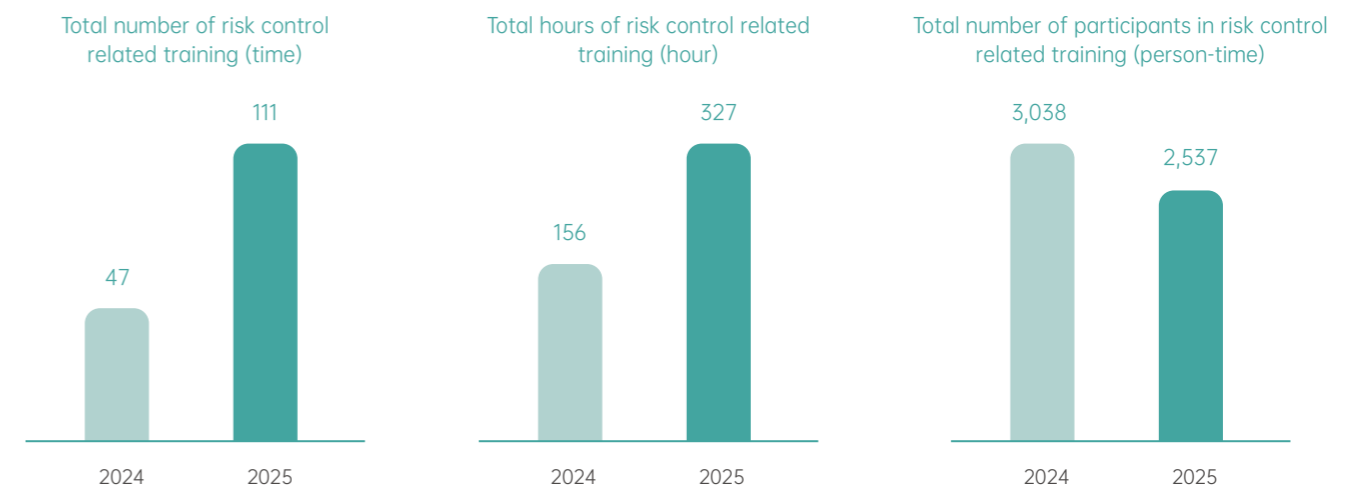
China Power Facilitated the 2025 Training Course for Key Personnel in Legal Affairs, Risk Control and Compliance

In October 2025, China Power facilitated the participation of its risk control personnel in the 2025 Training Course for Key Personnel in Legal Affairs, Risk Control and Compliance. The curriculum addressed critical topics such as the *Risk Control Management Practices and Key Points*, along with discussions of various illustrative risk control cases. This training significantly enhanced the professional capabilities of the Company's key legal, risk management, and compliance staff, thereby further advancing the effectiveness of law-based corporate governance and risk management practices.



2025 Training Course for Key Personnel in Legal Affairs, Risk Control and Compliance

Performance on Risk Control Related Training

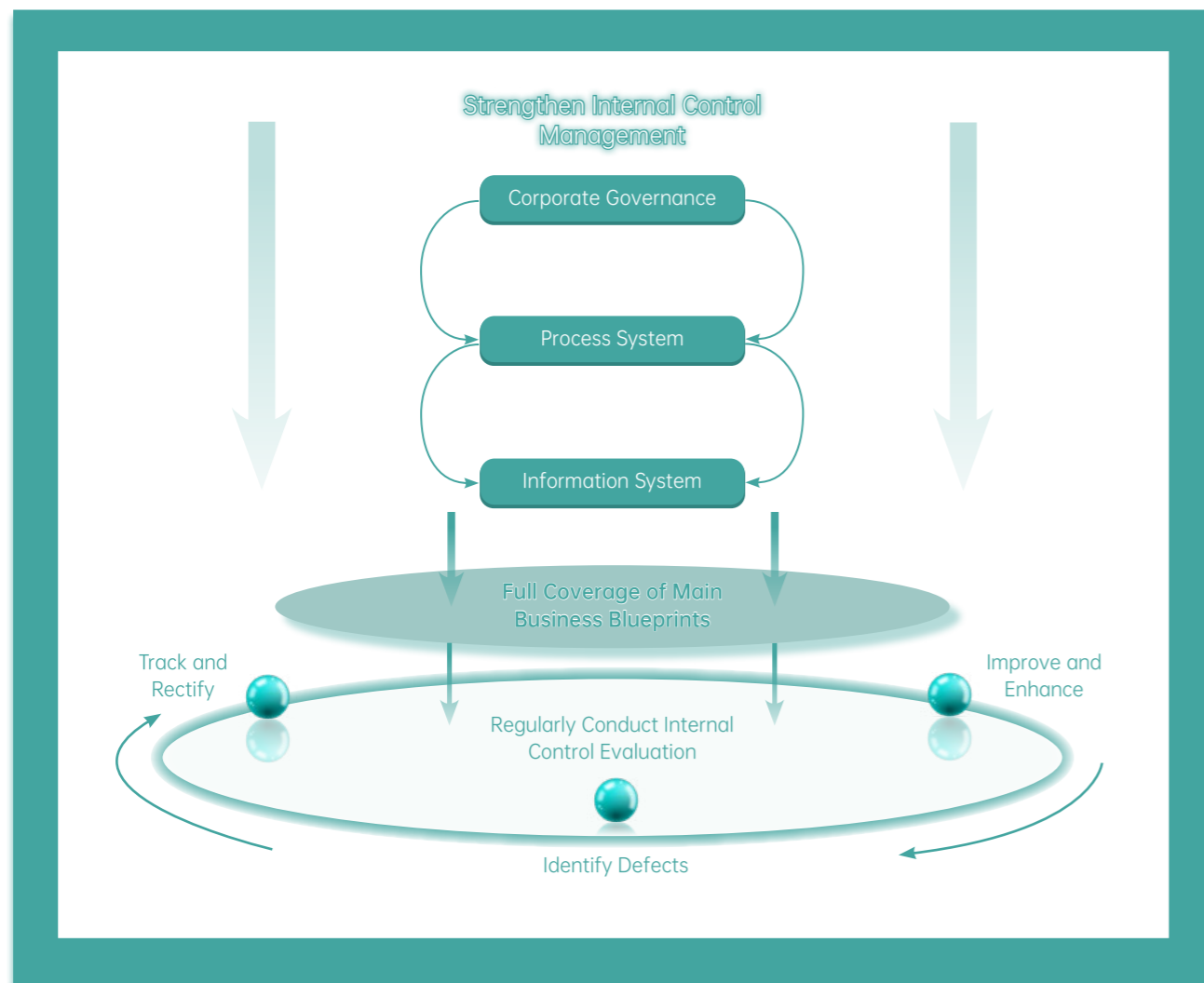


Internal Controls

China Power fully ensures the effectiveness of its business activities by continuously optimizing internal control management and decision-making mechanisms to guarantee the compliance and integrity of its internal controls. In 2025, the Company promoted the continuous optimization of the framework across the organization, upgrading the original two-tier structure to a three-tier system of strategy-anchored, standard-constructed, execution-penetrated. We establish a list + hierarchy dual-track decision-making mechanism to enhance the systematic nature of the framework and the basis of decision-making. At the same time, based on the core business blueprint, the Company formulated a plan for establishing, amending, and repealing systems, dynamically updated the system maps for the main functions of each departments, and established a list of guidelines for system development among subsidiaries.

China Power systematically enhances its internal controls by integrating measures such as segregation of duties, authorization and approval procedures, and information system controls across its business processes. The internal control framework is oriented toward risk management, emphasizing compliance supervision and monitoring. Through ongoing communication and robust supervision mechanisms, the Company establishes a closed-loop management system that effectively safeguards asset integrity, ensures the authenticity and reliability of financial reports, promotes compliant and efficient operations, and mitigates various risks.

The Company has implemented a normalized internal control evaluation mechanism that conducts thorough assessments through a combination of subsidiary self-inspections and specialized audits conducted by headquarters. This process culminates in an annual internal control evaluation report. For any identified management deficiencies, a remediation plan is developed, with specific departments assigned responsibility and deadlines established for completion. These measures are subject to rigorous follow-up supervision to ensure an effective closed-loop management process characterized by the continuous cycle of evaluation-remediation-improvement.



China Power promotes and engages employees in internal control training. In 2025, the Company successfully conducted training sessions centered on optimizing the system framework and internal control, and Policy and System Lectures. The curriculum addressed critical topics, including quality management, corporate name clearance supervision, procurement and supply chain management, investment control systems, and domestic equity participation management. These initiatives significantly enhanced employees' professional theoretical knowledge.

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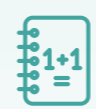
China Power Conducted Training on Policy Framework Optimization

In May 2025, China Power organized training focused on optimizing the policy framework. This comprehensive training elucidated key outputs such as the *Policy Framework*, the *Plan for Policy Creation, Amendment and Repeal*, the *Policy Map*, and the *Core Business Blueprint*. It detailed the entire process from top-level design to practical implementation. Special emphasis was placed on the critical changes and key implementation points of the newly revised the *Regulations on Rules and Policies Management*. This initiative established a unified standard for the subsequent revision, repeal, and implementation of policies, thereby significantly enhancing the effectiveness of the Company's internal control efforts.



China Power Conducted Training on System Framework Optimization


Performance on Internal Control Training⁶



Number of internal control related training

283


times



Hours of internal control related training

490

hours



Number of participants in internal control related training

7,690

person-time

Legal Compliance

China Power firmly upholds the principle that business management must incorporate compliance management, thereby establishing a comprehensive, efficient and collaborative organizational structure for compliance management. This structure integrates the Board of Directors, the Audit Committee, the Executive Committee, the management, business units, the compliance management department, and all employees, ensuring robust legal and compliance support for the Company's long-term and stable development. In 2025, the Company advanced its legal compliance framework by issuing the *Regulations on the Management of Legal Framework* and the *Implementation Rules for the Registration and Use Management of Corporate Names*. Additionally, efforts in system process construction have concentrated on enhancing the compliance management responsibilities of departmental compliance officers and department heads through the contract system, thereby gradually strengthening the compliance awareness and capabilities of the first line of defense.

We continuously refine the legal compliance review process for decision-making meetings and the transmission of legal compliance opinions. To this end, we have established the *Compliance Management Regulations*, which delineate specific procedures for compliance reviews. In 2025, the Company achieved comprehensive legal review coverage for significant decisions made during corporate decision-making meetings, including Board Meetings, Executive Committee meetings, and President's Office meetings, as well as thematic decision-making meetings such as supply chain management and investment coordination meetings. We mandated that legal and compliance reviews, along with major risk assessments, serve as a prerequisite for all substantial decision-making matters. This approach is firmly rooted in the principle of ensuring legality before making decisions to mitigate legal risks. Furthermore, the Company monitors the closed-loop status of legal and compliance risks linked to the three audits: decision-making topics, economic contracts, and rules and regulations, thereby effectively addressing the final stages of legal and compliance risk management.

⁶ In 2025, to further clarify the classification criteria and statistical scope for internal control-related training and audit-related training, the statistical caliber was changed in this Report.

We are committed to managing legal and compliance guidance across critical areas. In 2025, we monitored trends in administrative law enforcement within the electricity marketing sector, as well as legislation and enforcement trends in electricity marketing, including Document No. 136 and implementing regulations across various provinces and cities. To enhance compliance, the Company issued the *Compliance Reminder Letter on Regulating Electricity Marketing Behavior*, the *Negative List for Compliance Management in Electricity Marketing*, and the *Compliance Guidelines for Electricity Marketing Activities*. These documents provide comprehensive legal and compliance guidance throughout the entire project development, decision-making, construction, and operational processes.

We place significant emphasis on cultivating legal awareness among our employees and promotes the establishment of a robust compliance culture. In 2025, the Company implemented targeted initiatives, including Constitution Awareness Week. The organization conducted specialized training sessions for key personnel, including full-time Directors and Supervisors, newly promoted leaders, new hires, and professionals within specific sectors. The curriculum encompassed essential legal frameworks, such as the Constitution and the Civil Code, alongside sector-specific regulations like the Company Law. Additionally, we addressed critical topics related to construction project management for new energy initiatives, electricity marketing, contract management, evidence handling in dispute resolution, and payment processes for small and medium-sized enterprises. These efforts systematically strengthened the compliance culture and enhanced the practical skills of all employees.

China Power Held Special Training on Interpreting the New Energy Law

In November 2025, China Power conducted a thematic training focused on the interpretation of the new Energy Law. This training encompassing a systematic overview of the legislative context, essential interpretations, and the implications of the law for energy enterprises, incorporated contemporary issues, such as the mandated consumption responsibility weight for renewable power, public interest litigation concerning wind and solar power curtailment, electricity market operation guidelines, and the illicit activities of power generation enterprises. These elements equipped participants to accurately delineate legal parameters and key compliance points. Consequently, the training significantly enhanced participants' capabilities to identify and mitigate risks within the electricity marketing sector. By employing case studies as a reflective tool, the session promoted the establishment of a sustainable mechanism that integrates robust business operations with strict compliance, thereby fortifying the legal frameworks essential for sustained high-quality development.



Thematic Training on Interpreting the New Energy Law

Performance on Legal and Compliance Training

Indicator	Unit	2024	2025
Number of legal and compliance training	time	194	196
Hours of legal and compliance training	hour	554.5	1,032.5
Number of participants in legal and compliance training	person-time	5,657	7,017

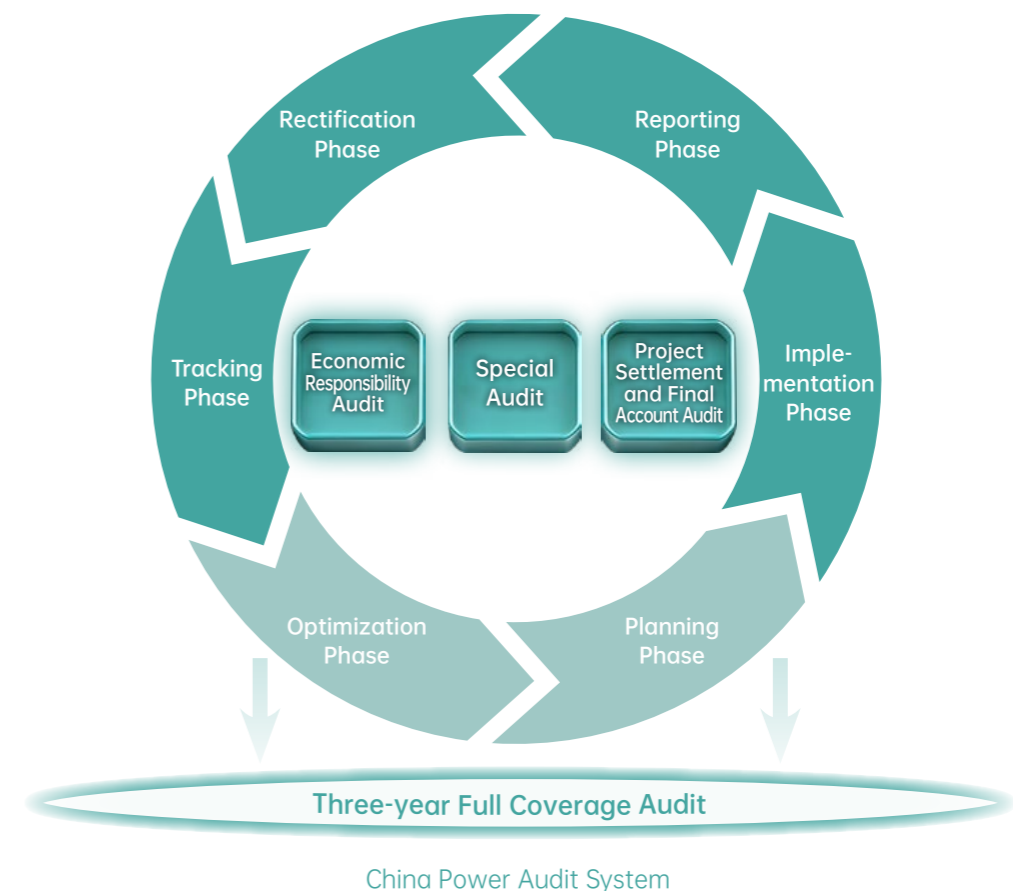
China Power is committed to adhering to the tax laws and regulations in all regions where it operates. The Company has established a robust tax framework that standardizes procedures, ensures accurate calculations, and facilitates timely declarations and payments of various taxes and fees. By maintaining tax compliance, China Power upholds the highest standards of fiscal responsibility. Concurrently, the organization engages in tax planning, evidenced by the creation of the *Manual for R&D Expense Super-Deduction Operation and Management* and the *Tax Planning Manual for New Energy Enterprises*. These resources are instrumental in building standardized tax management processes and leveraging policy benefits to optimize corporate interests while maintaining compliance. In 2025, the Group reported no tax disputes.

Tax Performance

Indicator	Unit	2024	2025
Total monetary value of taxes paid	RMB'000	5,022,082.3	6,405,469.8

Audit Management

China Power has implemented a comprehensive audit system that encompasses all business operations. This audit process adheres to a rigorous closed-loop management framework involving planning, implementation, reporting, rectification, tracking and optimization. As a result, the standardization and efficacy of audit projects are ensured from initiation through to the implementation of rectifications. This system achieves complete audit coverage of subsidiaries within a three-year cycle, consistently enhancing the value of audit supervision and service.



In 2025, the Company transformed its approach to routine audits by innovating its audit model to implement a special audit focused on new energy efficiency improvements during the economic responsibility audit. This combination, termed multiple results from one audit, enhanced project quality and efficiency. Furthermore, in its special audits, the Company concentrated on the operational risks associated with strategic emerging industries. It conducted audits that accurately identified development bottlenecks and undertook its inaugural special audit concerning scientific research and digital projects. This initiative encompassed the entire process from project initiation to achievement transformation, thereby facilitating standardized and refined management of research investments. With respect to project completion and final account audits, the Company systematically resolved audit disputes, gradually establishing unified audit principles and standards. This initiative fostered an overall enhancement in project audit quality. Additionally, the Company has solidified the closed-loop management of audit rectification, ensuring robust control and guidance at every stage of the audit process. This comprehensive approach enhances the overall efficiency and capability of audit work across multiple dimensions.

The Company enhanced its audit practices by implementing specialized internal audit training. This training concentrated on crucial skills and compliance practices, encompassing risk-oriented auditing, the application of data audit tools, optimization of the internal control system, and the interpretation of the latest regulatory policies. The content was aligned with practical operations and real-world case studies, thereby enhancing auditors' professional competencies in risk assessment, procedural execution, and report writing.

Performance on Audit Related Training

Indicator	Unit	2025
Number of audit related training	time	106
Hours of audit related training	hour	8,462
Number of participants in audit related training	person-time	1,726
Number of issues identified in internal audit	issue	3,534
Completion rate of due rectification	/	87.09%

Digital-driven Transformation

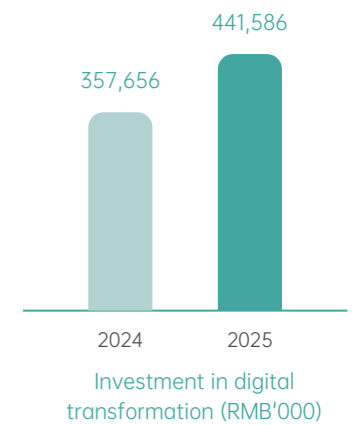
China Power leverages digital development to drive business innovation and management upgrading, continuously optimizing and improving its cybersecurity management system. By solidifying the security foundation through multi-dimensional efforts in systems, technology, and talent, it provides a solid basis and strong assurance for the Company's digital transformation, upgrading, and high-quality development, persistently promoting corporate sustainable development.

Digital Transformation

China Power has consistently enhanced its top-level digital design by developing and implementing comprehensive policies, including the *Digital Project Management Measures*, the *Informatization Management Regulations*, and the *Informatization Performance Assessment Methods*. These initiatives have been pivotal in advancing the construction of the Company's digital management framework. In 2025, the Company undertook a thorough review and optimization of its management processes to ensure compliance with established procedures, actively collaborated on the implementation, promotion, and application of SPIC-constructed initiatives, such as the digital archive system and the expansion of financial sharing functions. The Company also organized the deployment of both the Company and its subsidiaries' digital projects, which encompassed cybersecurity and autonomous controllable initiatives, culminating in an impressive annual completion rate of 95%.

China Power effectively executes its high-level authority's strategic decisions and directives concerning digital projects, thereby advancing both project consulting and system implementation. The organization integrates digitalization into management, business and project construction processes, enhancing digital and intelligent capabilities across critical areas such as industrial equipment management, business system optimization, risk and compliance management, and ESG information management. This strategic approach empowers business development through innovative digital solutions.

Performance on Digitalization Construction



Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Core businesses ⁷ digitalization and intelligentization	90%	98%	100%	Achieved

⁷ Core businesses include finance, materials, projects, equipment, manufacturing, sales and human resources.



Cybersecurity and Information Security

Cybersecurity and Information Security Management System

China Power actively implements cybersecurity and information security measures by adhering to the principle of territorial management and establishing a tiered responsibility system. It has formed a Cybersecurity and Informatization Leading Group that oversees leadership and decision-making functions related to cybersecurity and informatization initiatives. An office under this group is responsible for executing decisions, coordinating efforts, and organizing cybersecurity and information security assurance across departments and entities. The principal heads of management in each subsidiary serve as the primary responsible individuals for their entity's cybersecurity and information security, while designated members of management directly oversee cybersecurity and information security operations. Additionally, the Company complies with pertinent regulations, such as the *Cybersecurity Law of the People's Republic of China* and the *Data Security Law of the People's Republic of China*, continuously revises and enhances institutional documents, including the *Cybersecurity Management Regulations* and the *Cybersecurity Emergency Plan*. These efforts further strengthen and standardize compliance management, bolstering a robust security perimeter.

The Company has disseminated knowledge of cybersecurity and information security to all employees through company-wide awareness campaigns, significantly enhancing their vigilance against various phishing attacks. Uniform anti-virus software has been installed on all office computer terminals, and network traffic probes are employed for traffic capture and intelligent analysis, identifying cybersecurity and information security risks at an individual level. Furthermore, China Power mandates that all subsidiaries conduct regular emergency drills, ensuring rapid responses to sudden network and information security incidents. This approach creates a closed loop for addressing information security threats through heightened employee awareness, vigilant threat monitoring and effective emergency response.

Cybersecurity and Information Security Management Certification

The Company is committed to advancing its information security through the implementation of classified protection certification. By leveraging established external standards, it enhances its information security management practices. In 2025, the Company completed Classified Protection Assessment⁸ for a total of 119 systems.

Cybersecurity and Information Security Management Initiatives

The Company diligently monitors the evolving cybersecurity and information security landscape and enhances its cybersecurity and information security architecture. To reinforce its response capabilities, it has established the Emergency Plan for Cybersecurity and Information Security Incidents, which delineates the activation criteria for the emergency protocol and standardizes incident management procedures. In the event of a security breach, members of the emergency office and the response team are mandated to maintain 24-hour communication. They will adhere to prescribed procedures for emergency activation, initial response, tiered warning, and information disclosure, ensuring a prompt and effective resolution to the situation.

The Company conducts normalized cybersecurity inspections and implements the *Cybersecurity Cross-Inspection Plan* to systematically and thoroughly assess the network and information security status of both the Company and its subsidiaries. These inspections enable prompt responses to information security threats. To further support the inspected units, the Company provides targeted briefings and training sessions, facilitating necessary rectification and improvement efforts. Through a comprehensive closed-loop process encompassing inspection and rectification, the Company accurately identifies cybersecurity and information security risks, significantly enhancing its cybersecurity and information security capabilities. In 2025, the Company actively participated in the "Great Wall Action 2025" exercise. Despite the heightened intensity of this year's drill, the Company's headquarters and key target units achieved a record of zero successful attacks, reflecting a substantial enhancement in their offensive and defensive capabilities.

Cybersecurity and Information Security Training and Talent Development

China Power has advanced its efforts to cultivate a skilled talent pool in cybersecurity. Through a range of initiatives, including specialized training programs and participation in offensive and defensive skills competitions, the Company has developed a pipeline of professionals equipped with both knowledge and expertise. These efforts have solidified the foundation of cybersecurity and information security talent within the Company. Furthermore, by implementing annual company-wide training on network and information security, China Power ensures that all employees are well-informed and capable of fulfilling their responsibilities in data protection, password management and incident reporting.

⁸ The Classified Protection Assessment represents a critical evaluation conducted by qualified agencies to assess the classified security protection status of an information system. This assessment adheres to the provisions and standards outlined in the *Information Security Classified Protection Management Measures*. Its significance lies in its role in enhancing the information security capabilities of an enterprise's information systems, ultimately strengthening overall security posture.

China Power Participated in SPIC's "Contributing to Excellence" Employee Skills Competition—Cybersecurity Offensive and Defensive Skills Contest

In November 2025, China Power actively participated in the "Contributing to Excellence" Employee Skills Competition—specifically the Cybersecurity Offensive and Defensive Skills Contest—organized by SPIC. The Company placed significant emphasis on this competition, executing meticulous arrangements for contestant selection, team formation, and coach assignments. In addition, comprehensive strategic discussions were conducted based on competition rules and pragmatic combat scenarios. Leveraging robust theoretical knowledge alongside practical skills, China Power triumphed, securing first prizes in both the team and individual categories. This accomplishment not only further enhanced employees' cybersecurity skills but also bolstered the Company's cybersecurity protection capabilities, establishing a formidable barrier for high-quality development and cultivating a highly skilled digital and intelligent talent team.



China Power Participated in SPIC's "Contributing to Excellence" Employee Skills Competition—Cybersecurity Offensive and Defensive Skills Contest

Performance on Cybersecurity and Information Security

Indicator	Unit	2024	2025
Total number of cybersecurity and information security training	time	38	100
Total hours of cybersecurity and information security training	hour	1,066	2,608
Total number of participants in cybersecurity and information security training	person-time	1,649	3,272
Investment in cybersecurity and information security	RMB'000	-	71,659.6

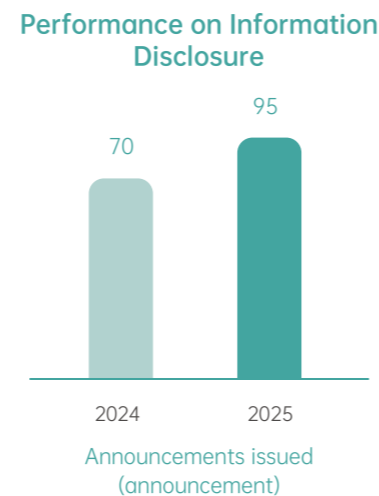
Deepening Value Creation

China Power actively fulfills its investor responsibilities. By ensuring the transparency and standardization of information disclosure, strictly managing related transactions, and actively safeguarding the legitimate rights and interests of shareholders and creditors, the Company promotes the long-term and stable relationships between the Company and investors, strengthening our good image in the capital market.

Information Disclosure

Information disclosure is the primary channel for investors to understand a listed Company's governance structure, financial status and operational management. China Power strictly complies with the Hong Kong Stock Exchange's *Listing Rules* and formulated *Statutory Information Disclosure Management Measures*, to clarify the scope, channels, and timing of information disclosure, and fulfill the statutory information disclosure obligations of a listed company, ensuring the compliance, timeliness, accuracy and completeness of all statutory information disclosures. We continuously improve internal disclosure mechanisms to ensure that all investors, especially small and medium shareholders, have the right to know and participate in decision-making. Moreover, we conduct disclosure training, and consistently enhance our information disclosure practices.

China Power prioritizes the confidentiality of insider information and rigorously adheres to relevant laws and regulations of insider information management. Additionally, the Company has established the *Insider Information Management Measures* to enhance the protection of insider data, thereby ensuring fairness, impartiality and transparency in its information disclosure practices.



Related-party Transactions

China Power is committed to strengthening its management of related-party transactions by strictly adhering to established decision-making procedures and disclosure obligations. In 2025, the Company refined its management approach to such transactions, reviewing its continuing related-party transactions for the fiscal year 2024 and the quarterly segments of 2025, issued timely warnings when amounts exceeded authorized limits, thereby ensuring robust compliance with regulatory requirements. This proactive approach significantly enhanced the Company's operational standards while safeguarding the legitimate rights and interests of both the Company and its shareholders. Additionally, in 2025, the Company engaged an external auditor to conduct an assurance review of its continuing related-party transactions in accordance with the *Hong Kong Standard on Assurance Engagements 3000 (Revised)* and other relevant standards, resulting in an unqualified opinion letter.

Investor Responsibilities

China Power places great emphasis on effective communication and relationship management with shareholders and investors. It continuously improves investor communication mechanisms, standardizes information exchange with its investors, and proactively manages investor relations. This is done to build a healthy, transparent, and fair bridge between the Company and its investors.

We continuously refine investor relations management by facilitating engagement with investment institutions and analysts through a variety of channels, including online briefings, offline roadshows, phone calls and video conferences. We adeptly address investor inquiries via email and actively solicits feedback regarding the Group's development strategy, production processes, and operational efficiency. This feedback is systematically communicated to the Board of Directors, the management and relevant departments, thereby enhancing the transparency of corporate operations and ensuring equitable access to information for all investors.

We have fostered robust communication with a diverse range of domestic and international investors, thereby safeguarding shareholders' rights and interests while enhancing its image and influence within the capital markets. China Power participated in strategy conferences organized by both domestic and international securities firms, conducted roadshows and reverse roadshows, and maintained close communication with investors. It has established a continuous dialogue mechanism that encompasses both earnings release and non-earnings release periods, achieving comprehensive coverage and normalized operations in capital market communications.

Key Performance In 2025



China Power conducted a total of

67 investor communications



facilitated over

679 interactions

with investors



China Power Held 2025 Interim Results Announcement

In August 2025, China Power held its 2025 Interim Results Announcement. The event attracted more than 70 investors and analysts, including representatives from institutions such as HSBC, Changjiang Securities, Huayuan Securities, and UBS Securities. Participants engaged vigorously, posing questions primarily centered on "two prices and one volume", installed capacity plans, and capital expenditure. China Power addressed these inquiries with diligence, offering constructive guidance that illuminated key aspects of its strategy, ultimately leading to a successful and impactful meeting.



China Power Held 2025 Interim Results Announcement

Shareholder Communication

Indicator	Unit	2024	2025
Number of General Meetings	time	1	3
Expected director attendance on General Meetings	person-time	7	27
Actual director attendance on General Meetings	person-time	7	23
Number of proposals considered at General Meetings	proposal	7	11

Rights of Creditors

While committed to maximizing shareholder value, China Power continuously enhances its institutional framework for asset and fund management, strengthens financial risk controls and ensures the safety of our assets and funds. Concurrently, the Company upholds the principles of responsible credit cooperation, utilizes funds in accordance with loan agreements, and consistently repays principal and interest in full and on time. The Company has never compromised its creditors' interests, no debt default situation, and no adverse credit situation in terms of credit. During the reporting period, the Company maintained a robust credit profile, achieving a bond credit rating of AAA. Meanwhile, the Company obtained the independent auditor's report issued by an external auditing firm on the Company's *Annual Report 2024* with an unqualified opinion.



Green Promise

Leading Low-carbon Transformation

Indicator	Unit	2024	2025
Greenhouse gas emissions (Scope 1 and Scope 2)	tCO ₂ e	50,302,013	44,420,360
Investment in response to climate-related risks and opportunities	RMB'000	39,408,819.3	44,256,889.1
Number of environmental protection training	time	954	1,870
Comprehensive utilization rate of power generation by-products	/	82.59%	97.28%

China Power is firmly aligned with the national strategy for ecological civilization and the essential transition to a green and low-carbon economy. The Company integrates sustainable development principles throughout its corporate governance and in all aspects of production and operations. It steadfastly directs its development model toward greener, low-carbon and more efficient practices. China Power employs a coordinated strategy for optimizing the energy mix, enhancing resource efficiency and harmonizing pollution control with ecological protection. By consistently advancing its capabilities in green development and environmental governance standards, the Company fortifies the foundation for high-quality development, supporting the national Dual Carbon goals and contributing to the construction of a Beautiful China.

Responding to the United Nations Sustainable Development Goals (SDGs)

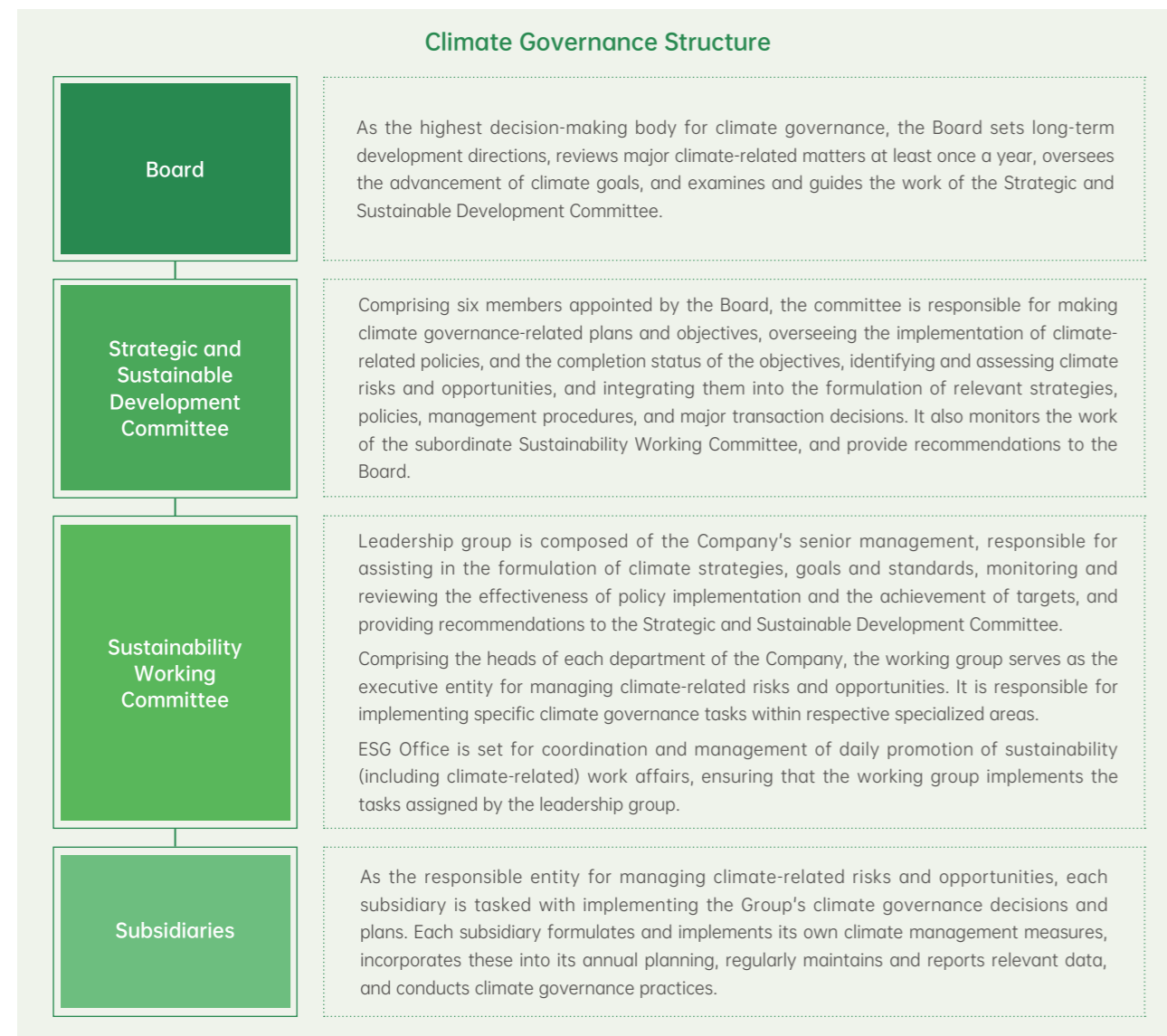


Addressing Climate Change

Climate change represents a critical global challenge. Regulatory authorities worldwide have systematically released guidelines addressing climate risks, incorporating the objectives of carbon peaking and carbon neutrality into the broader national framework for ecological civilization. China Power is dedicated to actively addressing climate change and fully complies with the climate information disclosure requirements of the Hong Kong Stock Exchange. The Company aligns its practices with the IFRS S1 and IFRS S2 Standards of the International Sustainability Standards Board (ISSB), as well as the framework of the Task Force on Climate-related Financial Disclosures (TCFD) to effectively identify climate-related risks and opportunities. We have perfected our governance framework, strengthened risk management processes, and optimized our response strategies. Additionally, we have set ambitious targets for reducing greenhouse gas emissions and continually evaluate their effectiveness. These comprehensive efforts significantly enhance our climate change management capabilities and contribute to the achievement of our corporate sustainability goals.

Climate Governance System

China Power attaches great importance to the governance of climate-related risks and opportunities, integrating climate risk management into the ESG system. It has established a climate governance organizational structure centered around the Board, the Strategic and Sustainable Development Committee, the Sustainability Working Committee, and subsidiaries. This structure clarifies responsibilities, solidifies accountability by level, and promotes the standardized and efficient implementation of climate governance efforts.



We have set a multi-layered climate monitoring mechanism in place to ensure the transparency and standardization of climate information disclosure. Annually, the Company conducts a comprehensive materiality assessment to identify important climate-related issues. The Strategic and Sustainable Development Committee and the Sustainability Working Committee hold at least two meetings annually to summarize progress, supervise the progress of target achievement and the control of ESG risks (including climate), and report to the Board, dynamically adjusting climate management strategies and making targeted adjustments to relevant strategies, businesses, and major transaction decisions to respond to uncertainties brought by climate change.

We are committed to enhancing the professional capabilities of personnel involved in managing climate-related risks and opportunities, ensuring that both the management and employees possess adequate skills and resources to execute climate governance policies. We regularly organize climate governance training, engage external experts for technical guidance, and strengthen internal awareness of climate governance.

We actively integrate key climate-related indicators into our internal management and performance assessment system. These indicators encompass clean energy development, greenhouse gas emissions, and additional relevant metrics. Under the leadership of the ESG Office and in coordination with pertinent headquarters departments and all subsidiaries, we regularly supervise and inspect the implementation of climate-related initiatives. Our focus is on system construction, plan execution, and performance of target. In cases of insufficient duty performance, we investigate accountability according to established regulations, while recognizing and rewarding units and individuals who demonstrate outstanding performance. This approach is designed to establish a closed-loop management system for climate governance within the organization.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Climate risk indicators linked to executive compensation	-	Define the scope of climate risk indicators relevant to executive Compensation	Indicators include the amount of clean energy developed, greenhouse gas emissions, among others	Achieved

Climate Risk Management

China Power strategically integrates climate-related risks and opportunities into the Company's enterprise-wide risk management (ERM) system. During annual comprehensive risk assessments and operational management decisions, the Company identifies and evaluates the impact of climate factors on its operations and development. In their risk analyses, departments take basic information such as policy environment, regional characteristics, industry attributes, and business objectives as input, and analyze the impact of climate change-related factors on the risk level of this basic information. This comprehensive approach ensures that climate risk management is systematically aligned with the Company's overall risk governance, continually enhancing both the systematic rigor and forward-looking perspective of its risk management efforts.

We implement comprehensive management of climate-related risks and opportunities across four key stages: Risk Collection and Identification, Risk Assessment and Recording, Risk Monitoring and Response, and Risk Reporting and Evaluation. The whole-process management of climate-related risks and opportunities is integrated into the Company's overall risk management. Departments systematically identify risk and opportunity factors associated with the Company's operations and climate change, using methodologies such as research, interviews, questionnaires, and expert judgments tailored to their specific contexts. They assess both the likelihood of occurrence and the potential impact of these risks and opportunities, and prioritize them within a unified risk assessment framework. This rigorous process enables the identification of climate-related risks and opportunities that necessitate focused management, thereby facilitating the development of appropriate prevention and control objectives, as well as response strategies. Through the above management process, the Company's Risk Management Committee and senior management incorporate climate-related risks and opportunities into the annual risk management and supervision scope, regularly review reports on the progress of corresponding risk mitigation, conduct effectiveness assessments, and promote the implementation of risk management requirements into specific business and management practices. For a detailed analysis of climate-related risks and opportunities, please refer to the *Identification of Climate Related Risks and Opportunities* section of this report.



Climate Risk Management Process

We employ regular risk assessments and dynamic update mechanisms to continuously monitor and optimize our climate-related risk management measures. These processes are responsive to changes in the policy environment and shifts in operational landscapes, as well as to ongoing monitoring outcomes. In its risk assessment framework, the Company actively explores climate scenario analysis and climate stress testing methodologies to assess the potential impacts of climate change. (For further details, please refer to the *Climate Resilience Analysis and Responses* section of this report.)

Strategies against Climate Change

In accordance with the relief provisions under paragraph 25 of the HKEX ESG Code, and taking into account the Group's current stage of sustainable development as well as its existing resources and capabilities, this report discloses climate-related information in a manner that reflects the Group's actual circumstances. Given that the quantification of financial effects lacks reasonable and supportable data and is based on numerous assumptions, making the estimated quantitative information of limited reference value, detailed quantitative information has not been disclosed. Such information would include, among other things, the amounts of affected financial statement line items, changes in financial performance and cash flows, and the amounts or percentages of affected assets or business activities. Instead, the Company has identified and analysed the specific line items in the financial statements that are subject to the relevant risks and the combined impact thereof. Looking ahead, as industry practices mature and the Company's professional capabilities continue to be strengthened, the Group will progressively enhance its climate-related disclosures.

Identification of Climate-related Risks

Risk Type	Risk Description	Timeframes	Impact(s) on Value Chain		Impact(s) on Business Model		Business Types with Relatively Concentrated Impact(s)
			Current Period (2025)	Expected (Short/Medium/Long-term)	Current Period (2025)	Expected (Short/Medium/Long-term)	
Physical Risk—Acute	Increased frequency and intensity of extreme weather events such as typhoons, heavy rain, and floods may cause damage to power generation facilities and supporting infrastructure, affecting the stability of electricity production and supply.	Short-term Medium-term	No significant impact experienced	<p>Upstream: Extreme weather may affect the stability of fuel transportation, equipment, and spare parts supply.</p> <p>Operations: Power stations may face risks of equipment damage, shutdowns for maintenance, and operational interruptions.</p> <p>Downstream: The stability of electricity supply in local areas may be temporarily affected.</p>	No significant impact experienced	<p>Capital Cost: Costs for asset restoration, operation and maintenance (O&M), and insurance may increase.</p> <p>Cash Flows: Fluctuations in power generation may have an impact on periodic revenue.</p>	New energy business (wind power, photovoltaic)
Physical Risk—Chronic	Long-term changes in climatic elements lead to changes in resource conditions such as wind speed, precipitation, and temperature, which may affect new energy power generation and the operational efficiency of thermal power.	Medium-term Long-term	No significant impact experienced	<p>Operations: Changes in wind speed and precipitation may affect the available hours of new energy projects; temperature changes may affect the operational efficiency of thermal power units.</p>	No significant impact experienced	<p>Cash Flows: New energy generation may decline; uncertainty in medium- and long-term power generation revenue.</p>	New energy business (wind power, photovoltaic)
Transitional Risk—Policies and Laws	The continuous advancement of the Dual Carbon goals, carbon market mechanisms, and electricity market reforms may result in increased compliance costs for thermal power assets and extended receivable cycles for new energy projects due to changes in support policies, thereby affecting the economic viability of power generation assets.	Short-term	No significant impact experienced	<p>Upstream: Changes in fuel and emission-related policies may affect supply arrangements.</p> <p>Operations: Stricter management of CEA quotas and compliance requirements, and involving new energy policies influence the subsidy acquisition.</p>	No significant impact experienced	<p>Cash Flows: CEA compliance costs may increase, some assets may face profitability pressure, and the collection of new energy subsidies may also encounter challenges.</p>	Thermal power business: Impacted by carbon policies New energy business (wind power, photovoltaic, hydropower): Impacted by new energy development policies
Transitional Risk—Market and Technology	The transformation of the energy structure and changes in climate-related markets may lead to changes in fuel prices, electricity market mechanisms, and technical requirements.	Short-term Medium-term	No significant impact experienced	<p>Upstream: Price fluctuations in energy and fuel markets may increase supply uncertainty.</p> <p>Downstream: Changes in electricity market mechanisms may affect electricity sales methods and pricing levels.</p>	No significant impact experienced	<p>Cash Flows: The risk of fluctuations in fuel and operation and maintenance (O&M) costs is increasing.</p> <p>Capital Cost: The economic viability of coal-fired and new energy power generation technologies is undergoing adjustment.</p>	Thermal power business: Affected by the fuel market and thermal power tariff mechanism New energy business (wind power, photovoltaic, hydropower): Affected by the new energy tariff mechanism
Transitional Risk—Reputation	Negative environmental incidents related to climate, as well as untimely and incomplete information disclosure, may adversely affect the company's image and market confidence.	Medium-term Long-term	No significant impact experienced	<p>Downstream: Increasing attention from the public, investors, and regulators on climate governance and information disclosure.</p>	No significant impact experienced	<p>Financing Channel: Insufficient disclosure may adversely affect the financing capabilities.</p>	-

Identification of Climate Related Risks and Opportunities

In alignment with the *Implementation Guidance for Climate Disclosures* under the HKEX ESG reporting framework, we are committed to continuously enhancing our analysis of climate-related risks and opportunities. Our assessments consider how these factors influence our value chain and business model. In alignment with China's national Dual Carbon goals, and informed by extensive research and expert consultation, the short-term (0-4 years), medium-term (5-9 years), and long-term (10+ years) time horizons are aligned with the phase setting of China Power's ESG strategic objectives. Accordingly, an inventory for identifying and assessing climate-related risks and opportunities is established.

Identification of Climate-related Opportunities

Opportunity Type	Opportunity Description	Timeframes	Impact(s) on Value Chain		Impact(s) on Business Model		Business Types with Relatively Concentrated Impact(s)
			Current Period (2025)	Expected (Short/Medium/Long-term)	Current Period (2025)	Expected (Short/Medium/Long-term)	
Opportunity—Policies and Laws	The advancement of the Dual Carbon strategy and the support for clean energy policies consistently fosters a favourable environment for clean energy development and the optimization of the electricity market.	Short-term Medium-term	No significant impact experienced	<p>Operations: Conditions for the development, grid connection, and consumption of new energy projects continue to improve.</p> <p>Downstream: Green electricity trading and market mechanisms are gradually being perfected.</p>	No significant impact experienced	<p>Cash Flows: The proportion of revenue from new energy and green power businesses is expected to increase.</p>	New energy business (wind power, photovoltaic, hydropower)
Opportunity—Market and Technology	Technological advancements in new energy, along with the development of energy storage systems and enhancements to the carbon market and China Certified Emission Reduction (CCER) mechanism, establish a robust foundation for improving project returns.	Short-term Medium-term	No significant impact experienced	<p>Operations: Technological advancements help enhance power generation efficiency and operational stability; carbon trading and green finance bring income generation opportunities.</p>	No significant impact experienced	<p>Capital Cost: The increasing competitiveness of new energy power generation technologies, together with the declining costs of emerging technologies such as energy storage and carbon capture, utilization, and storage (CCUS), has significantly improved project economics.</p> <p>Cash Flows: Carbon assets and related products generate additional revenue streams.</p>	New energy business (wind power, photovoltaic, hydropower)
Opportunity—Reputation	Actively addressing climate change and improving the quality of information disclosure help strengthen the Company's ESG image and market recognition.	Short-term Medium-term	No significant impact experienced	<p>Downstream: Recognition from investors and the public regarding the Company's climate actions increases.</p>	No significant impact experienced	<p>Financing Channel: This helps to expand financing channels and optimize financing terms.</p>	-



Climate Resilience Analysis and Responses

To effectively assess and strengthen its adaptability to climate change, China Power conducts scenario analysis and stress testing for key risks based on a comprehensive identification of climate-related risks and opportunities, quantitatively evaluating the potential impacts of transition and physical risks on the Company's operations and financial performance. In line with its green and low-carbon transition pathway, as well as relevant policy and industry trends, the Company defines and selects scenarios for transition and physical risks separately. Transition risk scenarios are aligned with China's policy context, while standard scenarios with broad global applicability are adopted for physical risk assessment.

For the quantitative analysis of transition risks, we conduct dynamic projections based on the financial statements of the parent company and its subsidiaries. Drawing on the warming scenarios of the Network for Greening the Financial System (NGFS),

domestic regulatory frameworks, and the characteristics of the power industry, we establish low, medium, and severe scenarios for regulation testing. These three scenarios represent, respectively, mild, moderate, and aggressive transition efforts by China in pursuit of its Dual Carbon goals.

The results indicate that the Group's principal future financial impacts from transition risks will stem from increased financial pressure on major emission-intensive entities due to reduced allowances and higher prices of carbon emission, as well as margin pressure caused by the combined effects of declining capacity tariff benefits for thermal power and lower feed-in tariffs for new energy. However, through measures such as internal CEA trading among affiliated power plants to offset deficits and the coordinated development of new energy and coal-fired power to optimize the energy mix, these transition risk pressures are expected to remain manageable over the long term, with limited implications for the Group's strategy and business model.

Results of Transition Risk Scenarios and Resilience Assessment (2025)

Climate Risk Type	Impact Mechanism	Primary Impact Scope	Affected Financial Indicators	Impact Level						
				Medium-term (analyzed up to 2030)			Long-term (analyzed up to 2035)			
				Low	Medium	Severe	Low	Medium	Severe	
Transition Risk	Policies and Laws	Carbon Price Increase & Allowance Reduction: As the Dual Carbon goals progress, CEA management is tightening and carbon prices are rising, thereby increasing the thermal power business's expenditure on CEA purchases.	Thermal Power	Other Operating Expenses	●	●	●	●	●	●
			Profit for the Year	●	●	●	●	●	●	
			Total Comprehensive Income for the Year	●	●	●	●	●	●	
		Difficulty in Recovering New Energy Subsidies: Support policies for new energy may be adjusted, resulting in longer accounts receivable cycles and lower actual recovery amounts.	New Energy (Wind Power, Photovoltaic, Hydropower)	Finance Costs	●	●	●	●	●	●
				Accounts Receivable	●	●	●	●	●	●
				Profit for the Year	●	●	●	●	●	●
	Market and Technology	Grid Parity for New Energy: Following marketization of new energy power trading, feed-in tariffs have declined, thereby reducing power generation revenue.	New Energy (Wind Power, Photovoltaic, Hydropower)	Revenue	●	●	●	●	●	●
				Profit for the Year	●	●	●	●	●	●
				Total Comprehensive Income for the Year	●	●	●	●	●	●
		Capacity Tariff Crowding Out Energy Tariff: Thermal power capacity subsidies and new energy market-oriented policies jointly reshape the power market structure, producing a combined effect of rising electricity prices and revenue shares for thermal power, while electricity prices and revenue shares for new energy decline.	Thermal Power, New Energy (Wind Power, Photovoltaic, Hydropower)	Revenue	●	●	●	●	●	●
				Profit for the Year	●	●	●	●	●	●
				Total Comprehensive Income for the Year	●	●	●	●	●	●
Integrated Impact		Profit for the Year	●	●	●	●	●	●		
		Total Comprehensive Income for the Year	●	●	●	●	●	●		

Note: 1. Key Assumptions: (1) No major adjustments to the Group's overall strategic direction in the future; the asset operation strategy will remain largely unchanged as revenue grows year by year. (2) For the thermal power business, the operational resilience of coal-fired power, which accounts for the largest share in scale, represents the operational resilience of the overall thermal power sector. (3) Annual utilization hours of coal-fired power assets and unit coal consumption for power supply remain unchanged. (4) The scale of carbon assets and carbon credits (CCER) remains unchanged.

2. High impact (●), medium impact (●) and low impact (●) refer to the magnitude of changes in relevant detailed items compared with the corresponding financial statement items in the base year, respectively.

For the quantitative assessment of physical risks, we identify acute risks—typhoons, rainstorms, and floods—and chronic risks, including changes in precipitation and wind speed, that have a material impact on the Group. We adopt the Representative Concentration Pathways (RCPs) issued by the Intergovernmental Panel on Climate Change (IPCC), specifically RCP 2.6, RCP 4.5, RCP 6.0 and RCP 8.5 to quantify the corresponding financial impacts. Acute risks are evaluated using the historical simulation method to estimate losses. Chronic risks are assessed through the spatiotemporal distribution of precipitation and wind speed, using a minimum spatial granularity of 0.5° (approximately 40–50 kilometers) and an hourly temporal granularity.

The results indicate that, under all scenarios, acute risks have a very limited impact because the Group has purchased property all risks to transfer losses arising from meteorological disasters. Although the impact of chronic risks shows a slight upward trend over time, the potential economic losses remain relatively minor in both the short and long term. Overall, physical risks are expected to have an extremely limited effect on the Group’s strategy and business model over the long run.

Results of Physical Risk Scenarios and Resilience Assessment (2025)

Climate Risk Type	Impact Mechanism	Primary Impact Scope	Affected Financial Indicators	Impact Level									
				Medium-term (analyzed up to 2030)				Long-term (analyzed up to 2060)					
				RCP2.6	RCP4.5	RCP6.0	RCP8.5	RCP2.6	RCP4.5	RCP6.0	RCP8.5		
Physical Risk	Acute	Occurrences of Meteorological Disasters: Extreme weather events such as typhoons, rainstorms, and floods, may damage new energy power generation assets in construction and operation.	New Energy (Wind Power and Photovoltaic)	Property, Plant and Equipment	●	●	●	●	●	●	●	●	●
	Chronic	Changes in Precipitation Patterns: Changes in regional precipitation patterns alter solar irradiance across different areas, thereby affecting photovoltaic power output and, consequently, main business revenue. (Showing a negative correlation: in areas where precipitation increases, sunlight resources decrease, and revenue decreases.)	New Energy (Photovoltaic)	Revenue	●	●	●	●	●	●	●	●	●
		Changes in Wind Resources: Changes in regional wind resources affect wind power output, which in turn influences main business revenue. (Showing a positive correlation: in areas where wind resources increase, revenue increases)	New Energy (Wind Power)	Revenue	●	●	●	●	●	●	●	●	●
	Integrated Impact			Property, Plant and Equipment	●	●	●	●	●	●	●	●	●
				Revenue	●	●	●	●	●	●	●	●	●

Note: 1. Key Assumptions: (1) Within the scope of minimum temporal granularity and minimum spatial granularity, the performance of relevant assets and the impacts they are subject to remain consistent; (2) For each business type, the relationship between power generation and revenue of power generation assets remains unchanged, and power generation efficiency is consistent across different regions.

2. High impact (●), medium impact (●) and low impact (●) refer to the magnitude of changes in relevant line items compared with the corresponding financial statement amounts in the base year, respectively.



Strategies and Measures for Addressing Climate-related Risks and Opportunities

Implementation Progress of Strategies and Measures in the Reporting Year

Strengthen Physical Risk Resilience: We enhance the R&D resources into establishing a dynamic assessment, monitoring, and early warning system for extreme weather events, enhance disaster resistance standards throughout the project's design and operational lifecycle, and actively explore risk transfer mechanisms to broaden the coverage of weather disaster insurance resource allocation and comprehensively enhance systemic resilience.

We have strengthened the foundation for energy security and established a reliable supply chain. Our efforts include enhancing the construction and operational safety monitoring of next-generation coal-fired power units to meet high standards. We have researched, developed, and implemented anti-icing and digital monitoring systems to optimize equipment adaptability in extreme environments, as well as to enhance full-cycle fault warning capabilities. Furthermore, we have improved emergency response mechanisms for severe weather conditions, effectively withstanding the impacts of natural disasters such as strong winds and flash floods. These initiatives ensure the safe and stable operation of our facilities. For further details, please refer to the *Reliable Energy Supply* section of this report.

Optimize Clean Energy Asset Development: We closely align our strategies with national and local energy policy directives, enhance sensitivity analyses for new energy resources, and optimize site selection processes. We continue to enhance our ability to secure high-quality projects and allocate greater financial resources to premium clean energy assets.

We coordinated efforts to advance the high-quality development of clean energy, proactively planning for the large-scale establishment of new energy bases. We strategically focused on cultivating advantageous sectors such as offshore wind power while continuously optimizing our asset structure. For further details, please refer to the *Industry-based Metrics—Clean Energy Development* section of this report.

Enhance Quality and Efficiency of Carbon Asset Management: We establish an effective early warning mechanism for carbon emission compliance, enabling dynamic assessments of carbon price fluctuations and allowance gaps. Our commitment to increasing investment in CCER project development is unwavering. Additionally, we integrate cutting-edge technological advances and continuously increase R&D investment in emerging technologies to enhance the overall returns of new energy projects through strategic coordination and structural optimization.

We enhanced the statistical monitoring and accounting system for carbon emissions, established specialized management positions which are integrated into performance assessments, and conducted comprehensive tracking of cutting-edge technologies such as CCUS along with bio-energy with carbon capture, effectively mitigating the risks associated with policy compliance and market volatility. For further details, please consult the *Greenhouse Gas Emissions* and *Industry-based Metrics—Market-oriented Trading* sections of this report.

Promote Digital & Intelligent Operations for Cost Reduction and Efficiency Enhancement: We enhance fuel procurement and production management systems, strengthen market analysis, and implement technological upgrades. By leveraging digital and intelligent operation and maintenance methods, we enhance investment in R&D resources for energy conservation, carbon reduction, quality improvement, and efficiency enhancement in production and operations, and consistently improve overall operational efficiency and market competitiveness.

We implemented energy-saving and carbon-reduction retrofits for existing coal-fired power units, while promoting the adoption of intelligent operation and cloud-based collaborative optimization technologies. Through a thorough exploration of multi-energy coupling, we achieved cascade utilization of energy, significantly enhancing operational efficiency of the units. For further details, please refer to the chapters titled *Technological Innovation for Advancing Core Business* and *Industry-based Metrics—Clean Transformation of Coal Power* in this report.

Improve Climate Governance and Disclosure System: We refine the climate-related information disclosure framework, strengthen communication and collaboration with stakeholders, regularly overview and present the outcomes of our climate actions, and steadily enhance corporate transparency and public credibility.

We enhanced the analysis of pertinent domestic and international climate policies and standards, monitored regulatory shifts in real-time, and developed strategic response plans. Furthermore, we consistently improved the quality and transparency of climate-related information disclosure.

Metrics and Objectives

Climate-related Objectives

China Power has set climate-related quantitative targets addressing greenhouse gas emissions and enhancing energy efficiency, in alignment with its strategic climate change management. The relevant targets are formulated with reference to the greenhouse gas temperature-control goals established under the *Paris Agreement* and China's nationally determined contributions (NDCs) under the Dual Carbon strategy. They are aligned with the *China Power ESG Strategy Model, Pathways and Targets*, and are reviewed by the Strategy and Sustainable Development Committee and the Board of Directors, with regular progress monitoring. These targets apply to all business segments of the Group, using 2022 as the baseline for progress assessment and covering the period from the baseline year to 2035. Based on the overall achievement status of the various targets, all phased 2025 targets have been achieved, including significant growth in the trading volume of green electricity and GECs. Overall performance demonstrates a steady improvement trend, with progress consistent with the expected pathway.

Overview of Climate-related Target Setting at China Power

Purpose	Indicator for Setting and Monitoring Targets	Type	Interim Targets		Long-term (2035)	Target Progress
			Short-term (2025)	Medium-term (2030)		
Promote reduction of total carbon emissions and emission intensity	Greenhouse gas emissions (Scope 1 and Scope 2) ⁹	Quantitative target (absolute target)	20% decrease from base year	30% decrease from base year	40% decrease from base year	28.24% decrease from base year
	Coal consumption rate for thermal power supply	Quantitative target (intensity target)	292 g/kWh	Continuous decrease	Continuous decrease	286.82 g/kWh
Enhance carbon emission management capability	Climate risk indicators linked to executive compensation	Qualitative target	Determine the scope of climate risk indicators related to executive compensation	50% of the scope linked	100% of the scope linked	Indicators include clean energy development volume, greenhouse gas emissions, etc.
Develop green finance and deepen industry-finance integration	CCER development volume	Quantitative target (absolute target)	Cumulative CCER development of no less than 1 million tonnes	Cumulative CCER development of no less than 3 million tonnes	Cumulative CCER development of no less than 5 million tonnes	Cumulative CCER development reached 1.2433 million tonnes
Promote participation in climate change related activities	Green electricity trading volume / GEC trading volume	Quantitative target (absolute target)	20% increase from base year	25% increase from base year	30% increase from base year	Increase of 262.30% and 19,521.55% respectively from base year

⁹ This target is a gross greenhouse gas emissions target. It is primarily achieved through sectoral decarbonization approaches such as energy-saving and emissions-reduction retrofits of existing thermal power assets, as well as optimization of the business asset structure. Carbon credits are not used.

Greenhouse Gas Emissions

China Power is committed to enhancing its carbon emission management system and systematically advancing its climate change response efforts. Building on the established *Carbon Peak Action Plan* and *Carbon Emission Management Measures*, the Company performs self-assessment on carbon peaking progress on a yearly basis, and provides robust institutional support and strategic guidance for the steady and orderly achievement of its carbon peak goals. By continuously optimizing the clean energy power generation structure, implementing energy-saving and carbon-reduction upgrades for thermal power units, and deepening green operational management practices, we continuously reduce the carbon intensity per unit of electricity generated, thereby promoting the transition of energy production and operations toward low-carbon models.

China Power upholds its responsibility and mission to transform from a traditional power generation enterprise into a green and low-carbon energy provider. In alignment with the Paris Agreement's goal of limiting global temperature rise to 1.5°C to prevent the most severe impacts of climate change, the Company has set multiple management indicators and targets for addressing climate change. As part of these efforts, and with a specific focus on greenhouse gas emission control, we established an annual management target for greenhouse gas emissions. We committed to reducing the greenhouse gas emissions (Scope 1 and Scope 2) of China Power by 20%, 30%, and 40% by 2025, 2030, and 2035, respectively, compared to the 2022 baseline. The effectiveness of this carbon emission management is continuously monitored by the Sustainability Working Committee. We integrate the achievement of targets of responsible entities into performance evaluations, recognizing and rewarding outstanding performers while holding accountable those who cause significant negative impacts.

We regularly conduct assurance reviews of our greenhouse gas accounting methodology. In 2025, we completed our carbon accounting for Scope 1 and Scope 2 emissions and have been advancing emission reduction efforts based on these results. Concurrently, we are engaged in research and practice related to Scope 3 carbon accounting, conducting an in-depth mapping of business activities across the Group's supply chain to identify and specify the Scope 3 emission calculation categories most relevant to our operations. We plan to adopt a phased, gradual approach to collect and calculate the relevant data.

Identified Scope 3 Categories within the Group's Supply Chain

Category	Item	Scope of Coverage
Category 1	Purchased Goods and Services	The Group's business operations and daily office activities generate upstream carbon emissions through the supply chains of various purchased goods and services, including production and operational consumables and daily office supplies.
Category 2	Capital Goods	The Group's business operations generate upstream carbon emissions within the supply chain of procured long-term assets, such as steam turbines, boilers, and photovoltaic panels.
Category 3	Fuel and Energy Related Activities	The Group's thermal power business generates upstream carbon emissions within the supply chain through the extraction and transportation of purchased fuels.
Category 4	Upstream Transportation and Distribution	The Group's business operations generate carbon emissions during the logistics and distribution of raw materials, consumables, equipment, and other inputs.
Category 5	Waste Generated in Operations	The Group's business operations generate carbon emissions during the treatment and disposal of waste, including general industrial solid waste, hazardous waste, and domestic waste.
Category 6	Business Travel	The Group's business operations generate carbon emissions from employee business travel.
Category 7	Employee Commuting	The Group's business operations generate carbon emission from employee commuting.
Category 8	Upstream Leased Assets	The Group's business operations generate carbon emissions from leased assets, including office buildings, workshops, and vehicles.

Note: China Power's main businesses cover power generation and electricity sales. Most of the electricity generated is directly transmitted to the grid. Other Scope 3 categories not mentioned herein are not encompassed.

The scope of greenhouse gas (GHG) measurement includes the Group within the scope of its consolidated financial statements for the same period. The statistical methods reference the ISO 14064-1:2018 the *Greenhouse Gases—Part 1: Specification with Guidance at the Organization Level for Quantification and Reporting of Greenhouse Gas Emissions* and the *Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard*, while adhering to the principles of relevance, completeness, consistency, accuracy and transparency. The emission factors are primarily sourced from standard documents such as the *Guidelines for Greenhouse Gas Emission Accounting and Reporting for Power Generation Facilities*, the *2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories*, the *Guidelines for Greenhouse Gas Emission Accounting and Reporting for Other Industrial Sectors (Trial)*, the *Notice on the Management of Greenhouse Gas Emission Reporting for Power Generation Enterprises from 2023 to 2025* and the *Announcement on Issuing the 2023 Power Sector Carbon Dioxide Emission Factors*.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Greenhouse gas emissions (Scope 1 and Scope 2) (tCO ₂ e)	61,899,321	-20% compared with 2022	-28.24% compared with 2022	Achieved

Carbon Emission Data

Indicator	Unit	2024	2025
Greenhouse gas emissions (Scope 1 and Scope 2)	tCO ₂ e	50,302,013	44,420,360
Direct greenhouse gas emissions (Scope 1)	tCO ₂ e	49,876,065	42,996,840
Indirect greenhouse gas emissions (Scope 2)	tCO ₂ e	425,948	1,423,520
Density of greenhouse gas emissions	g/kWh	378.02	339.16
Greenhouse gas emissions (Scope 3: business travel)	tCO ₂ e	9,887	14,440
Greenhouse gas emissions (Scope 3: fuel and energy related activities)	tCO ₂ e	-	47,579,386

Calculation method: The greenhouse gas emissions from a specific operational activity = Operational activity data × Emission factor. China Power adopts a location-based approach to disclose Scope 2 greenhouse gas emissions.

Of which: the greenhouse gases calculated by China Power include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆) (In 2025, China Power's SF₆ emissions was 486.49 tCO₂e). The specific operational activities that generated greenhouse gas emissions are mainly as follows: (1) Emissions from fossil fuel combustion during production; (2) Fugitive emissions from the use or leakage of refrigerants, fire extinguishers, sulfur hexafluoride (SF₆) and so on; (3) Industrial process emissions from the use of limestone, urea, etc., for desulfurization and denitrification; (4) Emissions from electricity consumption in office buildings, factories, new energy vehicles, etc.; and (5) Emissions from purchased heat; (6) Emissions from employee's business travel in the operation process; (7) Emissions from the fuel and energy related activities in the upstream production process.

Impact Scope of Climate-related Risks and Opportunities

China Power has assessed the range of assets and business activities that are vulnerable to climate-related transition risks, physical risks, and opportunities. For comprehensive information, please refer to the *Identification of Climate Related Risks and Opportunities* section of this report. The Group has conducted extensive analyses of climate-related transition and physical risks that significantly affect its operations and financial performance. This evaluation utilized climate risk scenario analysis and stress testing to precisely quantify the scope and extent of these impacts. For further details, please consult the *Climate Resilience Analysis and Responses* section of this report.

Capital Operation

China Power is proactively engaged in green investment and financing to effectively address climate-related risks and capitalize on emerging opportunities. The Company supports the development of clean energy projects through a variety of financing instruments, including green loans and carbon financial bonds, while simultaneously augmenting its green investment portfolio. These initiatives provide robust support for the Company's low-carbon transformation and the attainment of national Dual Carbon goals.

In September 2025, China Power successfully issued its fourth Green Medium-term Note (Blue Bond) of the year, marking a significant milestone as the nation's first blue bond issued under the *Green Finance Support Project Catalogue (2025 Edition)*. The proceeds from this issuance amount to RMB 2,000,000,000 and carry a three-year term.

债券简称	主体评级	期限	发行规模	利率
25中国电力GN004 (蓝色债券)	AAA	3年期	20亿元	2.00%

China Power Blue Bond Successfully Issued

Performance on Green Asset Management

Indicator	Unit	2024	2025
Investment in green and low-carbon transformation ¹⁰	RMB'000	17,826,606.1	17,004,082.7
Green Loan ¹¹ Credit Granted	RMB'000	206,637,724.6	233,968,050.4
New Green Loan Disbursements	RMB'000	38,223,758.6	28,618,530.1
Financing amount for addressing climate-related risks and opportunities	RMB'000	-	132,315,071.2
Total amount of existing green loans	RMB'000	122,812,519.5	118,678,571.2
Total amount of registered carbon finance bonds	RMB'000	900,000	7,400,000
Scale of green industry fund	RMB'000	-	5,115,500
Scale of carbon financial products	RMB'000	4,121,000	1,121,000
Investment in response to climate-related risks and opportunities ¹²	RMB'000	39,408,819.3	44,256,889.1
Amount of assets or business activities related to opportunities ¹³	RMB'000	-	328,134.7

Note: "-" indicates that the corresponding indicator data are not available.

Internal Carbon Prices

In 2025, in alignment with international disclosure standards and energy transition trends, China Power undertook a specialized research initiative on internal carbon pricing, thoroughly examining the applicability of prevalent carbon pricing mechanisms within the industry. Based on an analysis of the Company's operational context, we identified three mechanisms—shadow pricing, internal carbon tax, and internal carbon trading—as possessing significant potential for practical implementation. We actively explore methods for incorporating internal carbon pricing within the Company, concentrating on four key scenarios: greenhouse gas emission control, establishing emission reduction targets and pathways, analyzing the benefits of energy-saving technological transformations, and assessing project investment returns. We will further explore the ways to implement internal carbon prices. The Company has not yet integrated carbon pricing into corporate decision-making; however, it will implement an internal carbon pricing mechanism in a timely manner.

Remuneration

China Power consistently enhances its remuneration system by integrating climate-related factors into performance evaluations. These considerations are now embedded in the Company's established policies and practices. (For further details, please consult the *Climate Governance System* and *Greenhouse Gas Emissions* sections of this report.)

Industry-based Metrics

Clean Energy Development

China Power is steadfastly committed to advancing the green and low-carbon transformation of the energy sector. The Company consistently amplifies its investment in clean energy sectors, including wind power and photovoltaics. It continuously optimizes its power generation structure, steadily increases the share of installed clean energy capacity, and progressively develops a new energy station system characterized by efficient operations and an intensive layout.

¹⁰ It primarily includes infrastructure investments in new energy projects and technological upgrades and transformations aimed at energy conservation, carbon reduction, pollution prevention, emission reduction, and enhanced resource recycling.

¹¹ It refers to loans granted to the Group by banks and other financing institutions that are used for purposes aligned with applicable local green finance standards.

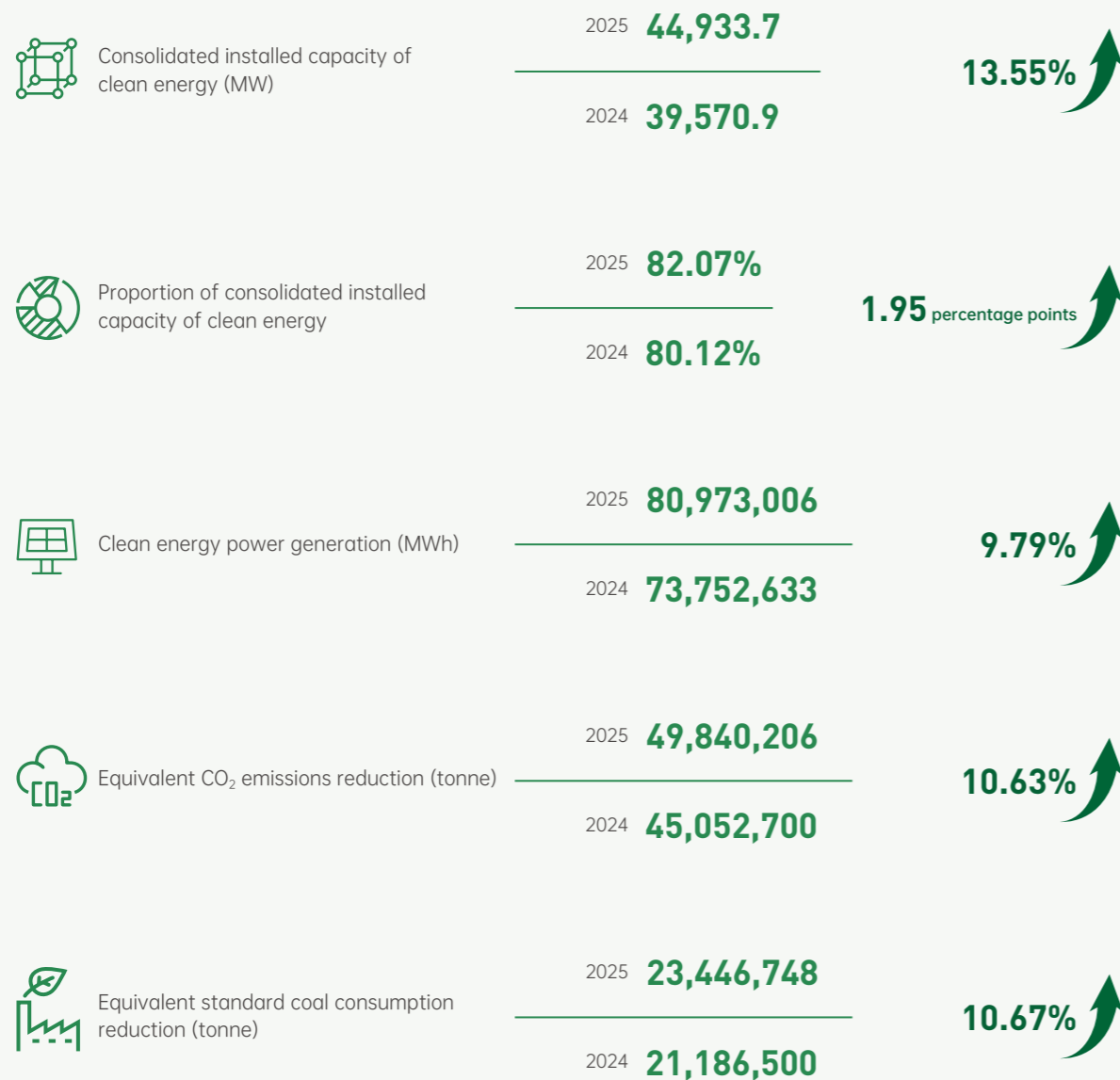
¹² It primarily includes investments in clean energy projects and related technology research and development initiatives.

¹³ It refers to the amount of revenue generated through participation in emerging markets related to climate change response. Relevant activities include the sale of surplus CEAs, green electricity trading, GEC trading, and similar transactions.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Proportion of clean energy power generation	36.3%	50%	61.82%	Achieved

Clean Energy Development and Operations Performance



The Integrated Source-Grid-Load-and-Storage Project in Hutubi, Xinjiang, Successfully Achieved Full-capacity Grid Connection

In May 2025, the 300 MW source-grid-load-and-storage project in Hutubi successfully achieved a full-capacity grid connection in a single phase. Located in Hutubi County, Changji Prefecture, Xinjiang, this project represents a significant new energy initiative endorsed by the local government. Once operational, it is anticipated to produce approximately 520,000 MWh of electricity annually, with an equivalent full-load utilization of about 1,360 hours per year. The project is expected to save roughly 130,000 tonnes of standard coal and reduce carbon dioxide emissions by around 358,000 tonnes each year. This initiative serves as an exemplary model for enhancing the region's clean energy supply capacity, promoting the optimization of the energy structure, and mitigating pollution and carbon emissions effectively.



The Integrated Source-Grid-Load-and-Storage Project in Hutubi, Xinjiang

The Fishery-Solar Complementary Photovoltaic Power Generation Project in Datong Lake Achieved Full-capacity Grid Connection and Power Generation

In May 2025, the 290 MW fishery-solar complementary photovoltaic power generation project in Datong Lake District, Yiyang, Hunan, achieved full-capacity grid connection. This innovative project employs a fishery-solar complementary model, facilitating the efficient and integrated use of land resources. It features a 220 kV step-up substation and associated transmission lines. Annually, it is projected to generate approximately 252,280 MWh of electricity, while significantly reducing carbon dioxide emissions by around 190,000 tonnes. The project promises substantial economic, environmental, and social benefits.



The Fishery-Solar Complementary Photovoltaic Power Generation Project in Datong Lake

Low-carbon Industry Development

China Power continues to advance the research, development, and application of low-carbon technologies, thereby accelerating its expansion in areas such as energy storage and electric energy substitution in transportation. Leveraging its new energy storage platform, XYZ Storage, the Company promotes key technological breakthroughs and demonstration projects to improve the efficiency of clean energy utilization. In the transportation sector, through Qiyuanxin Power, an associate company of the Company, it promotes the deployment of green applications such as battery-swapping heavy-duty trucks and electric construction machinery, while also strengthening the network of charging and swapping infrastructure. By the end of 2025, the Company had served more than 100,000 electric heavy-duty trucks and construction machinery in total and had established over 1,600 charging and swapping stations. Its grid-friendly super energy replenishment centers, featuring super charging + rapid swapping + power delivery, had supported green transportation for more than 4.4 billion kilometers. Compared with fuel vehicles of the same class, this initiative has reduced energy costs by more than RMB 5,000,000,000 and cut carbon dioxide emissions by 6.3 million tonnes.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Develop Unicorn Enterprise(s)	-	One potential Unicorn Enterprise	XYZ Storage was recognized as a 2024 Beijing Unicorn Enterprise	Achieved

XYZ Storage's Chile Energy Storage Project Successfully Delivered

In August 2025, the 117 MW/262 MWh energy storage project developed by XYZ Storage in Chile successfully passed all evaluations conducted by the Chilean National Energy Commission (CEN), signaling its readiness for commercial operation. Situated in the Atacama Region, this project employs XYZ Storage's proprietary Zhichu-Kunyuan 1500V high-voltage liquid cooling energy storage system, optimized for local conditions characterized by elevated temperatures, sandstorms, and significant diurnal temperature fluctuations. The project team efficiently completed the installation, commissioning, and acceptance processes, thereby ensuring the system's stable operation. This achievement further reinforces the company's delivery capabilities within the Latin American energy storage market.



XYZ Storage Chile 117MW/262MWh Energy Storage Project

Qiyuanxin Power Advanced Low-carbon Transport Demonstration with Autonomous Driving + Unmanned Battery Swapping

In 2025, Qiyuanxin Power concentrated on heavy-load transport scenarios in mining areas by advancing the integrated application of autonomous driving combined with unmanned battery swapping. This innovative solution was successfully implemented at the Zhundong Open-pit Coal Mine in Xinjiang, establishing a intelligent transport model characterized by continuous operation and rapid energy replenishment. As a result, the initiative significantly reduces energy consumption costs, facilitates zero-blind-spot operations, and virtually eliminates personnel safety incidents.



Qiyuanxin Power Autonomous Mining Truck

Exploring CCUS applications

In response to the pressing decarbonization requirements of the energy sector, we are unwavering in our commitment to advancing our operations in CCUS. Our approach encompasses various stages, including project construction, product sales, and technical services. This multifaceted strategy has enabled us to develop a robust and comprehensive CCUS technology and engineering capability system.

CCUS and CO₂ Hydrogenation to Methanol—Scaling New Heights on the "Path of Carbon Exploration"

In 2025, in response to the pressing low-carbon transformation needs of the power industry, SPIC Hydropower established a dedicated task force focused on CCUS and CO₂ Hydrogenation to Methanol. This initiative aims to systematically advance key technological breakthroughs in low-energy carbon capture and CO₂ hydrogenation to methanol, with the goal of developing tailored CCUS industrial chain solutions specific to power generation scenarios. The team has successfully developed amine solution online purification equipment that significantly reduces heat-stable salt content, thereby ensuring the long-term stable operation of carbon capture units. Additionally, the new low-energy carbon capture technology, optimized for gas turbine operating conditions, effectively controls regeneration heat consumption below 2.85 GJ/tCO₂. The CO₂ hydrogenation to methanol process has achieved product selectivity exceeding 98%. These advancements have completed engineering application and pilot-scale validation, markedly enhancing the system's full lifecycle benefits and providing robust technical support for the power industry's low-carbon transformation and the development of the green methanol sector.



Research and Development of Mixed Amine Absorbent Project (Left) and Quality Inspection of CO₂ Hydrogenation to Methanol Pilot Plant (Right)

Market-oriented Trading

China Power is proactively engaging with the national unified carbon market and the green electricity trading system, thereby enhancing its market-oriented low-carbon operational model. We diligently monitor policy developments and price fluctuations concerning the carbon market, GEC trading and green electricity trading. Our trading strategies are meticulously crafted, informed by our emission reduction targets and operational contexts. Additionally, we foster exchanges and collaborations with industry institutions and market participants, continuously improve our carbon asset management and trading decision-making capabilities, and systematically develop a professional talent pool.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Green electricity trading volume (MWh)	2,095,032	+20% compared with 2022	+262.30% compared with 2022	Achieved
GEC trading volume (certificate)	105,735	+20% compared with 2022	+19,521.55% compared with 2022	Achieved

Performance on Green Power Trading

Indicator	Unit	2024	2025
Sales of CEAs	tCO ₂ e	2,333,105	1,258,469
Revenue from sale of CEAs	RMB'000	233,484.5	86,758.6
GEC trading volume	certificate	13,611,906	20,746,849
Revenue from GEC trading	RMB'000	74,828.9	75,708.9
Green electricity trading volume	MWh	5,198,404	7,590,335
Revenue from green electricity trading ¹⁴	RMB'000	325,224.9	165,667.3

¹⁴ This refers to the green premium income generated from green electricity trading, namely the portion of green electricity sales revenue that exceeds conventional electricity prices and reflects the value of green power.

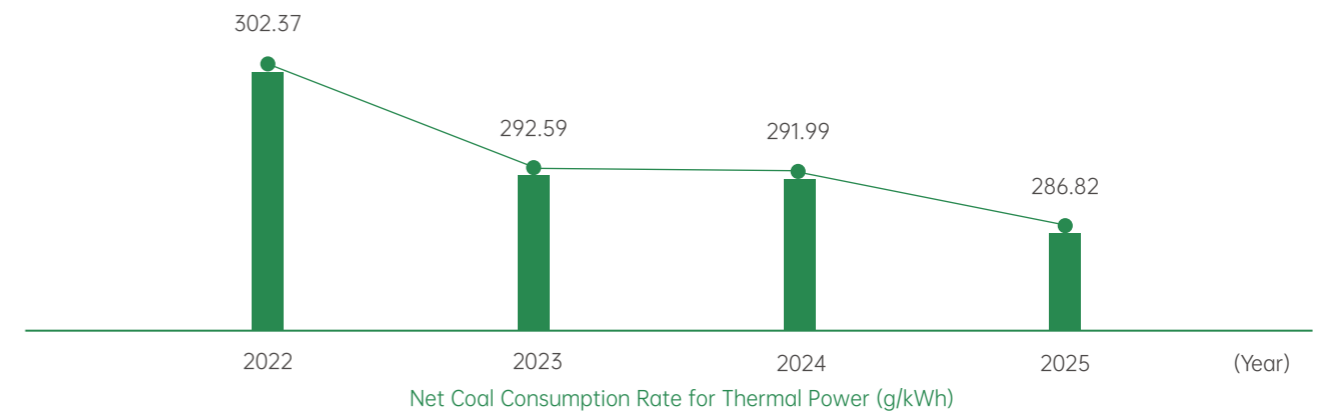
Clean Transformation of Coal Power

China Power is firmly committed to the development of clean and efficient coal power, employing ultra-supercritical single reheat technology across multiple thermal power units. This technology offers numerous advantages, including low construction costs, reliable operation, strong peak-shaving capabilities, and high thermal efficiency, thereby enhancing the market competitiveness of the Group's high-quality assets. The Company systematically promotes energy-saving, carbon reduction, and green upgrades for existing coal-fired power units. Continuous implementation of technological transformations focuses on reducing energy consumption, improving efficiency, and minimizing pollution and carbon emissions. By optimizing the operation of high-power auxiliary equipment and environmental protection facilities, as well as enhancing the efficiency of heat exchange systems, the Company consistently lowers energy consumption associated with unit operations. In consideration of regional industrial and residential heat demand, China Power systematically advances the transformation and capacity enhancement of coal-fired units. This includes deepening heat-electricity cogeneration and cascading energy utilization, ultimately improving unit economics and resource utilization. Furthermore, the Company rigorously strengthens its capacity for pollutant emission control and monitoring, promotes upgrades to coal yard enclosures, dust removal systems, and monitoring technologies, and reinforces its achievements in achieving ultra-low emissions. To enhance safety, stability, and overall efficiency under deep peak-shaving and flexible operation conditions, China Power actively integrates intelligent and digital technologies. This strategic approach drives the transformation of coal power from a fundamental support power source to a clean, efficient, and flexible energy source. In 2025, the Company allocated RMB 71,729,600 to research and development projects aimed at energy conservation and consumption reduction.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Thermal power net coal consumption (g/kWh)	302.37	292	286.82	Achieved


Changes in Net Coal Consumption Rate for Thermal Power



Note: The statistical coverage of this analysis includes the Group's thermal power generation sector, incorporating coal-fired, natural gas, and environmental power generation.

Combined Thermal-Power and Energy Storage Regulation Project in Changshu Achieved Efficient and Low-carbon Operation

In 2025, the combined thermal-power and energy storage regulation project in Changshu successfully implemented efficient grid frequency regulation by integrating a 30 MW/30 MWh energy storage system with thermal power units. This energy storage system, capable of millisecond-level response, precisely adjusts power output, minimizing the need for frequent thermal unit adjustments. Consequently, this integration reduces coal consumption and emissions while significantly enhancing grid frequency stability and power supply reliability.



Interface of the Combined Thermal-Power and Energy Storage Regulation System

Enhancing Environmental Management

China Power integrates environmental management requirements throughout its corporate governance, project decision-making, and production operations. By refining institutional norms, clarifying responsibilities, and strengthening comprehensive process control, the Company establishes a robust foundation for ecological and environmental governance. Simultaneously, it leverages compliance management to enhance supervision, inspection, and risk prevention, ensuring the effective implementation of environmental management mandates. Through ongoing, tiered and categorized environmental training, the Company enhances the performance capabilities of employees and designated responsible parties, facilitating the evolution of environmental management from mere compliance to a more standardized and systematic approach.

Environment Management System

China Power is committed to continually enhancing its environmental management system by integrating environmental considerations into the full spectrum of corporate governance and production operations. Utilizing the Work Safety and Emergency Management Committee to reinforce coordinated management and by approaching environmental oversight through the lens of the entire project lifecycle, the Company strengthens its capacity to identify and mitigate environmental risks. It articulates clear management requirements and objectives concerning water resources, air emissions, wastewater and solid waste. We maintain ultra-low emissions performance targets as normalized practice, enforce internal management thresholds that are more stringent than national standards, and ensure through refined operations and maintenance, along with process improvements, that pollutant generation and emission indicators remain consistently within the technically optimal range. Furthermore, we are steadily promoting ISO 14001 Environmental Management System certification for its operational projects, which establishes a robust foundation for sustainable development. (For further details, please refer to the [Environmental Management Policy](#) available in the ESG Policy section of the Company website.)

Electricity production inevitably involves the occupation of land resources, consumption of water resources, and combustion of fossil fuels, as well as the emission of waste gas, wastewater, and solid waste during operations and disturbances to surrounding ecological habitats during infrastructure construction. These represent the principal environmental and natural resource impacts of the power industry. In 2025, responding to the demands of optimizing its management structure and advancing its business objectives, the Company undertook a comprehensive revision of its *Ecological and Environmental Protection Management Regulations*. This revision explicitly delineates the responsibilities associated with ecological and environmental protection, refines the requirements for personnel allocation, and enhances mechanisms for information disclosure, public opinion monitoring, and risk prevention and control. Additionally, it standardizes reporting procedures for ecological and environmental incidents as well as inspection findings. The Company has systematically integrated ecological and environmental protection mandates into its preliminary project feasibility studies and decision-making processes. It is imperative that all production projects undergo a thorough Environmental Impact Assessment (EIA) prior to the commencement of construction, ensuring full compliance with local ecological and environmental protection regulations. This commitment guarantees that the Group's business operations do not yield significant adverse effects on the ecological environment.

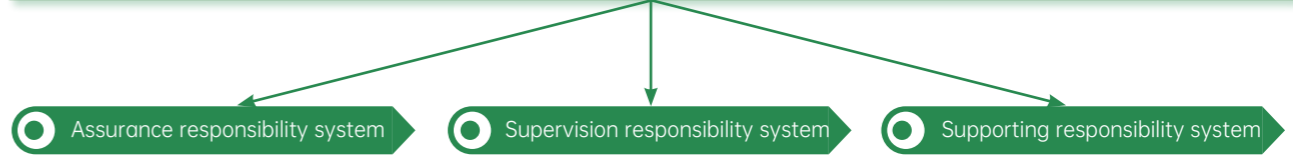


Environmental Management System

Work Safety and Emergency Management Committee

The committee is chaired by the Chairman of the Board with members comprising senior management and the departmental heads

- Organize and lead ecological and environmental protection, work safety, and emergency management efforts.
- Implement national laws, regulations, and company's management policies, as well as establish and improve the ecological and environmental protection mechanism system.
- Promote and improve the Quality, Health, Safety, and Environment (QHSE) management system and ensure its effective operation.
- Support the implementation of the Company's sustainable development requirements, accept oversight and evaluation from the Sustainability Working Committee on the progress of ESG strategic goals and performance in ecological and environmental protection.



Assurance responsibility system

Professional management departments

Fulfilling primary management duties in ecological and environmental protection:

- Organize and perform water resource management and energy conservation efforts, including technology introduction and promotion for related production projects; Inspect the operational status of energy and water usage facilities and equipment; Monitor the accuracy of energy and water resource consumption data, and inspect the implementation of energy-saving and water-saving measures; Promptly identify and document issues and violations.

Supervision responsibility system

Safety, Quality, and Environment Supervision Department

Fulfilling primary supervision duties in ecological and environmental protection:

- Develop ecological and environmental protection supervision and inspection systems and procedures to ensure all ecological and environmental protection efforts comply with relevant standards and requirements.
- Supervise the treatment of waste gas, wastewater, and solid waste generated throughout the production process. This ensures that emissions of the wastewater, waste gas, and solid waste are fully compliant with established environmental standards.

Supporting responsibility system

Functional management departments

Fulfilling primary supporting duties in ecological and environmental protection:

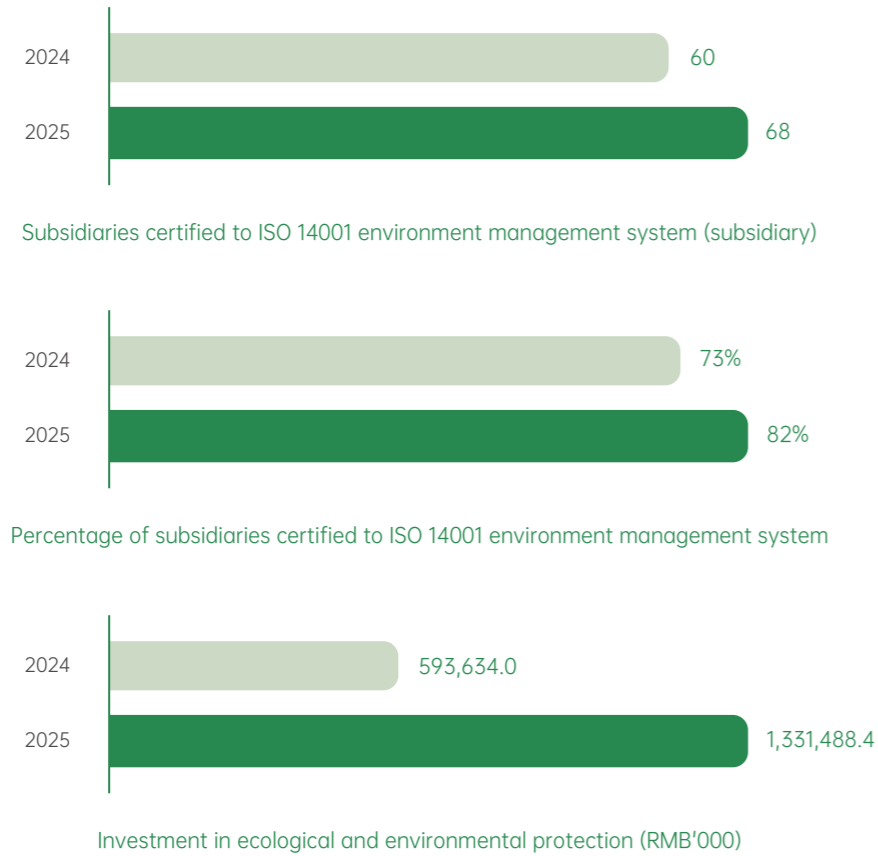
- Support ecological and environmental management efforts.

Primary persons responsible for ecological and environmental protection

Primary leaders of the management teams at each subsidiary

- Sign the Ecological and Environmental Protection Target Agreement which clarifies specific environmental management goals and tasks, such as annual energy-saving targets and compliance rates for waste gas emissions; establish total water consumption control targets based on local environmental conditions and the requirements of relevant water resources authorities.
- Break environmental management goals and tasks down to relevant departments and positions within each subsidiary, clarify their responsibilities and task allocations in environmental management, and ensure accountability is assigned to individuals.
- Regularly organize evaluations and assessments on the completion of each subsidiary's environmental management goals and tasks, give rewards and penalties based on evaluation results, motivate departments and employees to participate in environmental management efforts, ensuring the smooth achievement of environmental management goals.


Environment Management Performance



Environmental Compliance and Risks Controls

China Power continues to enhance and implement its compliance management for ecological and environmental protection. The Company has established a leading group for collaboration with the third round of central ecological and environmental protection inspections, a leading group for promoting the implementation of ecological and environmental protection initiatives, and various working groups to effectively coordinate the progression of critical ecological and environmental tasks. The Company systematically conducts tiered and categorized supervision and inspections of key subsidiaries and new energy projects, thereby strengthening process control through problem list management and closed-loop rectification mechanisms. Furthermore, an internal environmental impact audit cycle of three years ensures that all divisions receive at least one comprehensive inspection within this timeframe.


Key Performance
In 2025



The Group conducted

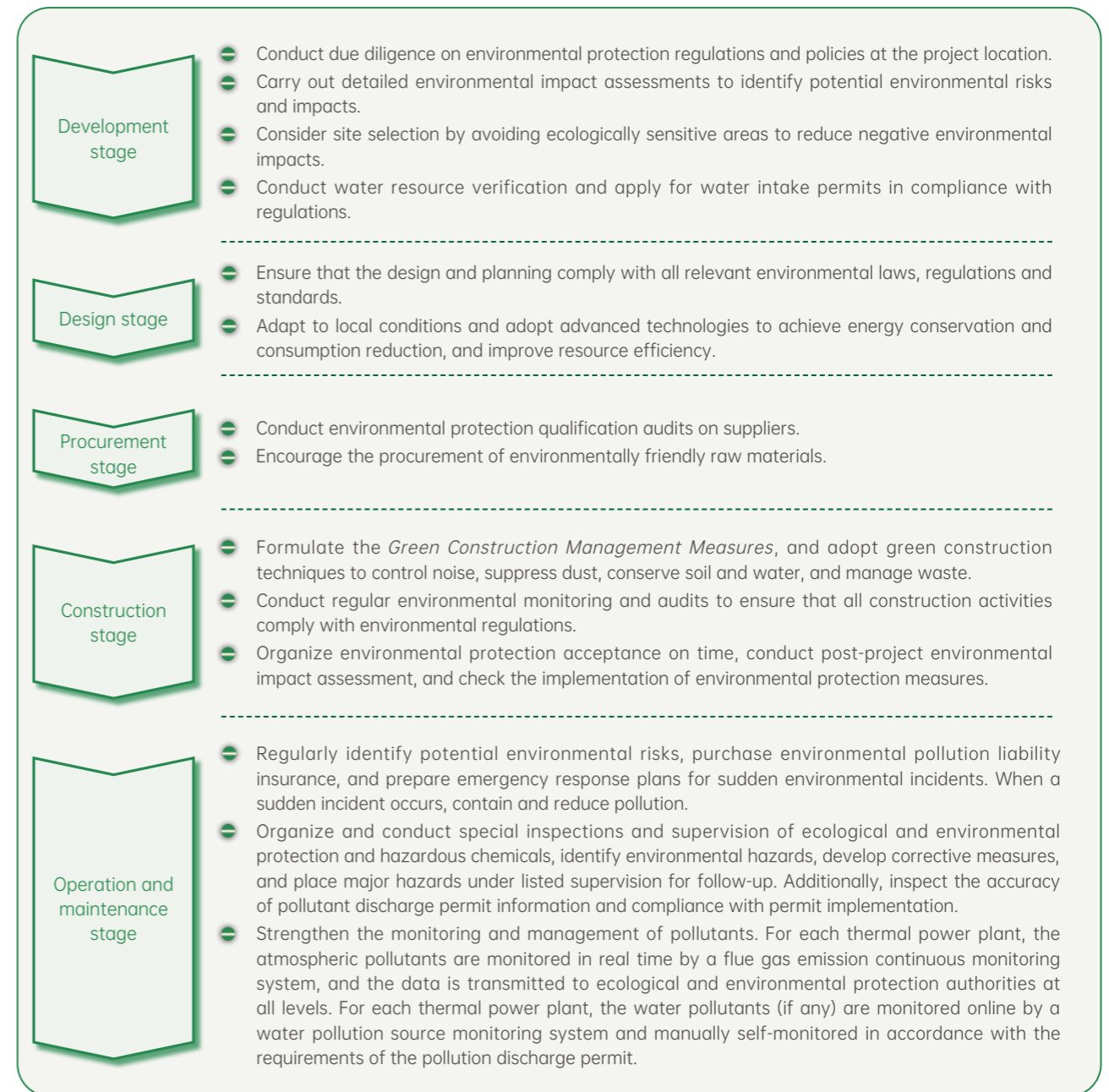
1,085

environmental impact audits (environmental and ecological hazard identification)



0 major environmental pollution incidents occurred during this period

Lifecycle Environmental Compliance Management for Production Projects of China Power



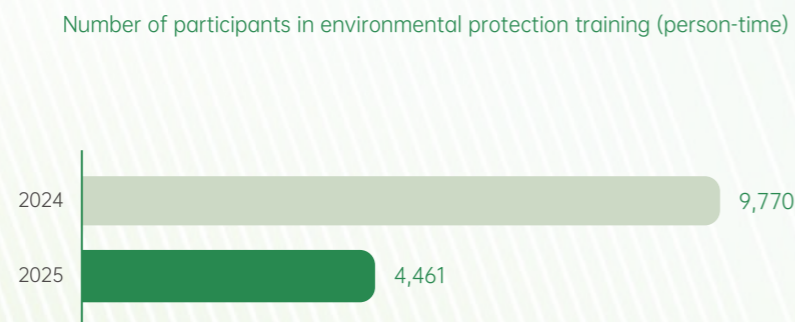
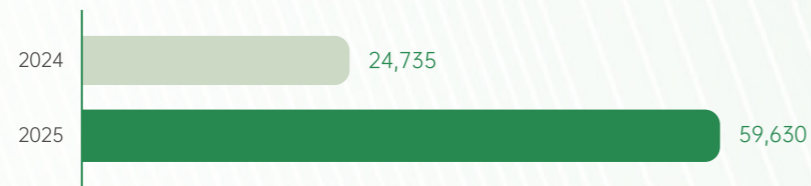
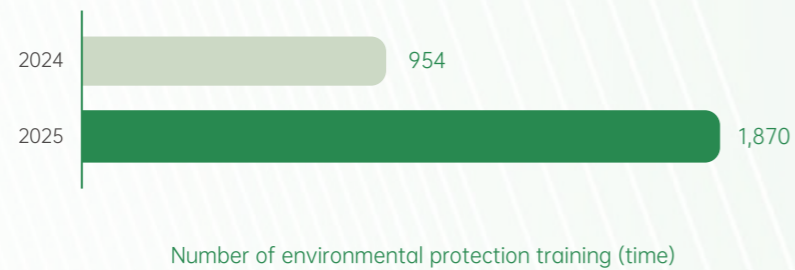
Performance on Environmental Impact Audits

Indicator	Unit	2024	2025
Risk points identified during environmental impact audits (environmental hazards identified)	point	3,495	6,178
Corrected risk points during environmental impact audits (eliminated environmental hazards)	point	3,300	5,791
On-time correction rate	/	94.42%	93.74%

Environmental Protection Training

The Group considers environmental protection training an essential component for enhancing its ecological and environmental management capabilities. It adopts a structured approach to training through tiered, categorized, and multi-format sessions that emphasize the effective execution of system requirements, compliance management in critical areas, and the enhancement of practical operational skills. By organizing both online and in-person training, practical drills, and other innovative methods, the Group effectively strengthens competencies in key areas such as solid waste management, environmental risk prevention and control, pollution source monitoring, and emergency response. This strategy ensures that management requirements are seamlessly translated into responsibilities and concrete actions, thereby significantly enhancing the environmental compliance awareness and professional capabilities of employees and relevant responsible persons.

Performance on Environmental Protection Training



China Power Organized a Special Training on General Industrial Solid Waste Management

In December 2025, China Power conducted a specialized training focused on general industrial solid waste management. This training targeted relevant business departments as well as management personnel from production-oriented subsidiaries and front-line technical staff. The training systematically elucidated regulatory management requirements and essential practical points. By providing centralized training, it significantly enhanced participants' understanding and capacity to implement relevant systems, thereby advancing the standards of management and ensuring compliant disposal of solid waste.



Special Training on General Industrial Solid Waste Management



SPIC Hydropower Organized a Practice Training on Automatic Monitoring Equipment for Stationary Pollution Sources

In 2025, SPIC Hydropower executed a comprehensive practice training focused on automatic monitoring equipment for stationary pollution sources. This training emphasized critical areas such as the operation and management of Continuous Emission Monitoring Systems (CEMS), data specifications, and calibration control. Employing an interactive, in-person teaching methodology, the program effectively combined theoretical foundational knowledge with practical, on-site operations. Participants engaged in equipment operation drills and inspection exercises, significantly enhancing their competencies in operating, maintaining, and troubleshooting automatic monitoring systems. The training also addressed technical challenges commonly encountered in management through collaborative discussions and Q&A sessions, thereby bolstering the efficacy of automatic monitoring and ecological supervision of stationary pollution sources.



Practice Training on Automatic Monitoring Equipment for Stationary Pollution Sources

Optimizing Resource Management

China Power is committed to reinforcing the essential role of resource management in driving refined and regulated management of energy, water and resources. The Company has implemented the *Energy Conservation Management Measures* to systematically enhance the refined and standardized management of energy, water resources, and material utilization. By improving the mechanisms for responsibility allocation and operational analysis, China Power effectively orchestrates the development of medium- and long-term energy conservation and consumption reduction strategies. The Company assigns tasks and targets across levels while diligently conducting energy-saving diagnostics and self-assessments to strengthen its long-term resource management framework. Concurrently, by promoting energy-efficient technological transformations, optimizing water usage structures, and expanding the ways for comprehensive utilization of power generation by-products, the Company advances the recycling and utilization of resources.

Energy Management

China Power has undertaken a comprehensive revision of its *Thermal Power Energy Conservation Management Measures*, significantly enhancing the energy management accountability framework and operational mechanisms. The Company has established robust management protocols that emphasize critical aspects such as regulating power generating units' energy consumption limits, improving equipment selection and upgrades, and refining operational management through technological advancements. We diligently monitor energy utilization across all subsidiaries, conduct regular energy-saving diagnostics, and perform supervision visits. Furthermore, we assess the effectiveness of energy management systems, evaluate the energy consumption levels of production projects, and analyze the outcomes of energy-saving technology renovations. Given that coal fuel consumption is central to our energy use, we have established clear and rigorous management targets for the coal consumption rate of thermal power supply (see the *Industry-based Metrics—Clean Transformation of Coal Power* section of this report for details).

China Power steadfastly advances the implementation of energy-saving and consumption reduction measures across its units, thereby enhancing energy management practices tailored to the specific conditions of each plant. Through the systematic elimination and replacement of high-energy-consuming equipment, the execution of technological renovations for critical systems, and the fine-tuning of operational parameters accompanied by a unit-specific management strategy, the Company has significantly strengthened its capacity for tracking, analyzing and dynamically controlling energy consumption processes. Concurrently, by integrating enhanced heat supply capabilities with the utilization of renewable energy resources within plant areas, China Power continuously optimizes its energy utilization structure. This approach effectively reduces unit energy consumption levels while ensuring safe and stable operations, leading to substantial energy-saving outcomes. In 2025, non-fossil energy consumption within the Group's power generation business accounted for 1.09% of its total energy consumption.

Performance on Energy Consumption

Indicator	Unit	2024	2025
Total comprehensive energy consumption	MWh ¹⁵	169,705,255	135,261,395
Comprehensive energy consumption intensity	gram of standard coal/kWh	155.34	126.55
Direct energy consumption	MWh	168,155,675	133,387,963
Natural gas consumption	m ³	597,685,522	528,479,676
Coal consumption	tonne	27,829,064	21,973,861
Gasoline consumption	tonne	226	225
Diesel oil consumption	tonne	5,431	4,288
Direct energy consumption intensity	gram of standard coal/kWh	154.89	124.79
Indirect energy consumption	MWh	1,549,580	1,873,431
Electricity purchased externally ¹⁶	MWh	458,964	728,979
Heat purchased externally ¹⁷	GJ	3,926,214	4,120,025
Indirect energy consumption intensity	gram of standard coal/kWh	1.43	1.76
Non-fossil energy use types	/	Solar power, wind power, hydropower	Solar power, wind power, hydropower
Non-fossil energy consumption	MWh	189,936	1,465,101

¹⁵ Converted to ten thousand tonnes of standard coal equivalent, the total comprehensive energy consumption for 2024 and 2025 was 2,080 and 1,657 respectively; of which, direct energy consumption was 2,061 and 1,634, and indirect energy consumption was 19 and 23.

¹⁶ It refers to electricity purchased from the grid and used for the Group's operations.

¹⁷ This report clarifies the statistical scope and measurement units for purchased heat and revises the relevant 2024 data.



Wuhu Power Implemented Energy Cascade Utilization in Dust Removal System

To address the issue of energy waste during the operation of its dust removal system, Wuhu Power has initiated the recovery and reuse of waste heat generated within the system. Heat originally discharged from high-temperature hydrophobic water has been repurposed to partially replace the electric heating process, thereby achieving energy cascade utilization and recycling within the dust removal system. Following the renovation, the plant has ensured the safe and stable operation of its equipment while significantly reducing auxiliary power consumption and wastewater discharge. In 2025, the facility saved approximately 1,400 MWh of auxiliary power and decreased high-temperature hydrophobic water discharge by roughly 19,000 tonnes, with tail water effectively reused after entering the desulfurization tower. This initiative not only enhances energy utilization efficiency but also improves environmental performance. The associated technological advancements have secured a national utility model, providing valuable insights for thermal power enterprises undertaking internal waste energy recovery and energy-saving renovations.



Steam-water Heater for Electrostatic Precipitator Aeration System

Jiangmen Comprehensive Energy Performed an Innovative Gas Turbine Temperature Control Mode

In 2025, Jiangmen Comprehensive Energy addressed the challenges associated with prolonged cold start-up times and high energy consumption in its gas-steam combined cycle units through the innovative implementation of a gas turbine temperature control mode modification project. By optimizing the start-up sequence and enhancing exhaust temperature control, the unit now prioritizes the grid connection and load-carrying capacity of the gas turbine, followed by the steam turbine run-up. This alteration has significantly reduced the time required for grid connection from approximately 4 hours to 0.6 hours. In addition to improving start-up safety and operational stability, this modification effectively minimizes fuel, power, and steam & water losses during the start-up process. A single start-up event can yield an increase of around 15 MWh in power generation, resulting in an overall reduction of start-up costs by approximately 35%. Furthermore, this advancement substantially enhances the unit's rapid response capabilities and supply assurance during peak electricity demand periods and fluctuations in renewable energy output.



Gas Turbine Interface

Water Resource Management


China Power adheres to systematic and refined management principles to enhance its water resource management initiatives. The Company utilizes tools such as the World Resources Institute (WRI) Aqueduct Water Risk Atlas to conduct comprehensive water resource inventories and risk assessments across all operational regions. Based on the annual assessment findings, China Power implements a tiered management approach to address varying water risk levels, thereby continuously fortifying its prevention and control measures. At the corporate governance level, the Strategic and Sustainable Development Committee, under the Board of Directors, oversees pertinent issues, including water resource management. The President, the chief executive of the Company, coordinates the formulation of water resource management objectives and action plans. (For further details, please refer to the [Water Resource Management](#) under *ESG Issue Management* section on the Company website.)

Before commencing operations, we engage third-party experts to conduct comprehensive water impact assessments. If we anticipate substituting water resources, we carry out water quality sampling and chemical analysis of alternative sources to ensure that the treated water complies with production safety standards. Furthermore, we also conduct thorough technical and economic feasibility evaluations. We encourage various departments to enhance the efficient recycling of water and increase the use of urban reclaimed water. Through methods such as chemical precipitation flocculation, pH regulation, and chemical water treatment, we achieve tiered usage and recycling of different water sources. This effectively controls the cycle multiple of water extraction, reducing reliance on freshwater resources.

China Power has developed a comprehensive mechanism to decompose and assess water-saving targets across all segments of its operations. The Company promotes water-saving improvements throughout its production processes and management workflows by conducting water balance tests, establishing a benchmarking system for water use performance, and implementing annual technological renovation projects focused on water conservation. The Group operates in regions with stable water supply and does not face water stress in terms of withdrawal or consumption. Specific water withdrawal and consumption volumes are determined annually based on business development and local environmental conditions. For the reasons stated above, the Group currently strives, through technical and management measures, to maintain a water recycling rate of over 90%, but has not yet set a quantified target for water efficiency.

We implement water conservation education and awareness programs for all production and administrative personnel. This initiative disseminates crucial knowledge regarding the importance of water resources, effective water-saving methods, and relevant regulations. Such efforts actively promote the successful implementation of water-saving measures across diverse operational sites and business scenarios.


Key Performance
In 2025



Total freshwater consumption decreased by

5.73%


compared with 2024



the Group achieved

0

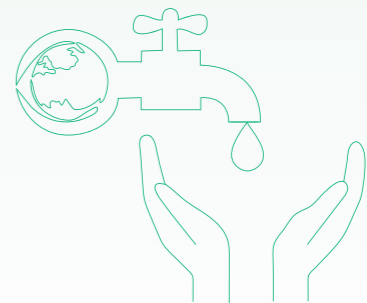
incidents related to water intake or usage



alternative water sources accounted for

26.63%




of total water use



Performance on Water Resources Management

Indicator	Unit	2024	2025
Total water withdrawal (fresh water)	tonne	1,098,319,195	658,041,022
Total water consumption (fresh water) ¹⁸	tonne	65,853,899	62,213,400
Water consumption intensity	g/kWh	494.90	475.01
Alternative water consumption	tonne	12,305,331	22,580,004
Water recycling rate ¹⁹	/	94.00%	90.55%
Number of incidents violating water usage/quality permits, standards, and regulations	case	0	0

2025 Water-saving Renovation: Highlight Cases

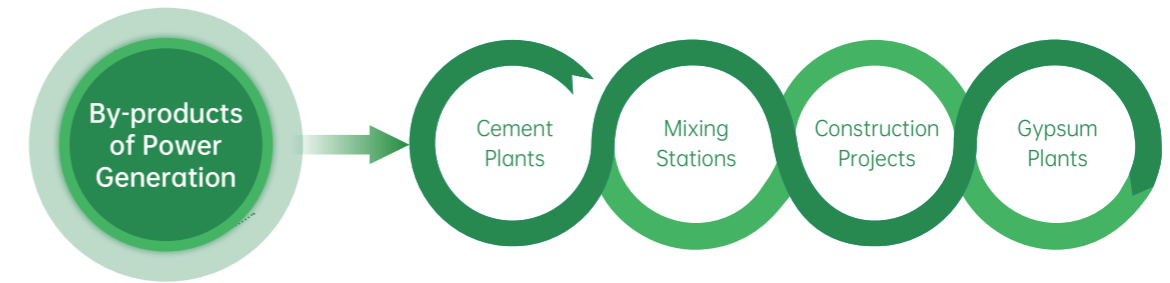
Water-saving Renovation Measures	Outcome
 <p>A Roots blower was added to the Phase II pretreatment system, and modifications were implemented for air scouring and combined air-water flushing. By optimizing the filtration media cleaning process, the backwash time was shortened.</p>	<p>This resulted in a reduction of water consumption per backwash cycle for a single unit by approximately one-quarter, achieving cumulative annual water savings of about 90,000 to 100,000 tonnes. It also saved approximately RMB 700,000 in operation and cleaning costs. While simultaneously reducing wastewater and sludge discharge, this modification effectively enhanced water production capacity and system margin, providing reliable assurance for raw water supply following the heating system renovation.</p>
 <p>We conducted extensive research and development to create and implement advanced technologies for the intelligent operation of industrial circulating water systems. Our innovations include online water quality monitoring and intelligent control methods that facilitate real-time sensing and precise regulation of these systems.</p>	<p>This stably increased the cycle of concentration to approximately 4.5 times, saving about 2.637 million m³ of water annually and reducing wastewater discharge by approximately 875,000 m³, significantly enhancing water reuse and wastewater reduction capabilities.</p>
 <p>The auxiliary cooling process employed a closed-cycle system, utilized water-saving boiler pickling agents, recovered qualified drainage during unit start-up, and promoted the adoption of water-saving sanitary ware and membrane water treatment processes.</p>	<p>This effectively reduced cooling water and maintenance water losses, enabled the reuse of demineralized water during the start-up phase, and reduced wastewater generation and discharge, continuously improving the plant's overall water use efficiency and refined management level.</p>

¹⁸ It refers to the net amount of water consumed and not recoverable during water use processes.

¹⁹ Water recycling rate = (Total water withdrawal - Total water consumption) / Total water withdrawal.

Resource Utilization

China Power systematically enhances resource recycling management by prioritizing the reduction, resource utilization, and standardized disposal of power generation by-products. Its multifaceted approach significantly elevates the overall effectiveness of comprehensive resource utilization. In the thermal power production and operation processes, the Company takes strategic measures at the source to minimize the generation of by-products, including fly ash, slag, and desulfurization gypsum. This is achieved by optimizing combustion efficiency and enhancing fuel quality. During the end-use stage, the Company strengthens classified management and facilitates coordinated utilization. This approach promotes the application of power generation by-products across various sectors, including building materials and infrastructure construction. Consequently, it expands the consumption channels for these materials in diverse contexts, including cement, concrete, bricks, and other related products.




Comprehensive Utilization of Power Generation By-products

Performance on Power Generation By-products Management


Indicator	Unit	2024	2025
Comprehensive utilization rate of power generation by-products	/	82.59%	97.28%

We pioneer comprehensive lifecycle management for energy equipment, implementing recycling initiatives for energy-related waste, including wind turbine blades, photovoltaic devices, and energy storage batteries. Our focus on the disposal of decommissioned equipment emphasizes resource recovery, volume reduction, and environmental safety.



China's First Complete Set of "Low-Energy Light Exposure Method for Dismantling Crystalline Silicon Photovoltaic Modules" has Achieved Engineering Application

In response to the growing challenges associated with the concentrated accumulation of decommissioned photovoltaic modules, and against the backdrop of the Dual Carbon strategy, a former environmental protection division under SPIC Hydropower has successfully developed and implemented a cutting-edge engineering application. This application utilizes a low-energy light exposure method for the dismantling of crystalline silicon photovoltaic modules. By employing an integrated "light exposure-mechanical separation" process, this technology facilitates efficient and clean dismantling while enabling high-value recycling of decommissioned modules with minimal energy consumption. Consequently, the recovery rates for materials, such as glass and crystalline silicon, have significantly improved. A demonstration line capable of processing 10,000 tonnes has been established and is currently operating steadily. In 2025, this initiative successfully dismantled over 30 tonnes of cells and rolled stock while also repairing over 6 tonnes of materials. This marks a substantial advancement in photovoltaic module recycling, transitioning from technological exploration to industrial application, thereby providing robust support for the establishment of a green closed-loop system within the photovoltaic industry and fostering the development of a circular economy.



Automated Photovoltaic Module Dismantling Demonstration Line

Implementing Pollutant Management

Pollutant emissions are a critical issue affecting ecological environmental quality and public health, with direct implications for the health and safety of nearby communities and the stability of regional ecosystems. In response, China Power proactively enhances its comprehensive management of pollutants by coordinating efforts across all operational sites to effectively mitigate exhaust gas, wastewater, and solid waste. We are committed to collaborative initiatives focused on source reduction and facility upgrades, consistently decreasing atmospheric pollutant emission levels. Through our advanced wastewater treatment and recycling processes, we markedly enhance the efficiency of water resource utilization. By standardizing waste management practices and promoting resource recovery, we minimize the environmental footprint of our production activities.

Waste Gas Management

China Power places significant emphasis on waste gas management with strict compliance with applicable laws including the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*. To effectively reduce air pollutant emissions through source control and technological upgrades, the Company has set pollutant reduction targets, committing to a 15% reduction in air pollutant (including sulfur dioxide, nitrogen oxides, flue gas and dust emissions) emission intensity (calculated as total air pollutant emissions divided by operating profit) by 2025 compared to 2022 levels. In 2025, the Company's emission intensity was 1.133 g/RMB, representing a 41.72% decrease compared to 2022 (1.944 g/RMB).

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Air pollutant emission intensity (total air pollutant emissions divided by operating profit) (g/RMB)	1.944	-15% compared with 2022	-41.72% compared with 2022	Achieved

In 2025, we undertook a revision of the *Management Measures for Air Pollution Prevention and Control*. This update optimized the scope of application and clarified the division of responsibilities, while elaborating on the management requirements for air pollutant emissions control. We unified the management of fugitive emissions, clean transportation, VOCs control, and the operation of denitrification facilities. Additionally, we refined the requirements related to pollution discharge permits, responses to heavy pollution events, and the management of online monitoring data.

Performance on Waste Gas Management²⁰

Indicator	Unit	2024	2025
Total air pollutant emissions	tonne	15,378.62	13,527.80
Flue gas and dust emissions	tonne	528.24	488.17
Density of flue gas and dust emissions	g/kWh	0.0040	0.0037
SO ₂ emissions	tonne	4,436.38	3,809.59
Density of SO ₂ emissions	g/kWh	0.0333	0.0291
NO _x emissions	tonne	10,414.00	9,230.04
Density of NO _x emissions	g/kWh	0.0783	0.0705

²⁰ The emission density of each air pollutant is calculated as: emissions of the air pollutant / total electricity generated.

We continually guide all units to enhance their exhaust gas treatment and operational management practices. Special emission reduction plans are specifically tailored for thermal power facilities, which tend to produce higher levels of air pollutants. We optimize fuel procurement by promoting the use of low-sulfur, low-ash coal, thereby reducing the generation of air pollutants at the source. Air pollution prevention and control technologies are carefully chosen based on local conditions. By advocating for low-nitrogen combustion retrofits, optimizing the operation of denitrification, desulfurization, and dust removal facilities, and strengthening online monitoring and maintenance, we consistently upgrade and refine exhaust gas treatment methodologies. This approach has enabled all thermal power units—including coal, gas, and environmental power generation—to achieve ultra-low emission.

We are committed to empowering emission reduction initiatives for air pollutants across various industries. A division previously under SPIC Hydropower specializes in flue gas treatment for the thermal power and industrial sectors. This unit engages in comprehensive activities related to desulfurization, denitrification, dust removal, and the coordinated control of multiple pollutants. It has successfully developed integrated atmospheric governance solutions that encompass project construction, investment operation, and technical services, all designed to mitigate air pollutant emissions during coal combustion and industrial production processes. In 2025, these efforts led to a reduction of 696,000 tonnes of sulfur dioxide and 121,000 tonnes of nitrogen oxides in pertinent production projects both within and outside China Power.

Qiaotou Project Unit 3 Absorption Tower Successfully Lifted

In December 2025, a former environmental protection division under SPIC Hydropower helped achieve a significant milestone in the desulfurization project for the 3×660MW Build Large, Retire Small thermal power units at the Qiaotou Power Plant under Qinghai Provincial Investment marked by the successful completion of the lifting operation for the absorption tower of Unit 3. The project employs the limestone-gypsum wet flue gas desulfurization process, demonstrating an impressive desulfurization efficiency of no less than 99.2%. Once fully operational, it is projected to reduce sulfur dioxide emissions by approximately 76,800 tonnes and dust emissions by around 432 tonnes annually across the three units, thereby significantly enhancing regional air quality.



Successful Lifting of Unit 3 Absorption Tower at Qiaotou Project

Wastewater Management

China Power strictly adheres to applicable laws including the *Water Pollution Prevention and Control Law of the People's Republic of China*, and is firmly committed to the reduction of wastewater and the adoption of standardized management practices. Through initiatives such as source control, process optimization, and advanced treatment methods, the Company has effectively reduced wastewater generation. In operational management, process wastewater discharge has been minimized by enhancing the cycle of concentration in circulating water and adopting graded recovery and reuse techniques for rainwater and treatment process water. Furthermore, China Power is expediting the integration of advanced treatment and resource utilization retrofits specifically for desulfurization wastewater. This approach signifies a decisive shift from traditional end-of-pipe wastewater disposal to systematic recovery and comprehensive utilization. Consequently, the Company is progressively establishing a robust wastewater management model focused on reduction, reuse, and zero liquid discharge.

By the end of 2025, all thermal power plants under the Group have consistently achieved **0** direct wastewater discharge²¹.

²¹ It refers to industrial wastewater containing pollutants that is discharged directly to the environment (e.g., rivers, lakes, seas) without passing through any intermediary treatment or collection system.


Performance on Wastewater Management

Indicator	Unit	2024	2025
Total industrial wastewater discharge	tonne	8,073,340	3,538,313
COD emissions	tonne	178.60	130.37
Density of COD emissions	g/kWh	0.00134	0.00100
Ammonia nitrogen emissions	tonne	5.34	3.60
Density of ammonia nitrogen emissions	g/kWh	0.000040	0.000028

We effectively meet the demands of industrial wastewater and urban water environment treatment through the execution of water treatment engineering construction and investment operation projects. Our comprehensive service capabilities encompass water environment planning and design, project implementation, and operational management. In 2025, our initiatives enabled the treatment of 29,543,900 tonnes of sewage across relevant production projects both within and outside China Power, resulting in a reduction of COD by 18,900 tonnes and ammonia nitrogen by 2,700 tonnes.

SPIC Hydropower Delivered on the "Water Governance" Ecological Commitment

In 2025, a former environmental protection division under SPIC Hydropower successfully advanced the modernization of its water environment treatment business. By integrating smart water platforms and employing advanced treatment processes, the division achieved digitalization and intelligence in the operation, water quality monitoring, and management of sewage treatment facilities, thereby ensuring stable and efficient system performance. Through significant upgrades to equipment and facilities, along with the establishment of traceability monitoring systems, it markedly enhanced treatment capacity and operational resilience. This maintained stable and compliant effluent quality, even amid increasing sewage treatment demands. To address challenges such as complex water quality and high-salinity wastewater, this division accelerated its independent research on technology and engineering applications, fostering a transition from compliance-based wastewater treatment to resource utilization. This strategic shift continuously enhances its comprehensive service capabilities in water environment governance.



Shangqiu Zero Wastewater Discharge Project

Solid Waste Management

China Power actively enhances its waste management practices by complying with applicable laws including the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, and the *Measures for the Transfer of Hazardous Wastes*, and revising the *Management Measures for the Prevention and Control of Solid Waste Pollution*. This revision elucidates the responsibilities of relevant production departments and subsidiaries in non-hazardous waste and hazardous waste management. It emphasizes the critical need for refined protocols concerning the classified collection, standardized storage, and compliant disposal of solid waste. Additionally, activities such as identifying solid waste of unknown composition, managing co-fired general industrial solid waste, and overseeing hazardous waste are integrated into a unified management framework. This approach significantly strengthens the Company's capacity for environmental risk prevention and control related to waste.

All subsidiaries of China Power rigorously adhere to protocols for classified waste collection, standardized storage, and compliant disposal. Efforts are made to optimize operational management, renovating equipment and processes to reduce waste generation and enhancing resource utilization. The Group's waste management practices align with environmental regulatory requirements, ensuring standardized control throughout the process. The vast majority of non-hazardous waste comprises power generation by-products and is recycled; for details, please refer to the **Resource Utilization** section of this report. Hazardous waste is securely stored and transferred to qualified entities for safe disposal, without adverse environmental impacts. Given the above circumstances, specific waste reduction targets have not been established at this stage. In 2025, the Group achieved a record of no environmental penalties related to the illegal discharge of solid waste.

Solid Waste Disposal Measures

Non-hazardous Waste

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- The vast majority of non-hazardous waste generated by power plants consists of power generation by-products (fly ash, slag, desulfurization gypsum), which are sold for comprehensive utilization. Statistical records are maintained, and indicators such as the comprehensive utilization volume and utilization rate of fly ash, slag, and desulfurization gypsum are tracked monthly.
- Slag that cannot be transported off-site in the short term is stored in legal ash storage yards at each power plant, pending compliant utilization once a sales market is developed.
- Non-recyclable general industrial waste and construction waste are promptly removed and subject to treatment for harmless recycling in accordance with local government regulations.
- Domestic garbage is entrusted to qualified disposal entities for standardized treatment.

Hazardous Waste

◆

- All hazardous waste is treated and disposed of in accordance with regulations such as the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, the *National Directory of Hazardous Wastes*, the *Measures for the Transfer of Hazardous Wastes*, and the *Standard for Pollution Control on Hazardous Waste Storage*. Comprehensive supervision and inspection are carried out over the entire process of generation, collection, storage, movement, transportation, and disposal, and the hazardous waste transfer manifest system is strictly enforced.
- Hazardous waste such as waste lubricating oil is entrusted to qualified third-party professional institutions for proper disposal.
- Fly ash undergoes chelating stabilization and, after passing inspection, is transported to landfills for safe disposal or co-processing in cement kilns.

Performance on Waste Management

Indicator	Unit	2024	2025
Comprehensive generation of non-hazardous waste ²²	tonne	12,875,734	15,392,826
Density of comprehensive non-hazardous waste generation	g/kWh	96.76	117.53
Generation of hazardous waste ²³	tonne	128,032	154,802
Density of hazardous waste generation	g/kWh	0.96	1.18
Treatment and disposal of hazardous waste	tonne	127,684	146,466
Investment in the disposal of hazardous waste	RMB'000	47,455.8	64,260.1
Recycled hazardous wastes	tonne	10,649,341	9,934,763

Advancing Green Actions

China Power, guided by the principles of green and low-carbon development, effectively coordinates the sustainable initiatives across internal management, business practices, and social participation. By enhancing institutional arrangements and refining operational mechanisms, the Company promotes the adoption of green operational methods throughout all levels of its units. This continuous optimization of energy consumption structures and resource utilization efficiency is a testament to its commitment to sustainability. Furthermore, China Power systematically incorporates the concept of ecological protection into the full lifecycle management of its projects, thereby strengthening biodiversity risk identification and process control. This approach fosters the synergistic advancement of energy development and ecological restoration. On this basis, we rely on specialized environmental protection divisions to realize the benefits of environmental governance.

Green Operations

China Power is committed to advancing green operation management through a systematic implementation of conservation and low-carbon operational strategies across all levels of the Company. The headquarters plays a pivotal role by formulating and enforcing initiatives such as the *Proposal on Practicing Frugality in Office Operations* and the *Paperless Office Management Measures*. These initiatives are designed to guide production and office behaviors with a focus on energy conservation, emission reduction, and efficiency improvement. Furthermore, the Company empowers its units to refine office energy management, equipment usage, and daily conduct based on their specific contexts. This results in a cohesive green operation management mechanism characterized by top-down coordination and locally adapted measures. Additionally, China Power actively enhances its energy consumption structure by purchasing GECs, demonstrating its unwavering commitment to sustainable practices.

In 2025, the Company effectively harnessed its leadership position as a central SOE in promoting green power consumption. It set ambitious targets²⁴ for both green office and green production electricity usage.

Key Performance In 2025

By purchasing GECs, among other measures



the Company and certain of its subsidiaries achieved **100%** green electricity consumption for office operations



and **73.48%** green electricity consumption for production

²² The Group monitors and records the treatment methods for all non-hazardous waste. Non-recycled non-hazardous waste is either stored in compliant conditions or undergoes harmless and compliant disposal. None of the waste is treated through direct incineration, direct landfilling, or any other methods that could adversely impact the environment.

²³ The Group monitors and records the treatment methods for all hazardous waste. Hazardous waste that has not yet been treated or disposed of is stored in compliant conditions, awaiting treatment and disposal. None of the waste is treated through direct incineration, direct landfilling, or any other methods that could adversely impact the environment.

²⁴ 2025 Green Electricity Targets: Achieve 100% green office electricity consumption and 30% green production electricity consumption.

Green Operations Measures

Green office

Encourage employees to cultivate water-saving habits, promptly turn off faucets, and immediately address any dripping or leaking water to prevent prolonged water flow. Additionally, replace water fixtures with water-efficient alternatives. Lighting should only be used when necessary—natural light is to be utilized on sunny days, and electrical appliances not in use should be turned off promptly. Implement the *Paperless Office Management Measures*, promoting paperless office operations while ensuring confidentiality and security. When printing is unavoidable, double-sided printing and optimized page layout are required to minimize paper consumption. Additionally, the recycling and reuse of paper are strengthened to reduce the use of virgin paper.



Green life

Encourage taking appropriate portions of food and packing leftovers, fostering a sense of conservation that values pride in clean plates and shame in waste. Install charging piles for new energy vehicles to encourage low-carbon and environmentally friendly modes of travel.



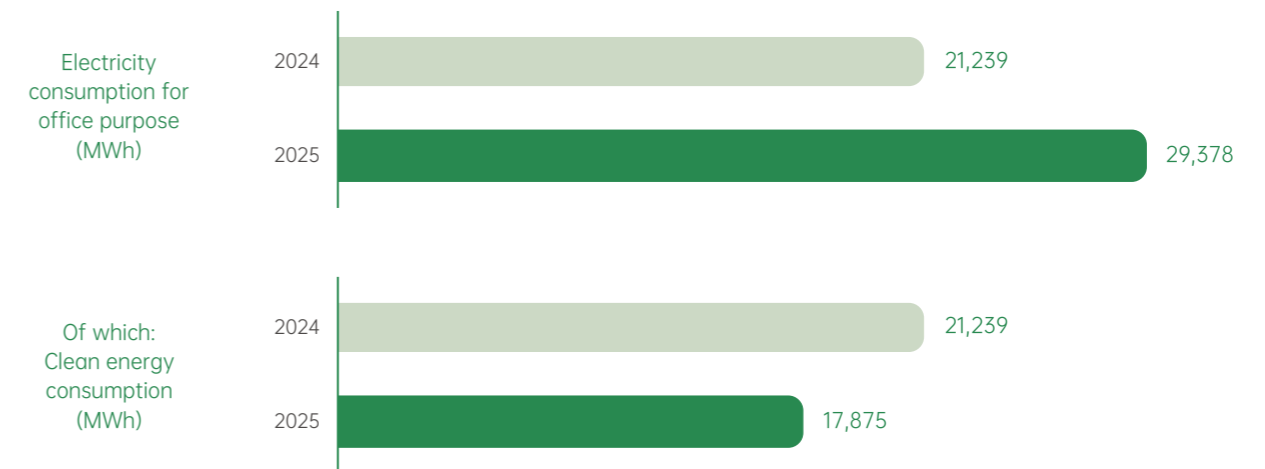
Green production

Based on its own circumstances, some power plants use new energy power generation equipment, such as photovoltaics and wind power, to replace traditional energy sources.



Photovoltaic-Storage-DC-Flexible Parking Lot (Left) and Wind-Solar Complementary Streetlights (Right)

Consumption for Operations and Office Purpose



Anhui Company Organized Activities in Response to National Energy Conservation Publicity Week and Low-Carbon Day

In 2025, in alignment with the objectives of National Energy Conservation Publicity Week and Low-Carbon Day, Anhui Company effectively organized a comprehensive series of energy-saving and low-carbon initiatives under the overarching theme of Energy Conservation and Efficiency Enhancement. To this end, the company conducted targeted publicity and implementation meetings, showcased promotional banners and informational displays, and issued a range of energy-saving and low-carbon initiatives. Furthermore, it facilitated the signing of energy conservation commitments and organized competitions focused on energy savings and consumption reduction. These efforts successfully guided employees to incorporate energy conservation principles into their daily work and behavioral norms, thereby significantly enhancing awareness of energy-saving and carbon-reduction practices. Consequently, this initiative fostered a positive atmosphere characterized by collaborative engagement and a unified commitment to promoting green and low-carbon operations throughout the organization.



Energy Conservation and Efficiency Enhancement in Anhui Company

Ecological Protection

China Power firmly integrates into the national plan for ecological civilization construction, methodically enhancing its governance system for ecological and environmental protection, with the Board serving as the highest decision-making authority. By systematically implementing a comprehensive suite of policies—including the *Supervision and Management Regulations for Ecological and Environmental Protection*, the *Ecological and Environmental Protection Management Work Regulations* and the *Implementation Measures for Ecological and Environmental Protection Rewards and Penalties*, the Company effectively promotes adherence to ecological protection requirements throughout its entire production and operational processes. This approach continuously strengthens the standardization and implementation of ecological environment management. We are committed to the mitigation hierarchy of avoid–minimize–restore–offset, seamlessly incorporating ecological protection and restoration requirements into the full lifecycle management of projects, from planning and construction to operation and decommissioning. Furthermore, we actively explore pathways for the harmonious coexistence of biodiversity protection and project operations.

We have established and are implementing a comprehensive biodiversity risk assessment procedure that encompasses all business areas, their associated ecosystems, and key species. A specialized assessment team has been assembled to systematically identify potential risks stemming from business activities in terms of legal and regulatory frameworks, and environmental impacts. We employ a tiered management approach based on the likelihood and potential impact of these risks. Additionally, assessment conclusions are dynamically updated in response to monitoring results and changes in policy, ensuring that our strategies remain responsive and effective.

Offshore Wind Power Company Carried Out "Stock Enhancement"

In 2025, Offshore Wind Power Company conducted extensive stock enhancement initiatives aimed at bolstering biodiversity conservation. Over the course of the year, over 200 million aquatic organism seedlings from various species, such as Chinese white shrimp, Japanese prawn, jellyfish, swimming crab, and Korean rockfish—were released. Additionally, fertilized eggs of golden cuttlefish and maneless cuttlefish were introduced into the ecosystem. These efforts effectively replenished regional fishery resources, and enhanced the biodiversity, thereby contributing to the stabilization of marine ecosystem structure and the restoration of its ecological functions.



Stock Enhancement by Offshore Wind Power Company

Successful Completion of Ecological Restoration for Phase I 450MW Project at Shandong Peninsula South U Field

In 2025, the Phase I 450 MW project at the Shandong Peninsula South U Field implemented coastal restoration measures in the eastern waters off Haiyangsuo Town, Rushan City, including the conversion of aquaculture areas back to beach and off-site wetland functional restoration. Targeting degraded coastal wetlands, the project carried out systematic ecological restoration through shoreline rehabilitation, wetland recovery, and *Enteromorpha* (green algae) control. These efforts restored 4.8 hectares of beach, recovered 652 meters of natural coastline, and cleared 20 kilometers of shoreline, significantly improving the regional marine ecological environment and strengthening coastal ecosystem functions.






Ecological Restoration Work at Shandong Peninsula South U Field Project Site

Yaomeng Energy Implemented Bird Protection and Collision Prevention Measures at Wind Farms

Yaomeng Energy demonstrates a profound commitment to minimizing its impact on avian and terrestrial wildlife during the operation of its wind farms. The company has created a Bird Strike Incident Statistics Table to document and analyze relevant occurrences, thereby facilitating the continuous optimization of protective measures. To mitigate the risk of bird misjudging and chasing the blades, matte paint is applied to the surfaces of wind turbine blades, significantly reducing light reflections that could attract birds. Additionally, during severe weather conditions, trained personnel are assigned for thorough inspections, ensuring that any injured birds encountered are swiftly transported to observation stations for emergency care. These proactive initiatives underscore Yaomeng Energy's dedication to fostering harmonious coexistence between wind farms and the surrounding ecological environment.



Matte Paint Applied to the Surface of Wind Turbine Blades



Responsible Operations

Working Together for Shared Success

Indicator	Unit	2024	2025
Investment into supporting industry associations	RMB'000	550	580
Number of service-related complaints received	case	0	0
Customer satisfaction	/	100%	100%
Number of scientific research training activities	activity	18	241
Number of technology innovation awards received during the year	award	39	100
Total number of authorized patents by the end of the year	patent	1,370	1,892

China Power perceives responsible operations as the intrinsic value that unites customers, partners, and society. By driving industrial advancement through continuous technological innovation, the Company fulfills its core commitment to providing a stable energy supply characterized by excellence in quality and reliability. Moreover, China Power deeply embeds ESG principles into its supply chain management. Through strategic collaboration with partners for shared growth, the organization not only ensures robust and efficient business operations but also fosters a mutually beneficial industrial ecosystem, thereby generating sustainable long-term value for all stakeholders.

Responding to the United Nations Sustainable Development Goals (SDGs)



Technology-driven Development

China Power positions technological innovation as the cornerstone of its corporate development, vigorously implementing an innovation-driven strategy to strengthen its innovation capabilities and effectively translate achievements into practical applications. Concurrently, the Company is resolutely committed to advancing the green and low-carbon transformation, as well as fostering high-quality development within the power industry by pursuing significant technological breakthroughs and engaging in ecosystem co-construction. China Power continues to increase its technology investment, allocates resources in a rational manner, and systematically advances the institutionalization and standardization of its technology management operations.

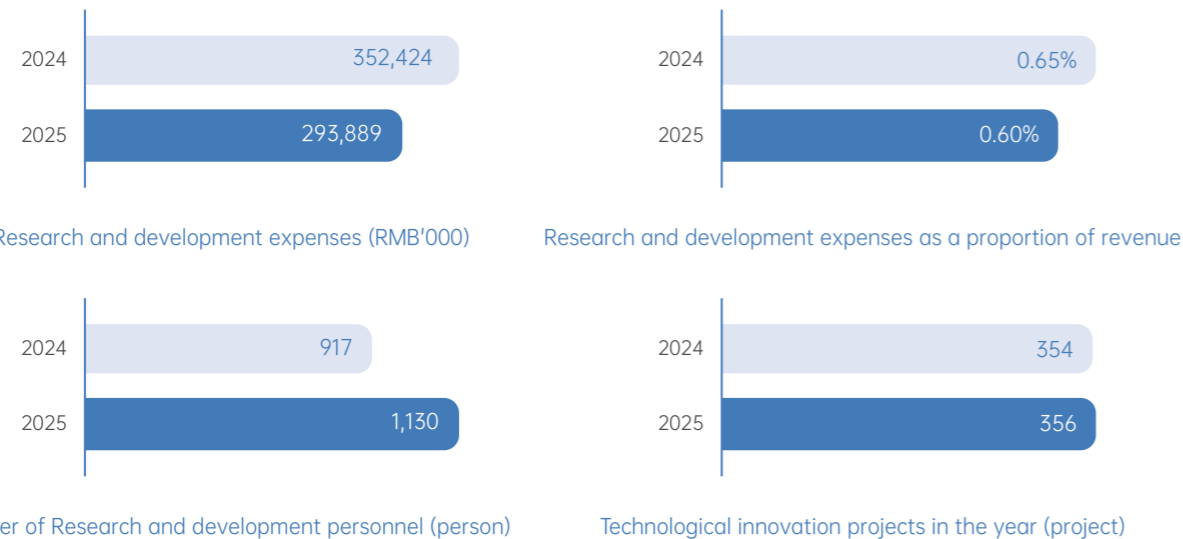
Innovation Framework

China Power has established comprehensive internal policies, including the *Technology Innovation Management Regulations*, the *Implementation Rules for the Management of R&D Project Initiation*, and the *Implementation Rules for the Technology Innovation Performance Evaluation System*. These documents delineate clear workflows and standards for managing technology innovation investments, achievements, and awards. Consequently, they ensure systematic and standardized oversight of scientific research projects, thereby promoting the steady and efficient progress of various technology innovation activities.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Research and development expenses (RMB'000)	228,469	+25% compared with 2022	+28.63% compared with 2022	Achieved

Performance on Technological Innovation



Innovation Planning

China Power has positioned innovation-driven development as its core strategy, demonstrating a steadfast commitment to cultivating a robust technological innovation ecosystem. Building on the technology research systems and platforms established during the 14th Five-Year Plan period, the Company intends to focus on critical areas such as clean coal power, novel energy storage, and digitalization during the 15th Five-Year Plan period. By achieving breakthroughs in core technologies and advancing the industrialization of its innovations, China Power aims to lead the technological evolution and enhance industry standards. Furthermore, the Company plans to strengthen its research and development mechanisms, increase investment, and deepen collaboration among academia, industry, and research institutions. These initiatives will significantly bolster the role of technology in upgrading the main business operations and in advancing strategic emerging industries. This approach will generate substantial momentum towards meeting strategic objectives, including becoming a leader in the energy storage sector by 2030, thereby contributing to the transformation of the national energy structure and enhancing industrial competitiveness.

Innovation Development

Expertise Enhancement

The Group prioritizes the cultivation of technology talent and the enhancement of professional competence. Aligned with actual business needs, it conducts rigorous scientific research and technical training, while organizing internal exchange seminars to stimulate employee innovation and enhance professional skills.

Performance on Scientific Research Training

Indicator	Unit	2024	2025
Number of scientific research training activities	time	18	241
Number of participants in scientific research training activities	person-time	511	2,404
Hours of scientific research training activities	hour	166	2,211

China Power Held 2025 Technology Exchange Seminar

In 2025, China Power convened the Technology Exchange Seminar to clarify the requirements of its scientific research management system and key digital initiatives. Various subsidiaries presented their experiences in scientific research, while invited experts delivered specialized lectures on the commercialization of research achievements. Participants assessed the progress of digital projects, observed practical applications of scientific research such as intelligent robotics and automated testing systems, and engaged in discussions on critical topics, including future technological needs, *Technology-Driven Safety*, and R&D project management. This seminar effectively clarified the strategic direction for subsequent endeavors.

2025 Technology Exchange Seminar Held at China Power

Platform Building

We actively cultivate an innovation ecosystem by continuously strengthening collaborations and exchanges with research institutes, universities, equipment manufacturers, and peers. Through joint research initiatives aimed at addressing critical challenges, we harness external expertise to enhance our internal capabilities, yielding complementary advantages and mutual benefits. Collectively, we establish high-level research and development platforms for scientific and technological innovation, allowing us to effectively navigate the trajectory of emerging technologies. Our focus on collaborative research spans several cutting-edge fields, including electrochemical energy, fire safety, high-end engineering technology development, and the application of advanced materials. This approach not only drives breakthroughs in key industry technologies but also significantly enhances the overall capacity of the industrial chain.

Technological Innovation Platforms Summary

Indicator	Unit	2024	2025
Number of technological innovation platforms established during the year	platform	8	14
National level	platform	0	0
Provincial level	platform	8	9
City level	platform	-	4
Enterprise level	platform	-	1
Number of Industry-university-research cooperation partners	partner	36	70

Innovation Achievements

China Power is committed to achieving high-quality development through technological innovation. By prioritizing the construction of advanced power systems and ensuring energy security, the organization accelerates scientific and technological advancements, continuously strengthening its capacity for technological supply and industrial support.

In 2025, the Company's Electrochemical Energy Fire Safety Joint Innovation Key Laboratory, under the Ministry of Emergency Management, successfully passed acceptance inspections with the highest score nationwide. This accomplishment established the laboratory as a benchmark in the field. China Power was the only central energy enterprise invited to contribute to the development of the national New Energy Safety Risk Identification and Prevention and Control Technology research roadmap for the 15th Five-Year Plan. Furthermore, its subsidiaries, CP Hua Chuang and CP Huayuan were recognized as national-level SDRI "Little Giant" enterprises, specializing in niche sectors and demonstrating exceptional sophistication and innovation.

Technological Innovation Awards Summary

Indicator	Unit	2024	2025
Number of awards for technological innovation during the year	award	39	100
International level	award	-	0
National level	award	-	1
Ministerial and Provincial level	award	-	14
City level	award	-	4
Industrial level	award	-	52
Enterprise level	award	-	29

Standards Development

As a leader in the power industry, China Power plays an exemplary role in continuously driving industry progress. Focusing on new energy technologies R&D such as photovoltaic, storage, charging and thermal power generation and steam turbine operation, and environmental protection and emission control, the Company has formed multiple management documents.

In 2025, the Company successfully contributed to the formulation of the first national product standard in the realm of energy storage fire protection: *General Technical Requirements for Fire Monitoring and Warning Systems for Electrochemical Energy Storage Stations*. This standard serves as a critical foundation for establishing industry safety regulations and is poised to guide the sustainable development of the energy storage sector.

Performance on Standards Development

Indicator	Unit	2024	2025
Number of standards developed during this year	standard	21	36
International standards	standard	-	0
National standards	standard	1	7
Industrial standards	standard	9	5
Local standards	standard	-	0
Group standards	standard	11	17
Enterprise standards	standard	-	7

Intellectual Property Rights

The Group adheres strictly to the *Trademark Law of the People's Republic of China* and the *Patent Law of the People's Republic of China* to protect Intellectual Property Rights and prevent risks. It has established and rigorously enforces the internal measures, including the *Regulations on Intellectual Property Management*. Designated leaders and relevant personnel oversee intellectual property matters, ensuring a standardized management process. In addition to safeguarding against infringements on others' patent rights, China Power actively organizes its intellectual property, effectively protecting its scientific and technological innovations.

We prioritize the commercialization of scientific research achievements. In 2025, we successfully facilitated the application and transformation of the Evaluation System for Chemical Instrument Accuracy at Power Plants within our internal thermal power units. Additionally, we coordinated the internal implementation of the Technology Supervision Management Platform while also generating external licensing revenues. This effort culminated in the successful application of one achievement and the effective transformation and implementation of one patent.

Key Performance In 2025



China Power reported 0 litigation cases related to intellectual property rights.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Conversion of innovation achievements	109 new patents applied for during the year	120 new patents applied for during the year, applied in specific scenarios, and capable of continuously creating value	415 new patents applied for during the year, with technological achievements primarily empowering business and management areas	Achieved

Performance on Intellectual Property Rights

Indicator	Unit	2024	2025
Total number of authorized patents by the end of the year	patent	1,370	1,892
Authorized invention patents	patent	305	530
Authorized utility model patents	patent	1,055	1,338
Authorized design patents	patent	10	24
New patents authorized during the year	patent	293	158
Authorized invention patents	patent	121	72
Authorized utility model patents	patent	169	82
Authorized design patents	patent	3	4
New patents applied for during the year	patent	482	415
Invention patents applied	patent	306	290
Utility model patents applied	patent	168	121
Design patents applied	patent	8	4

Product and Service Quality

China Power remains steadfast in its commitment to quality excellence and reliable supply, establishing a comprehensive quality management and customer service system. Through rigorous quality control and efficient emergency response capabilities, we ensure a stable energy supply while continually enhancing customer satisfaction, thereby fulfilling our responsibilities to both customers and society.

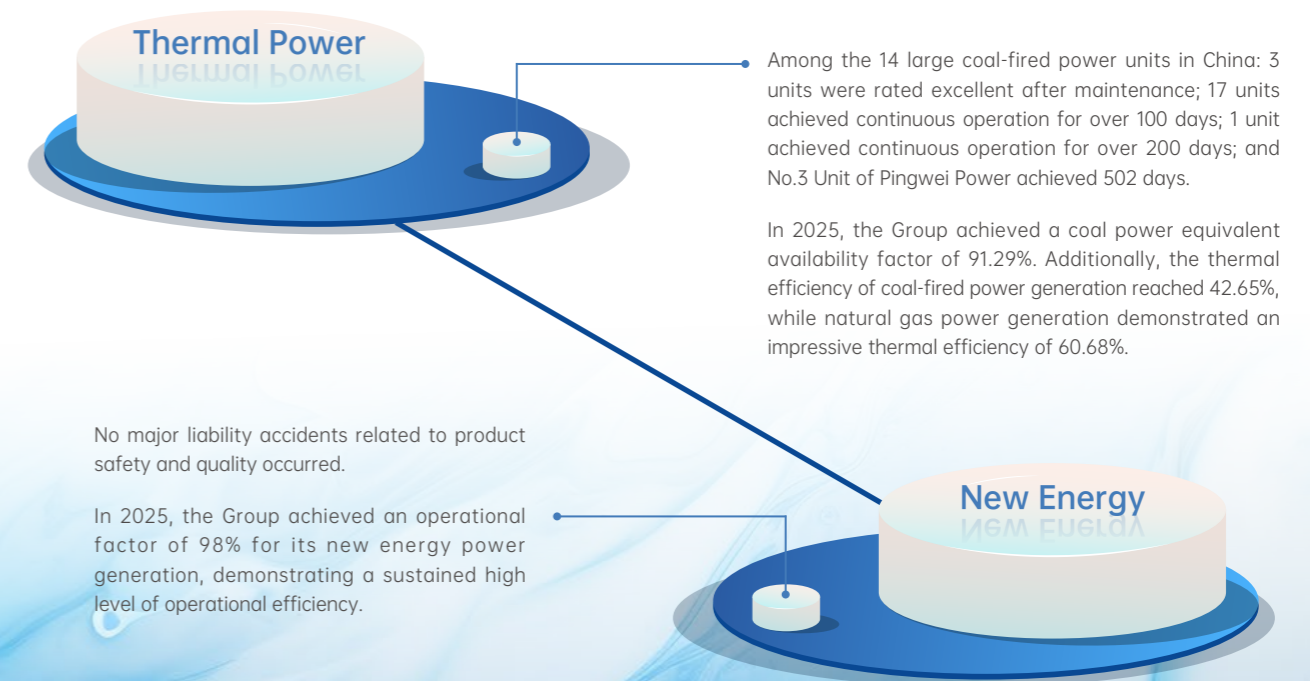
Quality Management

China Power steadfastly upholds the principle of quality first while adopting a customer-centric approach to deliver high-standard products and services. The Company has developed internal policies, including the *Quality, Safety, Health, and Environment Management Manual* and the *Quality Supervision and Management Regulations*. Additionally, it has undertaken specialized measures, such as the *Implementation Measures for Quality Management in Thermal Power Engineering Construction* and the *Measures for Quality Management of New Energy Engineering Construction*. Furthermore, China Power has established a robust quality management network, clearly delineating responsibilities and comprehensively standardizing quality practices to ensure exceptional performance.

During planned maintenance periods, we engage independent third-party quality assurance supervision to enhance the effectiveness of our maintenance management processes. In our daily production and operations, we have established a dedicated technical supervision organization and implemented a digital application platform to oversee technical supervision. This approach enables us to identify and rectify deviations during production management effectively, thereby fostering continuous improvement in our quality management practices.

Key Performance In 2025

the Company and its **61** subsidiaries successfully achieved accreditation under the ISO 9001 Quality Management System Certification.



Reliable Energy Supply

China Power demonstrates a proactive approach in responding to the dynamic external environment and effectively addresses government initiatives. The Company has deployed comprehensive measures to ensure both stable production and reliable supply during critical periods. By employing off-peak coal storage strategies to secure coal supply for power generation and enhancing unit operation supervision and maintenance, China Power guarantees the successful execution of energy supply assurance tasks. These initiatives collectively safeguard the energy needs essential for socio-economic development and the well-being of the populace, resulting in a safe, stable, and dependable energy supply.

Serving National Major Projects



China Power Ensured Reliable Electricity Supply During the "Two Sessions"

In March 2025, during the National People's Congress and the Chinese People's Political Consultative Conference, China Power, a pivotal entity in supplying electricity to the Beijing-Tianjin-Tangshan region, proactively deployed its power supply guarantee plan. The Company undertook several strategic initiatives, including the completion of preventive maintenance on units ten days ahead of schedule, securing a stable supply of coal for power generation, establishing a dedicated task force, and enhancing patrols and monitoring systems. These measures ensured the safe and stable operation of units throughout the guarantee period, effectively fulfilling the power supply mandate. This accomplishment underscores our reliability and commitment as a central energy enterprise, particularly in supporting the electricity needs for significant national events.



Ensuring Supply in Action During the Two Sessions

Responding to Extreme Weather



China Power Coordinated its Subsidiaries to Respond to Extreme Wind Weather and Ensure the Safety of Energy Supply

In April 2025, in response to rare severe winds and convective weather across multiple regions, China Power promptly activated its emergency response mechanism. Subsidiaries in Shanxi, Beijing, Hebei, and several other provinces swiftly organized personnel to conduct comprehensive inspections and implement emergency reinforcements in critical areas, including photovoltaic arrays, plant facilities, outdoor equipment, and docks. Strict adherence to 24-hour duty rosters was ensured throughout this process. By facilitating efficient coordination and executing precise preventive measures, the Company effectively mitigated the impact of extreme weather, thereby ensuring the safe and stable operation of its power generation and supply facilities. This performance highlights China Power's robust emergency response capability and unwavering commitment to addressing natural disasters, thereby fulfilling its responsibility for energy supply security.



Reinforcement of the Boiler Flue External Protective Panel



Fujian Energy Investment Efficiently Responded to Mountain Flood Disaster, Striving to Restore Power Supply in Disaster Area

In August 2025, the Gaohe First-Level Power Station, operated by Fujian Energy Investment in Yingjiang, Yunnan, experienced an acute crisis due to a sudden flash flood and mudslide. In response, the company promptly activated its highest-level emergency response protocol. Following the safe evacuation of all 13 personnel on-site, immediate efforts were undertaken to mobilize repair operations. The repair team worked tirelessly around the clock, utilizing a grid-based management approach to efficiently advance the silt removal and equipment restoration processes. After 20 consecutive days of intensive effort, all three units of the power station were successfully restored and reconnected to the grid for power generation. This decisive emergency response not only mitigated significant safety risks but also facilitated the rapid restoration of the power supply in the border region.



Fujian Energy Investment Strived to Restore Power Supply in Disaster Area

Meeting Peak Summer Demand

China Power's Coordinated Deployment Successfully Completed Power Supply Tasks for Summer Peak and Major Events

In response to the challenges posed by extreme weather and record-high electricity demand during the summer of 2025, China Power established an energy supply guarantee leading group to systematically deploy and rigorously implement the *Energy Supply Guarantee Work Plan for Meeting Peak Summer Demand*. This proactive approach laid a solid safety foundation through enhancements to the unplanned outage prevention and control mechanism, the timely completion of unit maintenance, and an intensified focus on hazard identification and rectification. Furthermore, we diligently supervised its production units' operations to ensure a stable fuel supply and the reliable functioning of equipment. As a result, it successfully fulfilled critical political power supply obligations, including support for the military parade commemorating the 80th anniversary of the War against Japan Resistance and the Tianjin Summit of the Shanghai Cooperation Organization. This performance robustly demonstrates the steadfast responsibility and commitment of a central energy enterprise, solidifying its position as a vital top pillar of energy provision.



China Power Successfully Ensured Summer Peak Supply

Customer Service

China Power demonstrates a proactive approach to adapting to market development trends by enhancing its research on policies related to electricity system reform. Through adopting supply-side structural reforms to promote business innovation and improving operational and guarantee mechanism, the Company actively responds to market dynamics and customer needs. China Power empowers its clients and explores innovative development pathways, thereby enhancing its service awareness and consistently strengthening its brand influence and market competitiveness.

Protection of Customers Rights and Interests

We adhere strictly to the *Law of the People's Republic of China on the Protection of Consumers' Rights and Interests*, ensuring comprehensive follow-up and feedback on customers' after-sales management, information maintenance, and user visits. Our goal is to prevent deviations in users' power consumption due to subjective factors like improper management, provide value-added services, and strictly adhere to all provisions on project duration and quality management.

Customer Privacy Protection

We are committed to upholding the legitimate rights and interests of our customers. Guided by the ISO/IEC 27001 information security management system and supported by our cybersecurity and information security management framework, we have established internal protocols to safeguard customer information confidentiality, ensuring that all data obtained during business activities remains strictly confidential. Additionally, we have implemented a robust risk management and security audit mechanism, conducting regular comprehensive information security inspections and evaluations. This proactive approach allows us to promptly identify and address potential security vulnerabilities, effectively mitigating information security risks.

Key Performance In 2025



the Group reported **0** incidents of customer privacy data leakage.

Customer Service Activities

In 2025, we undertook an activity program that emphasizes four key areas: enhancing service quality, promoting brand awareness, fostering business innovation, and strengthening capacity building. We organized all subordinate units to officially initiate the 2025 Customer Service Month. By conducting follow-up visits to existing cooperative user units and engaging in face-to-face dialogues to gather customer feedback, alongside offering diverse customer services, we aimed to further meet user needs. This collaborative approach facilitated mutual benefit and symbiosis with our customers, driving us toward shared development and success.

Customer Satisfaction

The Company has developed the *Customer Satisfaction Survey Management Measures* and conduct annual satisfaction surveys among electricity customers. This survey covers key indicators such as service quality, effectiveness, timeliness, and the handling of complaints, along with identifying cooperation needs. These efforts enhance the service experience and broaden the Company's brand influence. Additionally, the Company has implemented a comprehensive complaint handling mechanism that treats all customers with transparency and fairness. We guarantee a prompt response and efficient handling of user issues, with domestic complaints responded to within two hours and international complaints responded to within 24 hours.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Service quality and customer satisfaction	99% Customer satisfaction	Customer satisfaction achieved 99%	100% Customer satisfaction	Achieved

Performance on Customer Service

Indicator	Unit	2024	2025
Number of service-related complaints received	case	0	0
Customer satisfaction	/	100%	100%

Responsible Supply Chain

China Power is dedicated to establishing a sustainable and highly resilient supply chain. Guided by the mission of ensuring standardization, quality, supply, cost reduction, and efficiency enhancement, the Company adheres to principles of centralized control, centralized management, efficient coordination, and information sharing. This commitment is reflected in its objective to create a lean, collaborative, internationalized, smart, and green supply chain. Furthermore, China Power seamlessly integrates ESG principles into its supply chain management by regularly identifying and assessing major environmental and social risks in supply chain segments including fuel supply, production materials, equipment and spare parts procurement, construction projects, and operation and maintenance services. Moreover, targeted management was applied into supplier management processes such as procurement review and performance assessment. The Company empowers its suppliers to enhance their capabilities and collaborates with them to develop a responsible and trustworthy supply chain ecosystem.

Establishing Sustainable Supply Chain

The Company has revised its internal policies, including the *Supply Chain Management Regulations*, the *Supplier Management Measures*, and the *Fuel Supplier Management Measures*. In 2025, it issued the [Supplier Code of Conduct](#). This initiative standardizes suppliers' ESG management practices and performance metrics, enabling the selection of business partners that align with the Company's values and developmental goals. Consequently, it fosters long-term, stable, and mutually beneficial cooperative relationships.

<p>Transparent Procurement</p>	<p>We have established a blacklist management system for suppliers found to be engaged in bribery or other unethical practices aimed at gaining benefits from the Company. Engagement with suppliers on this blacklist will be promptly terminated, preventing their participation in any procurement activities henceforth.</p> <p>Business negotiations present a valuable opportunity to reinforce the importance of integrity among suppliers. Prior to the signing of contracts, all suppliers are mandated to voluntarily sign an <i>Integrity Agreement for Commercial Contracts</i>. Throughout the contract's duration, suppliers are expected to adhere to the anti-corruption laws and regulations of business locations. Furthermore, they must implement the Company's anti-corruption requirements and comply with established anti-corruption policies and corresponding operational mechanisms.</p>
<p>Green Procurement</p>	<p>In business collaborations that emphasize environmental protection, suppliers must commit to prioritizing products and services featuring energy-saving, environmentally friendly, and sustainable attributes. Furthermore, they are expected to focus on offering items that are recyclable, biodegradable, or easily disassembled for recovery, thereby minimizing environmental impact throughout the product lifecycle.</p>
<p>Responsible Procurement</p>	<p>Conduct "health check" on bidding suppliers. If a bidder is found to have previously faced penalties from relevant government authorities for labor rights violations, the bidder will be either disqualified or have points deducted, in alignment with Company policies.</p>

Supply Chain Management Mechanism

China Power is committed to fairness, justice, and transparency in its supplier selection process. The Company employs various methods, including public tendering and price inquiries, to ensure an equitable approach. A systematic and transparent supplier development and evaluation system has been established to minimize environmental and social risks in the supply chain across all management processes. The Company issued the [Supplier Management Policy](#) to continuously strengthen its supplier management mechanism covering all processes. Through these measures, China Power is dedicated to fostering a transparent, healthy, and efficient procurement and supply chain management system.

Supplier Management Mechanism

Admission

In the admission process, the Company evaluates suppliers' performance based on credit qualifications, quality assurance, performance capabilities, legal compliance, and business relevance, aligning these criteria with specific procurement categories. We require suppliers to submit information regarding their certifications in areas such as environmental protection, quality management, and occupational health and safety, and we include those who meet our standards in the List of Qualified Suppliers.

Procurement and Contracting

China Power integrates ESG-related indicators into the qualification requirements and evaluation criteria of its tender procurement process, assigning them a specific weight to prioritize suppliers demonstrating exemplary ESG performance. The procurement team meticulously reviews the environmental and social compliance documents submitted by suppliers and conducts on-site assessments as needed, consistently adhering to recognized standards such as ISO 14001 and ISO 45001 during the evaluation process.

In key business collaborations that involve environmental protection requirements, the Company specifies relevant environmental certifications as essential qualification criteria; suppliers who do not meet these criteria will be disqualified in this cooperation. Additionally, suppliers engaging in the tender procurement process are mandated to sign an *Environmental, Social and Governance (ESG) Statement* and promise to adhere to the Company's *Supplier Code of Conduct*.

Assessment and Evaluation

The Company conducts regular performance evaluations of all suppliers involved in procurement activities, adhering to the principles of dynamic updates and annual evaluations. Evaluation outcomes are derived from comprehensive desk assessments, resulting in the classification of suppliers into distinct tiers. Suppliers exhibiting a high degree of specialization, substantial market acceptance, a longstanding history of collaboration, or those that have entered into strategic cooperation agreements with the Company, and who have evidenced commendable performance through evaluations, are duly included in the Company's list of strategic suppliers.

The Company regards contracted suppliers as key suppliers and conducts regular supervision and inspection on key suppliers. The inspection covers the implementation of the *Environmental, Social and Governance (ESG) Statement*, the enforcement of anti-corruption policies, and other aspects.

The Company actively delivers knowledge training, capacity-building support, and corrective action assistance to its key suppliers. It mandates that suppliers develop comprehensive environmental protection plans to ensure that waste gas, wastewater, and construction-generated waste are managed in strict compliance with all legal and regulatory requirements.

Supplier misconduct and exit management

The Company has compiled a list of suppliers exhibiting improper behaviors and implements a graded punishment system for illegal and unethical actions, including bid rigging, fraud, and improper performance. We utilize two evaluation methods: One Order One Evaluation and Multiple Orders Summary²⁵. Upon identifying violations of the *Supplier Code of Conduct*, the Company will take appropriate measures commensurate with the severity of the infraction. These measures may include warnings, mandated rectifications within a designated timeframe, suspension of cooperation, or termination of the partnership.

In 2025, the Company identified and addressed serious misconduct among 305 suppliers, thereby significantly enhancing the integrity of the supply chain environment.

²⁵ One Order One Evaluation means one evaluation is conducted for each individual order. Multiple Orders Summary means evaluations are made for multiple orders separately and then make a summary to form the final supplier evaluation result.

Achievement of Short-term Goals of ESG Strategy

Indicator	2022 (Baseline Year)	2025 Target	2025	Target Achievement
Supplier fulfillment management	-	Building a supplier ESG evaluation standard system	Incorporate ESG-related indicators into the qualification requirements and evaluation criteria of its tender procurement process	Achieved

Performance on Suppliers Management

Indicator	Unit	2024	2025
Suppliers subject to Supplier Management Procedure	supplier	7,158	7,846
Suppliers screened according to environmental and social criteria	supplier	5,399	5,842
Proportion of suppliers screened according to environmental and social criteria	/	75.43%	74.46%
Critical risk incidents in the supply chain	incident	0	0
Suppliers involved in critical supply chain risk incidents	supplier	0	0
Persons involved in critical supply chain risk incidents	person	0	0

Performance on Suppliers Management

In 2025, the Group engaged with a diverse array of 7,846 suppliers²⁶ across multiple categories, including fuel procurement, infrastructure construction, production and informatization projects, office supplies, management consulting services, and scientific research initiatives.

Suppliers Number and Distribution

Indicator	Unit	2024	2025
Number of suppliers	supplier	7,158	7,846
Number of domestic suppliers	supplier	7,091	7,832
Percentage of domestic suppliers	/	99.06%	99.82%
Of which: Suppliers in North China	supplier	1,085	1,162
Suppliers in Central China	supplier	1,143	1,168
Suppliers in East China	supplier	1,833	2,150
Suppliers in South China	supplier	963	941
Suppliers in Southwest China	supplier	915	1,199
Suppliers in Northwest China	supplier	675	778
Suppliers in Northeast China	supplier	477	434
Number of offshore suppliers	supplier	67	14
Percentage of offshore suppliers	/	0.94%	0.18%
Number of suppliers withdrawn	supplier	814	858

Supplier Training

China Power is committed to fostering the growth of its suppliers through comprehensive training programs. By taking targeted supplier training initiatives, the Company cultivates mutually beneficial and collaborative relationships that drive development. Concurrently, we invest in regular training for procurement management personnel and other internal stakeholders to define their ESG management responsibilities, ensuring ESG-related risks in the supply chain are fully managed and controlled, and relevant work requirements are effectively implemented.

Performance on Supplier Training

Indicator	Unit	2024	2025
Number of supplier training or capacity building activities	time	4,724	3,632
Coverage rate of supplier training or capacity building activities	/	60.42%	57.58%

²⁶ All refer to direct suppliers providing products or services to China Power and its subsidiaries.



People-orientation

Safeguarding Employee Rights and Interests

Indicator	Unit	2024	2025
Overall employee turnover rate	/	3.13%	2.72%
Total hours of employee training	hour	1,202,518	1,445,960
Average employee training hours	hour	81	87
Total number of activities conducted for employee care and support	time	974	2,081
Coverage rate of occupational health examinations	/	100%	100%
Number of campaigns to spot safety hazards	time	3,341	7,261

China Power values the rights and value of every employee, and is committed to building an equitable, safe, growth-oriented, and respectful work environment. We safeguard fundamental rights through institutional arrangements, promote fairness through diversity and inclusion, and empower the future through sustainable development—enabling every employee to realize their value on our platform, share in the fruits of development, and jointly advance toward a sustainable future.

Responding to the United Nations Sustainable Development Goals (SDGs)



Respecting Employee Rights and Interests

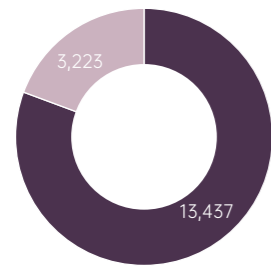
China Power adheres to a people-oriented management philosophy, prioritizing the protection of employees' legitimate rights and interests as fundamental to corporate development. The Company is dedicated to fostering harmonious and stable labor relations through systematic institutional designs and continuous management practices, ensuring that every employee operates and develops in a fair, respectful, and safe environment.

Employee Structure

Employee Composition Data

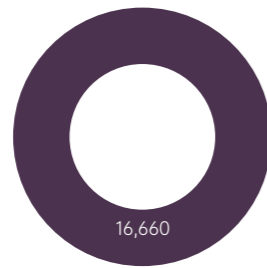
Total employees **16,660** persons

Employees by gender (person)



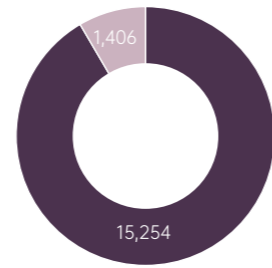
Male Female

Employees by contract type (person)



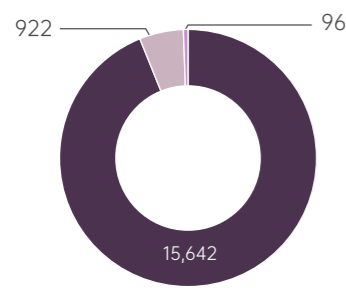
Full-time
Part-time (0)
Internship (0)

Employees by ethnic group (person)



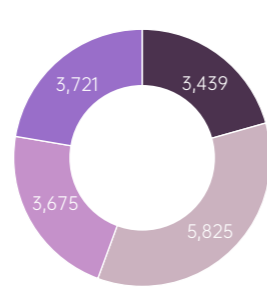
Non-minor ethnic groups
Minor ethnic groups

Employees by job position (person)



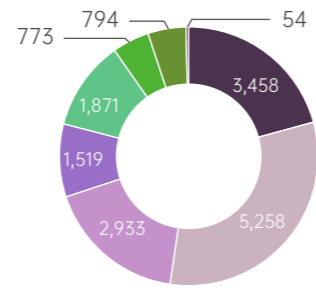
General employees
Middle management
Senior management

Employees by age group (person)



≤29 years old
30-39 years old
40-49 years old
≥50 years old

Employees by region (person)



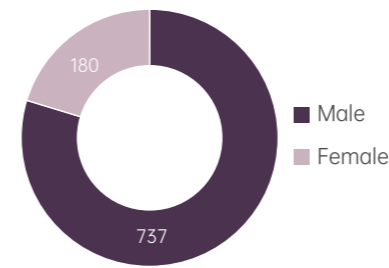
North China Central China East China
South China Southwest China Northwest China
Northeast China Offshore
(including HKSAR, Macao SAR and Taiwan province)

Employee Recruitment Data

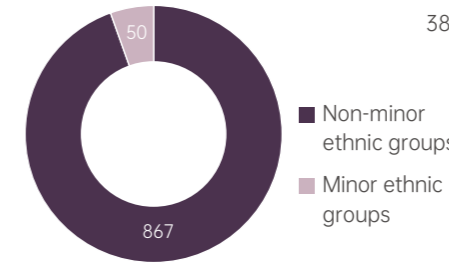
Number of new employees **917** persons

Percentage of new employees to total employees **5.50%**

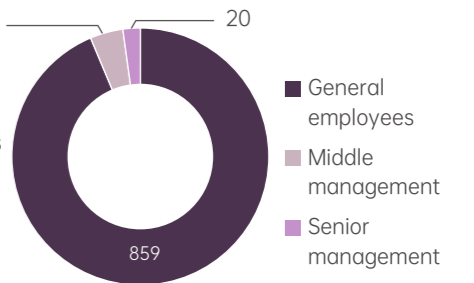
New employees by gender (person) New employees by ethnic group (person) New employees by job position (person)



Male
Female

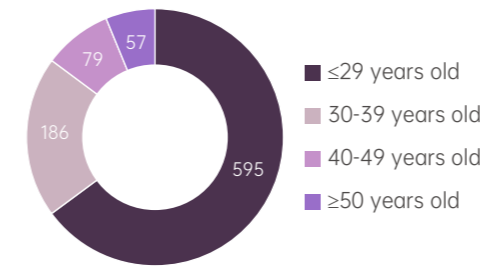


Non-minor ethnic groups
Minor ethnic groups



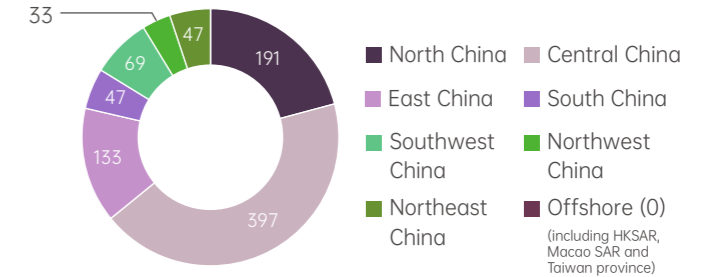
General employees
Middle management
Senior management

New employees by age group (person)



≤29 years old
30-39 years old
40-49 years old
≥50 years old

New employees by region (person)

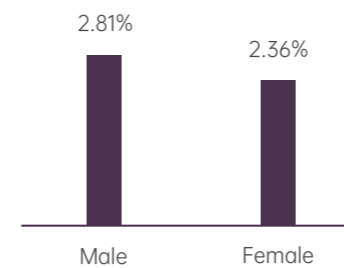


North China Central China East China South China
Southwest China Northwest China
Northeast China Offshore (0)
(including HKSAR, Macao SAR and Taiwan province)

Employees Turnover Data

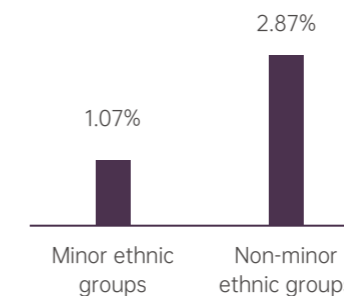
Overall employee turnover rate²⁷ **2.72%**

Employee turnover rate by gender



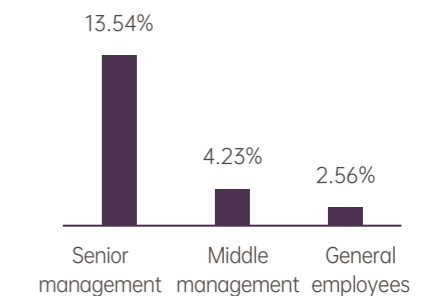
Male Female

Employee turnover rate by ethnic group



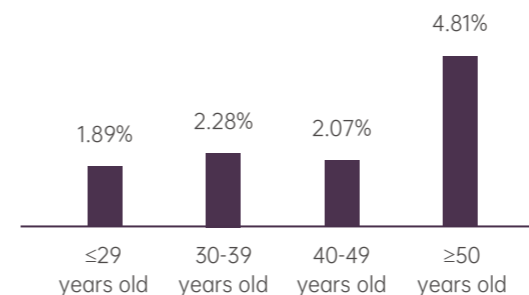
Minor ethnic groups Non-minor ethnic groups

Employee turnover rate by job position



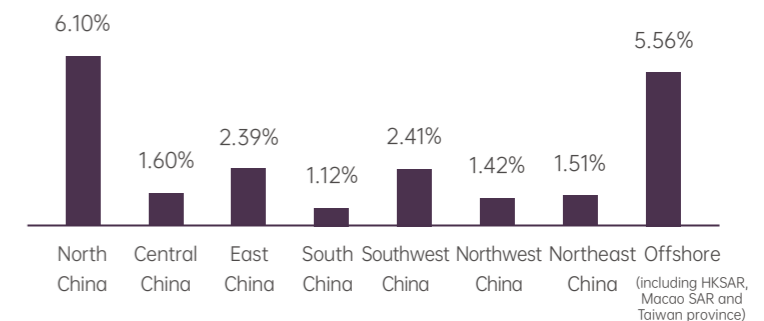
Senior management Middle management General employees

Employee turnover rate by age group



≤29 years old 30-39 years old 40-49 years old ≥50 years old

Employee turnover rate by region



North China Central China East China South China Southwest China Northwest China Northeast China Offshore
(including HKSAR, Macao SAR and Taiwan province)

²⁷ Number of turnover employees refers to the number of employees who have terminated their employment relationship with the Group during the reporting period due to voluntary resignation, retirement, or death. The turnover rate for each category = Number of turnover employees in that category ÷ Total number of employees in that category × 100%.

Protecting Employee Rights and Interests

China Power is committed to safeguarding employee rights and interests, as evidenced by its public release of the **Employee Rights Protection Commitment**. The Company adheres to key international conventions, including the United Nations' *Universal Declaration of Human Rights* and the *International Covenant on Economic, Social and Cultural Rights*. Additionally, China Power actively upholds the International Labor Organization (ILO) *Declaration on Fundamental Principles and Rights at Work*, thereby establishing a robust and sustainable framework for the protection of employee rights.

Lawful Employment

The Group adheres rigorously to relevant laws and regulations, including the *Labor Law of the People's Republic of China* and the *Labor Contract Law of the People's Republic of China*, the *Provisions on the Prohibition of Using Child Labor*, and the *Employment Ordinance of Hong Kong*. It has implemented a robust system for protecting labor rights, which strictly prohibit illegal labor practices, child labor, and forced labor. Furthermore, the Group ensures that employee remuneration meets or exceeds the local living wage standards. In 2025, the Group reported no incidents of child labor or forced labor, effectively mitigating and controlling related risks.

Institutional Guarantee

The Company has formulated policies such as the *Employee Recruitment Management Measures* and the *Employment Contract Management Measures* to standardize employment practices, guarantee wage payment, and prohibit the use of illegal labor and child labor, as well as forced labor.

Employment Compliance Review

The Company conducts a thorough employment compliance review for all new candidates during the application process. After both parties confirm the intention of employment, all new employees are required to present valid identification and the Company verifies their age, ensuring compliance with both local laws and the Company's regulations.

Ongoing Compliance Review

The Company conducts regular reviews of its employment situation. It compiles statistics on necessary employee information and labor relations status, examines labor contracts for clauses that may violate legal provisions, and identifies any current or potential labor disputes.

Violation Reporting and Appeal

The Company actively solicits opinions and appeals from employees and internal and external stakeholders regarding potential illegal employment practices and has comprehensive procedures for appeal, investigation, and handling.

Compliance Employment Awareness and Promotion

The Company consistently delivers legal employment training for pertinent managerial staff and frontline employees. It disseminates information regarding the prohibition of child labor and forced labor through multiple channels, including the internal website, bulletin boards, and regular newsletters.

Response to Labor Incidents


In the occurrence of illegal employment incidents, the Company will address such issues in strict accordance with applicable laws and regulations. We will impose severe penalties on those responsible and take appropriate legal measures to comprehensively protect the legitimate rights and interests of our employees.

Diversity and Equality

China Power upholds the principle of equal employment opportunity, as articulated in its *Employee Rights Protection Commitment*. This commitment unequivocally rejects gender bias, supports equitable opportunities, and opposes discrimination and harassment, promoting workforce diversity. We enforce a non-discriminatory remuneration policy that guarantees equal pay for equal work, alongside equal access to development opportunities for all employees. Recruitment, promotion, training, and other career advancement initiatives are determined solely by individual abilities and performance, without regard to religious beliefs, family background, gender, or health conditions.

We have officially introduced our **Diversity Policy**, which integrates gender diversity management into our recruitment, selection, and employee management practices. We prioritize gender equality and actively enhance opportunities for women's participation and advancement in leadership positions. By establishing clear diversity targets to elevate the representation of women in leadership, we conduct regular training on diversity policy for all employees, thus fostering a robust and inclusive corporate culture.

Gender Diversity Progress

Indicator		Unit	2024	2025	2030 (Target Year)
Senior management	Total number	person	81	96	 9%-11%
	Female	person	5	7	
	Female percentage	/	6.17%	7.29%	
Administrative staff	Total number	person	4,380	5,052	 33%-35%
	Female	person	1,430	1,763	
	Female percentage	/	32.65%	34.90%	
Technical staff	Total number	person	10,315	11,512	 13%-15%
	Female	person	1,313	1,453	
	Female percentage	/	12.73%	12.62%	

Democratic Management

China Power is committed to enhancing its democratic practices by implementing the *Regulations on the Management of Workers' Congress* and continuously refining its trade union organization and framework. The Company has established two-way communication channels that facilitate the transmission of information from management to employees while also capturing employee feedback. This approach creates a closed-loop communication system. By soliciting employee opinions and suggestions, China Power assures that employees' rights to information, participation, expression, and oversight are robustly protected.

Communication and Grievance Channels

China Power actively enhances the effectiveness of diverse employee communication mechanisms, fully utilizing the trade union's essential role as a bridge. Through various channels, including the SPIC-Home, Speak Out column, factory affairs disclosures, employee representative proposals, rationalization suggestion campaigns, and reporting mailboxes, the Company promptly addresses employee demands while maintaining open avenues for suggestions and innovative ideas.

The Company consistently enhances its employee grievance management procedures. During the reporting period, it revised and upgraded the *Employee Grievance and Appeal Management Procedures*, delineating the responsible departments and handling procedures for various issues, including labor employment, unfair treatment (such as harassment and discrimination), and remuneration and benefits. Additionally, the Company established a robust mechanism for submitting and addressing grievances. It implements comprehensive protective measures for grievants, ensuring the confidentiality of relevant personnel information, thereby safeguarding employee rights and interests effectively.

Performance on Employee Communication Management

Indicator	Unit	2025
Number of employee suggestions collected	suggestion	1,090
Number of employee suggestions adopted and implemented	suggestion	874

China Power Convened Workers' Congress to Implement Employee Democratic Management

In January 2025, China Power convened the Third Session of the Second Workers' Congress and 2025 Work Meeting. This significant gathering attracted over 400 attendees, including senior management and employee representatives. The session reviewed and approved various resolutions from the Workers' Congress, and facilitated group discussions among employee representatives to gather insights and suggestions regarding the Company's strategic direction and key priorities. This meeting exemplified the effective implementation of a democratic management system, reinforcing employees' rights to information, participation, and oversight. By harnessing collective wisdom, it bolstered employees' sense of belonging and strengthened organizational cohesion.



China Power Convened the Third Session of the Second Workers' Congress and Annual Work Meeting

Employee Satisfaction Management

China Power is dedicated to enhancing the work experience through systematic evaluation and improvement measures. The Company conducts an annual employee satisfaction survey, the results of which are publicly disclosed. Specific indicators are established to measure various dimensions of employee satisfaction, including the work environment, career development, remuneration and benefits, and teamwork. This comprehensive approach facilitates a deeper understanding of employees' job satisfaction, sense of purpose, well-being, and stress levels, as well as their demands and expectations. To address identified issues, the Company forms dedicated improvement teams that formulate and implement targeted strategies aimed at refining relevant management and operational processes, ultimately enhancing employee satisfaction. Notably, the survey process is designed to be fully anonymous, alleviating employee concerns and bolstering the authenticity of the results.

Key Performance
In 2025

the Company collected

12,437

valid questionnaires for employee satisfaction

achieving an employee satisfaction rate of

97.9%

Remuneration and Benefits

China Power consistently enhances its remuneration and benefits system to maintain a balance between external competitiveness and internal equity. This system fully reflects the value of employees' positions and performance, thereby fostering shared value between the Company and its workforce.

Remuneration System

The Company has developed a systematic and standardized remuneration framework that adeptly balances external competitiveness with internal equity. Remuneration benchmarks are established based on job value and are closely aligned with individual performance as well as the Company's overall operational efficiency. This framework creates a comprehensive reward mechanism that integrates short-term incentives with long-term security, thereby effectively motivating employees to perform at their best.

Benefits Guarantees

The Company contributes to social insurance for each employee at the mandated amounts and intervals, in strict accordance with national regulations, thereby ensuring all benefits are compliant and manageable. Concurrently, it enhances employee welfare by offering a comprehensive array of benefits, including Enterprise Annuity, supplementary medical insurance, holiday benefits, meal allowances, heating subsidies, and high-temperature subsidies. These measures significantly bolster employees' sense of well-being and fulfillment. Moreover, the Company provides paid annual leave benefits that surpass the stipulations outlined in the Labor Law. To further empower employees in effectively managing their rest periods, the Company permits the extension of any unused annual leave from the current year into the first quarter of the following year, thereby solidifying employees' rights to adequate rest.

The Company prioritizes the welfare of its female employees by implementing robust safeguard measures to protect their rights and interests during pregnancy, childbirth and breastfeeding. Full monthly salaries are provided during maternity leave in accordance with standard remuneration practices. Furthermore, the Company maintains dedicated nursing rooms and childcare facilities for pregnant and postpartum women, conducts maternity visits, and offers consolation payments. It also ensures full compliance with social maternity insurance requirements for all employees in Chinese mainland, thereby guaranteeing that employees receive the high-level maternity allowances mandated by national regulations.

In 2025, the Company introduced a supplementary medical insurance plan named Yinling Ankang specifically designed for retired employees at its headquarters. This initiative established a comprehensive health protection system that integrates coverage within the medical insurance framework, external benefits, and health management services. As a result, it provides multi-faceted, compassionate health support for retired employees.

Empowering Employee Growth

China Power is dedicated to establishing a comprehensive and systematic support system for employee growth. The Company successfully attracts talent through diverse channels and empowers employees through well-developed training resources and practical projects. By seamlessly integrating employee development and incentives into the Company's strategic framework and personal value realization, China Power cultivates an environment that enables individuals to fully leverage their talents and grow collaboratively. This approach lays a robust talent foundation for achieving high-quality corporate development.

Talent Introduction

China Power consistently enhances its talent acquisition mechanisms while broadening its recruitment channels. The Group prioritizes core business areas and critical technological research directions, implementing multifaceted recruitment strategies to attract specialized professionals in corporate governance, ESG, legal affairs, auditing, and electrochemical energy storage.

Talent Introduction



- The Company continues to deepen strategic cooperation with universities and actively builds a reserve of young talent by organizing special presentation sessions, participating in dual-selection career fairs, and implementing internship and apprenticeship programs for university students.
- In 2025, the Company successfully recruited 374 outstanding graduates across various majors through campus recruitment channels.



- In 2025, the Company recruited eight professional talents through open social recruitment channels, strategically targeting emerging businesses and key functional areas to effectively address critical capability gaps.



- The Company is committed to optimizing the allocation of our internal human resources. By facilitating open recruitment within the SPIC system, it ensures employees gain valuable career development opportunities across various units and fields.
- In 2025, the Company selected and hired a total of 869 employees through internal recruitment channels.



- The Company actively promotes two-way secondments and temporary assignments between headquarters and subsidiaries, enabling the fluid exchange of talent in critical areas, such as thermal power, new energy, and emerging industries.
- In 2025, the Company strategically selected 16 key management and professional personnel from headquarters for secondments to subsidiaries, while also identifying 40 exceptional young talents and core business staff from subsidiaries to gain invaluable experience at headquarters.



China Power Successfully Organized Four Campus Recruitment Information Sessions for 2026 Graduates

In September 2025, China Power effectively organized campus recruitment sessions at four prestigious universities, including Tsinghua University and Peking University. This initiative engaged nearly 170 subsidiaries of SPIC and garnered thousands of high-quality resumes on-site. This effort represents a crucial step in implementing the Company's talent strategy, attracting young talent and infusing new energy into the Company's high-quality development.



Career Fair organized by China Power at Tsinghua University

Talent Cultivation

In alignment with its talent reserve development strategy, China Power implements the *Education and Training Management Measures* to establish a first-class talent team. The Company meticulously designs training programs and annual training plans that encompass comprehensive quality training, professional knowledge enhancement, job skills development, and specific training for young leaders. By tailoring these initiatives to various employee positions and levels, China Power continuously innovates its methods and approaches to cultivate talent effectively.

Training Programs

China Power is committed to building a comprehensive training resource system that supports the continuous enhancement of employee capabilities. The Company has established an internal trainer development framework, utilizing the Zhixiang Cloud Classroom online learning platform to effectively disseminate management expertise and professional knowledge. The construction of practical training bases is progressing steadily, with several facilities receiving certification from local authorities. Furthermore, China Power advances school-enterprise collaborations through a joint training model for engineering master and doctoral candidates. This initiative involves the co-development of professional courses and digital teaching materials that address cutting-edge fields such as renewable energy and energy storage, as well as converting typical corporate cases into practical training resources. Ultimately, this approach creates a joint training mechanism that integrates theoretical instruction and practical application, thereby facilitating the systematic growth and skill enhancement of employees.

2025 Employee Training Highlights

New Employee Onboarding and Integration Training

▶ The Company has established a comprehensive onboarding training program for our 2025 graduate hires, encompassing essential courses on corporate culture, development strategies, work safety, and career advancement. Additionally, the Company has facilitated frontline learning experiences to enhance their understanding of company's production and operations, enrich practical experience, and guide new graduates in accelerating their role transformation while strengthening their identification with the corporate culture.

Leadership and Strategic Thinking Enhancement

▶ The Company has systematically implemented leader and key talents cultivation programs, conducting comprehensive leadership training that encompasses corporate strategy, ESG governance, and compliance risk management. This initiative has facilitated over 100 management personnel and emerging leaders at all levels, significantly enhancing their strategic understanding, business acumen, and team leadership capabilities.

Professional Skills Competitions and Practical Training

▶ The Company organized participation in multi-level industry skills competitions and internal skill contests, establishing an effective practical training platform. The Company's participating teams performed outstandingly in industrial and SPIC competitions, winning 14 industry team awards and seven SPIC corporate team awards.

All-staff Basic and Regular Learning

▶ The China Power Lecture Hall and multi-field thematic training initiatives were implemented successfully, facilitating regular learning via the Zhixiang Cloud Classroom online platform. Over the year, the Company has organized 59 diverse professional training, engaging more than 5,600 participants. This comprehensive approach ensured nearly universal training coverage within the Company.

Core Technical Talent Master-Doctor Joint Training

▶ The Company has formulated and implemented the *Management Measures for Engineering Master and Doctoral Training*. In 2025, three on-the-job engineering doctoral students and four reserve candidates were effectively selected. This initiative has established a virtuous cycle of talent development, characterized by the cultivation, reservation, and utilization of high-end engineering talent.

Shandong Company Conducted Qihang Graduate Training

Shandong Company systematically enhances the capabilities of its talent team. For new employees, it conducts high-quality Qihang Graduate Induction Training, thereby establishing a comprehensive training system that addresses the entire career cycle. This approach effectively bridges capability gaps, strengthens internal knowledge transfer, and provides robust, sustainable support for the execution of corporate strategies and business development.



Shandong Company 2025 Graduate Training

Performance on Employee Training

Indicator	Unit	2024	2025
Total investment in employee training	RMB'000	101,898.2	87,746.6
Total hours of employee training	hour	1,202,518	1,445,960
Number of employee training participants	person-time	219,872	358,446
Average employee training hours	hour	81	87
Employee training coverage rate by type			
Senior management	/	100%	100%
Middle management	/	100%	100%
General employees	/	100%	100%
Administrative staff	/	100%	100%
Technical staff	/	100%	100%
Male employees	/	100%	100%
Female employees	/	100%	100%
Average employee training hours by type			
Senior management	hour	69	205
Middle management	hour	111	136
General employees	hour	80	83
Administrative staff	hour	61	94
Technical staff	hour	89	83
Male employees	hour	71	88
Female employees	hour	126	83

Skill Enhancement

The Company guides and encourages all employees, including part-time and contract workers, to pursue on-the-job academic degree education and certifications, such as vocational skill level certificates, professional title certificates, post certificates, and practice certificates. Employees who successfully obtain professional qualifications mandated by national regulations or recognized international certifications—such as legal professional qualifications, certified public accountants, and registered safety engineers (intermediate level or above, excluding vocational technical titles)—are rewarded. In 2025, the number of applicants for professional titles increased by 31.77% year on year, with 449 individuals successfully passing the intermediate professional title reviews, marking a record high. Additionally, the number of applicants for highly skilled talent surged by 200%, with a total of 481 individuals passing evaluations at the senior worker level and above throughout the year.

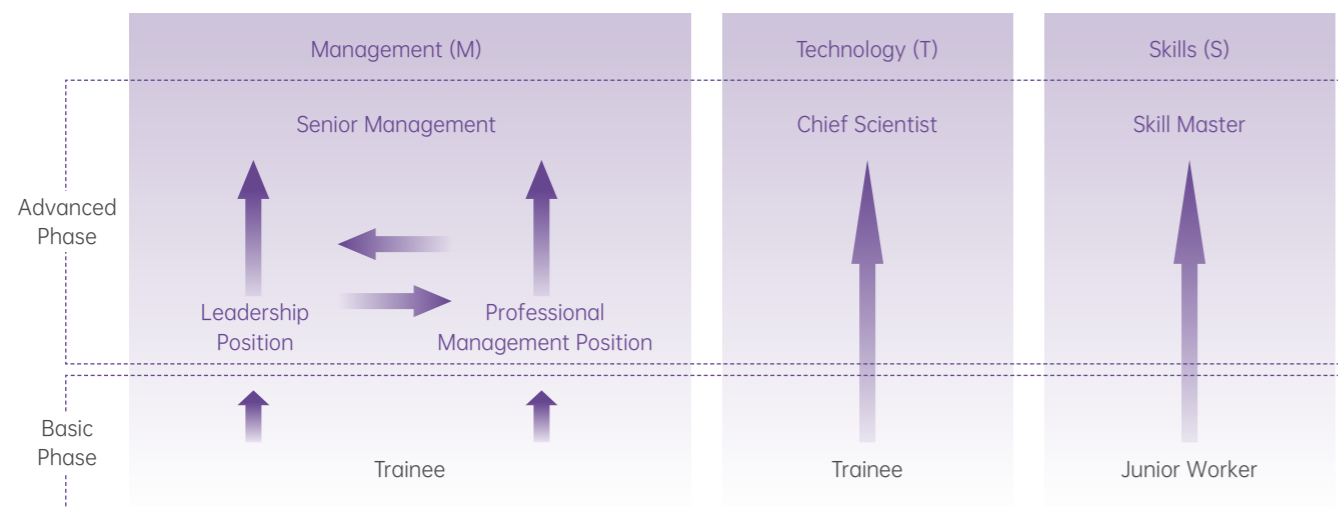
2025 Highlights of Employee Skills Enhancement

Measure	Outcomes
Improve the "Training + Evaluation" System for High-Skilled Talents	To enhance the internal evaluation system for professional technical titles and skill levels, the Company has innovated the "training + evaluation" model. The Company conducted capability evaluation and certification training targeted at high-skilled talents across various specialties, including thermal power, hydropower, and electricity trading, as well as technical supervision specialties encompassing nine major areas. A total of 332 participants engaged in the evaluation training for high-skilled talents, while 557 individuals successfully obtained certifications in technical supervision specialties.
Form Employee Resource Groups by Establishing Specialized Units	In response to business needs, the Company strategically dismantles departmental barriers and integrates resources by establishing specialized units. These units focus on emerging trends and address critical business challenges across various professional fields, thereby enhancing support for organizational development. In 2025, the establishment of eight new specialized units has increased the total number of operational units to 34.
Promoting Centralized Management of Talents	To enhance organizational effectiveness, the Company has proposed the construction of a centralized talent management system, and established specialized centers designed to align precisely with business needs. This initiative aims to achieve full-chain coordination, rigorous management, and standardized operations for the selection, training, utilization, and retention of specialized talent. By the end of 2025, the Company has successfully established one Audit Center, one Financial Shared Service Center, and three Regional Legal Centers.

Career Development

The Company prioritizes employee career development, having implemented the *Employee Career Development Management Measures*. By establishing diverse career pathways, fostering professional growth and building clear career ladders, it empowers employees to achieve their full potential. This commitment creates a comprehensive platform for individuals to realize their self-worth while enhancing organizational success.

Employee Career Development Pathways



Employee Incentives

Employee Performance and Incentives

China Power consistently enhances its scientific, effective, and transparent incentive and constraint mechanisms. It has developed systems like the *Headquarters Performance Appraisal Management Measures* and the *Annual Comprehensive Performance Assessment Measures for Heads of Directly-Managed Entities*, establishing a differentiated performance appraisal indicator system and evaluation process to ensure the relevance and effectiveness of its assessments.

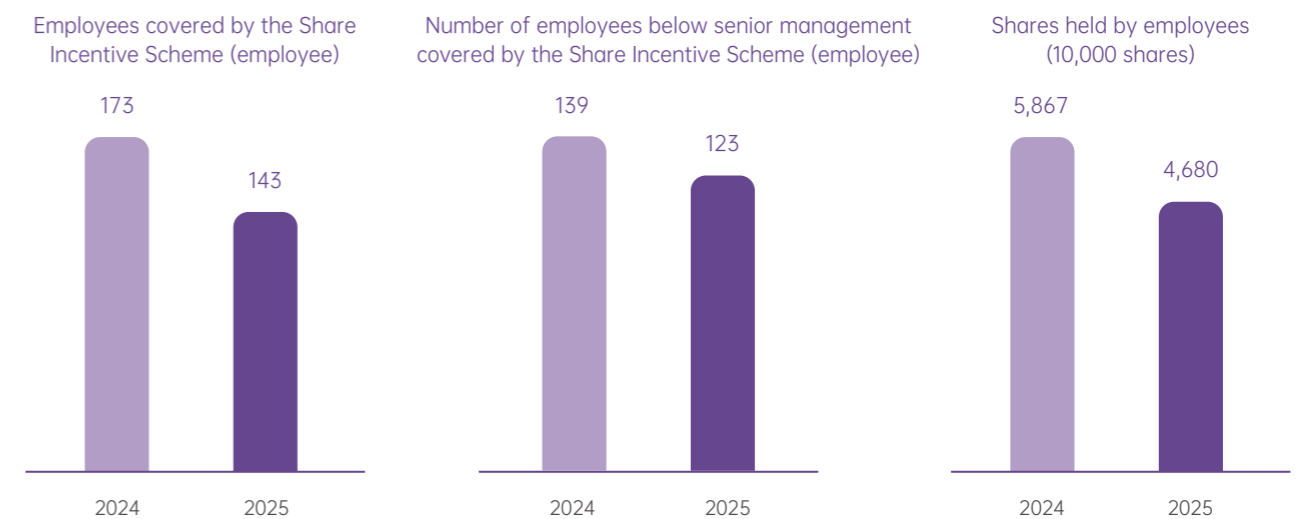
The Company establishes a robust connection between performance and incentives, including remuneration and promotion opportunities. It implements performance appraisal management for all employees across different cycles, including on an annual basis, utilizing a multi-dimensional evaluation approach that combines supervisor assessments and peer reviews. Performance bonuses are distributed based on the outcomes of these appraisals. The Company integrates safeguard indicators into the annual and term-based performance assessment responsibility agreements for senior management, addressing critical areas such as ecological and environmental protection, energy conservation and carbon reduction, safety management, and compliance management. Throughout the evaluation process, the Company solicits employees' opinions and suggestions, creating a formal communication mechanism for feedback. It provides specific, timely, and targeted responses, working collaboratively with employees to develop improvement plans and developmental goals. Moreover, the introduction of a team-based "benchmarking incentive for workgroups" mechanism across production units promotes standardized management practices, supported by regular inspections, semi-annual evaluations, and annual commendations, which further establishes exemplary benchmarks for performance.

Employee Share Incentive Scheme

We are committed to continuously enhancing our incentive and constraint mechanisms to facilitate our strategic transformation. With a steadfast dedication to safeguarding shareholders' interests and adhering to the principle of aligning rewards with contributions, we have developed a comprehensive Share Incentive Scheme. It is designed in compliance with relevant laws, regulations, and guidelines, including the *Trial Measures for Equity Incentives in State-Controlled Listed Companies (Overseas)*, the *Notice on Regulating Issues Related to the Implementation of Equity Incentive Systems in State-Controlled Listed Companies*, the *Guidelines for Implementing Equity Incentives in Listed Companies Controlled by Central State-Owned-Enterprises*, as well as the Listing Rules and the provisions of the Company's Articles of Association.

The Share Incentive Scheme marks a pivotal advancement in the Company's strategic transformation. It establishes essential mechanisms for medium- and long-term incentives as China Power endeavors to align with the national Dual Carbon goals by pursuing a clean and low-carbon strategy. It aims to create a benefit-sharing framework among shareholders, the Company, the management team, and key personnel, effectively linking individual rewards to the Company's long-term development. By doing so, it seeks to fully engage senior management, middle management, and core business personnel. By the end of 2025, the Share Incentive Scheme encompassed 123 core employees below the senior management, including distinguished talents such as industry-leading experts, model workers, and specialists in technical skills.

Performance on Share Incentive



Employee Care

China Power is dedicated to establishing a comprehensive employee care system that fosters a warm and harmonious working environment. The Company has developed the *Headquarters Trade Union Employee Care Management Measures*, which offer extensive support for employees' physical and mental health. This initiative encompasses diverse strategies, including holiday greetings, hardship assistance, recreational activities, sports engagement, and family support, effectively promoting overall well-being among its workforce.

Performance on Employee Care

Indicator	Unit	2024	2025
Investment in employee care and support	RMB'000	29,449.8	37,071.1
Total number of activities conducted for employee care and support	activity	974	2,081

Employee Assistance

China Power has developed an employee care and assistance framework dedicated to delivering comprehensive and multi-level support for all staff members. The Company regularly conducts inclusive outreach activities while providing targeted assistance during crucial periods. A subsidy system has been established to support employees in hardship and remote areas, specifically focusing on regions with considerable challenges, such as Xizang, Qinghai, and Xinjiang. By offering special area subsidies and organizing supportive activities, the Company effectively demonstrates its commitment to the welfare of over 40 employees stationed across five business units in these regions, showcasing robust organizational support for frontline workers.

In 2025, the Company executed a range of holiday and special outreach activities that engaged over 1,100 individuals. Utilizing the "Do Practical Things for the People" initiative, the Company implemented 333 service items and allocated RMB 812,000 in special critical illness assistance funds to 64 employees facing difficulties. These efforts effectively addressed employees' practical challenges, conveyed a sense of organizational care, and significantly enhanced both employee's belonging and the Company's overall cohesion.



Greetings to Model Workers on May Day

Employee Activities

China Power prioritizes the daily needs of its employees and is dedicated to fostering a healthy, safe and comfortable work environment. The Company routinely organizes a variety of employee activities characterized by diverse formats and rich content. These initiatives promote work-life balance, enhance organizational cohesion, and strengthen employees' sense of belonging within the Company.



China Power Hosted Youth Social Event to Help Employees Expand Social Circles

In September 2025, China Power hosted the youth social event titled *Bright Young Days: Making a Friend with You*. This event attracted over 70 young participants inside and outside the Company. Through innovatively designed ice-breaking games and thematic interactive sessions, the event fostered a relaxed yet efficient platform for communication among young employees. Ultimately, participants made mutual online selections for 12 pairs of guests, while 14 additional pairs expressed the desire for further interaction on-site. This initiative exemplifies the Company's commitment to nurturing the growth of its young employees, reflecting the principle of *Help the Youth*. By facilitating opportunities for social engagement, the event significantly enhanced participants' sense of belonging and overall well-being.



China Power Bright Young Days: Making a Friend with You Youth Social Event



China Power Hosted Air Volleyball Tournament to Promote Team Collaboration and Cultural Development

In September 2025, China Power successfully hosted the *Fendouzhe Cup Air Volleyball Tournament* at Yaomeng Energy, uniting over 260 employees from 26 teams across its subsidiaries. This competition, which included multiple rounds—such as group stages and knockout rounds—effectively showcased the employees' dedication, teamwork, and resilience. The event not only enriched employees' cultural and recreational experiences but also reinforced team cohesion, exemplifying the successful integration of corporate culture into employee engagement and fostering a spirit of striving excellence.



China Power Hosted the Fendouzhe Cup Air Volleyball Tournament

Capturing Your Beautiful Moments – China Power’s Series of Activities for International Women’s Day

China Power Headquarters

China Power Headquarters organized the “Her Power, Capturing Brilliance” professional showcase event, specifically designed for female employees. A professional photography team was engaged to capture high-quality identification photos and portraits, highlighting the confident postures of women in the workplace. This initiative powerfully illustrates women’s strength and influence through the artful interplay of light and shadow.



Pingwei Power

Pingwei Power organized a comprehensive series of activities under the theme “Women Achieve New Merits, Blossom Through Hard Work”, commemorating 22 individuals recognized as Women Pacesetters and Outstanding Individuals in Women’s Achievements. This event featured segments such as classic recitations and the sharing of exemplary stories, effectively showcasing the spirit of striving, innovation, and dedication among the women employees. Additionally, a special experience activity involving the creation of incense molds, representative of intangible cultural heritage, was successfully integrated into the program.



Health and Safety Guarantees

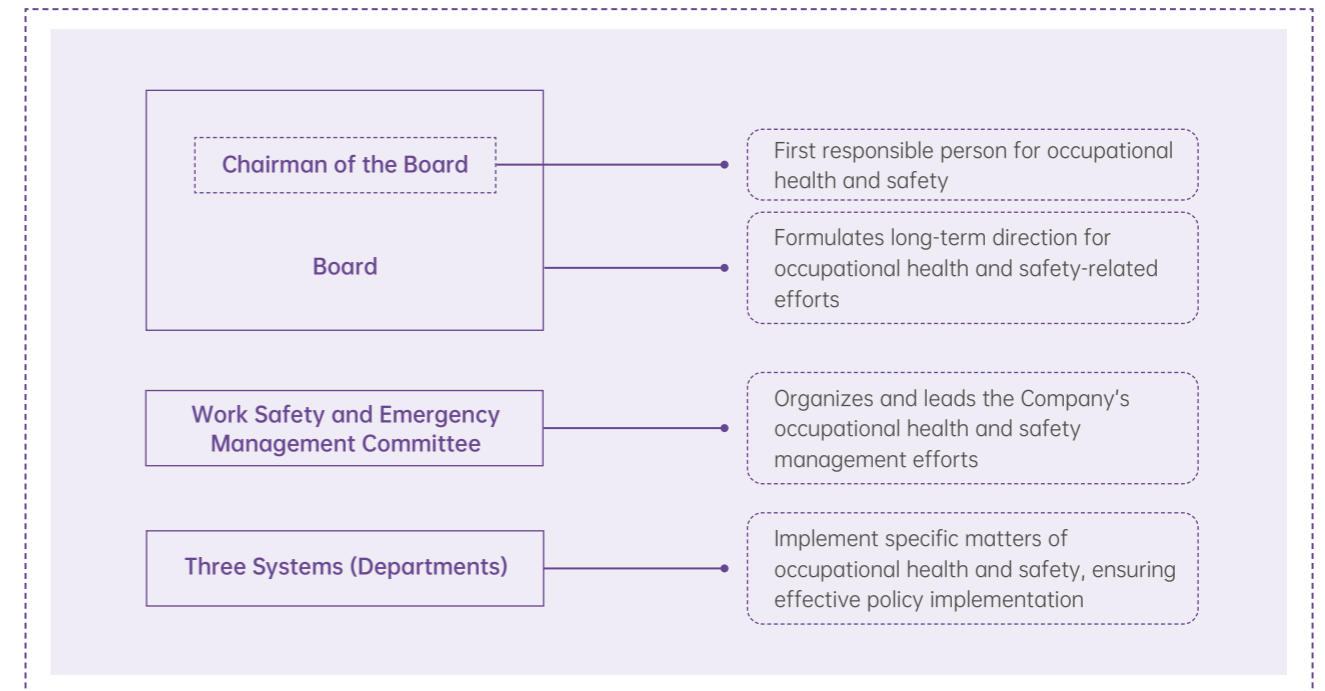
China Power prioritizes employee occupational health and maintains a robust work safety framework. The Company has established the *Occupational Health and Safety Management Policy* that adheres to the guiding principles of safety first, prevention focused, and comprehensive management, as well as the occupational disease prevention approach that emphasizes prevention first, with an integrated approach to prevention and control. Committed to the ambitious safety goal of zero accidents, zero casualties, China Power is continuously promoting its modernization in its safety management system and governance capabilities, striving to cultivate an inherently safe enterprise.

Safety System

China Power strictly abides by the *Work Safety Law of the People’s Republic of China* and other laws and regulations, firmly adheres to the principle that development must never come at the cost of sacrificing safety, maintaining a robust safety philosophy that asserts any risk can be controlled, any violation can be prevented, and any accident can be avoided. The Company consistently embodies a safety mindset characterized as walking on thin ice, standing on the edge of an abyss, to create a safe working environment. In 2025, we have developed and implemented the Industrial Internet + Work Safety Production platform application through comprehensive assessment guidelines. This initiative integrates platform application status into all subsidiaries’ annual performance evaluations and includes regular spot checks. By actively embracing advanced technologies, enhancing capabilities, strengthening organizational management, and fostering a safety-oriented culture, China Power effectively prevents and reduces the incidence of accidents.

China Power has successfully implemented SPIC’s Industrial Internet + Work Safety platform, with a focus on critical areas such as Three Basic Construction (strengthening primary-level organizations, foundational work, and essential skills training) and contractor management. By leveraging advanced technologies including cloud computing, big data, the Internet of Things (IoT), mobile Internet and artificial intelligence, the Company has developed an integrated intelligent supervision system encompassing 25 modules, which address risk control, hidden danger investigations, operational safety, and education and training. In 2025, the platform achieved comprehensive coverage of production and infrastructure units.

Safety Management Structure



Safety Management System



Work Safety Assurance System

This system comprises professional management departments that encompass all positions and personnel directly involved in production. These departments share the primary responsibility for managing enterprise safety.


Industrial management, guidance, and coordination.



Work Safety Supervision System

This system primarily consists of safety supervision departments, which include all personnel directly engaged in safety oversight. These departments collectively bear the fundamental responsibility for supervising the safety of production within the enterprise.

Comprehensive supervision, guidance, and coordination.



Work Safety Supporting System

This system primarily comprises functional management departments that share the essential responsibility of supporting enterprise safety production.

Professional support, guidance, and coordination.

Safety Management Objectives

No work safety accidents resulting in serious injury or death to personnel;

No general or above equipment accidents;

No reservoir or ash yard dam failures, or flood overtopping accidents;

No general Category B or above railway traffic accidents;

No general or above road traffic accidents for which the Company is primarily responsible;

No general or above fire accidents;

No general or above electrical power safety accidents;

No general or above accountability-related cybersecurity incidents.

Performance on Work Safety

Indicator	Unit	2023	2024	2025
Work-related deaths	person	0	0	0
Work-related fatality rate	/	0%	0%	0%
Number of work-related contractor fatalities	person	-	-	0
Lost workdays due to work injury	day	26	0	160
Near miss frequency rate (NMFR)	/	0%	0%	0%
Equipment safety accident rate	/	0%	0%	0%
Power safety accident rate	/	0%	0%	0%

Safety Awareness

China Power has developed comprehensive *Safety Awareness and Training Management Measures*, implementing robust safety training and public awareness initiatives. This approach integrates online courses with specialized offline training. Moreover, contractors are incorporated into a unified management system, ensuring cohesive safety education and training that enhances the Group's overall safety standards.

Course Platform

The Company has developed an Internet + Safety Training cloud platform that offers over 600 multimedia courses designed for precise training aligned with the "one post, one standard" principle. This platform facilitates learning, practice, and assessment anytime and anywhere via mobile devices, significantly enhancing training coverage, efficiency, and practical relevance. It serves as a systematic and convenient resource for both employees and external personnel to advance their safety competencies effectively.

Training Base

The Company has established and operates the CP Huayuan Training Base in Yantai, Shandong. This facility features state-of-the-art practical training equipment and has conducted over 26 specialized safety training for heads, team leaders and new employees from subsidiaries, resulting in nearly 1,500 individuals trained.

Performance on Safety Training

Indicator	Unit	2024	2025
Investment in safety training	RMB'000	11,800.0	14,375.3
Number of safety training	time	7,105	12,513
Contractor safety training			
Number of contractor safety training	time	8,651	13,916
Hours of contractor safety training	hour	143,544	106,933
Number of contractors covered by safety training	contractor	1,118	1,837

China Power Hosted Work Safety Lecture Hall to Deepen Intrinsic Safety Development

In June 2025, China Power successfully convened its annual Work Safety Lecture Hall, centered on the theme Deepening Intrinsic Safety Development, Building a Solid Defense Line for High-quality Development. The event was attended by members of the Company's senior management, with all subsidiaries participating through branch venues. The Lecture Hall provided a comprehensive overview of core safety requirements and outlined the pathways for intrinsic safety. It also addressed recent critical tasks, including flood prevention and disaster reduction, contractor management, and ecological and environmental protection. This initiative serves as a pivotal measure for the Company to enhance safety leadership and ensure the implementation of safety responsibilities. By effectively cultivating safety awareness and compliance among management personnel at all levels, this effort lays a robust safety foundation essential for the successful execution of corporate strategies.



2025 Work Safety Lecture Hall

Divisions of China Power Conducted Diverse Activities During Work Safety Month

In June 2025, on the national Safety Publicity and Consultation Day, subsidiaries of China Power conducted diverse and engaging activities centered on the theme of Work Safety Month. These initiatives effectively disseminated safety knowledge, made work safety concepts accessible, and fostered a robust atmosphere dedicated to safety. Ultimately, these efforts aimed to establish a strong defense line for work safety.



China Power Dabieshan: Strengthening Skills and Building Safety through Competitions



Pu'an Power: Emergency Rescue Skills Training



Wuhu Power: Safety Hazards Snap Around You Activity



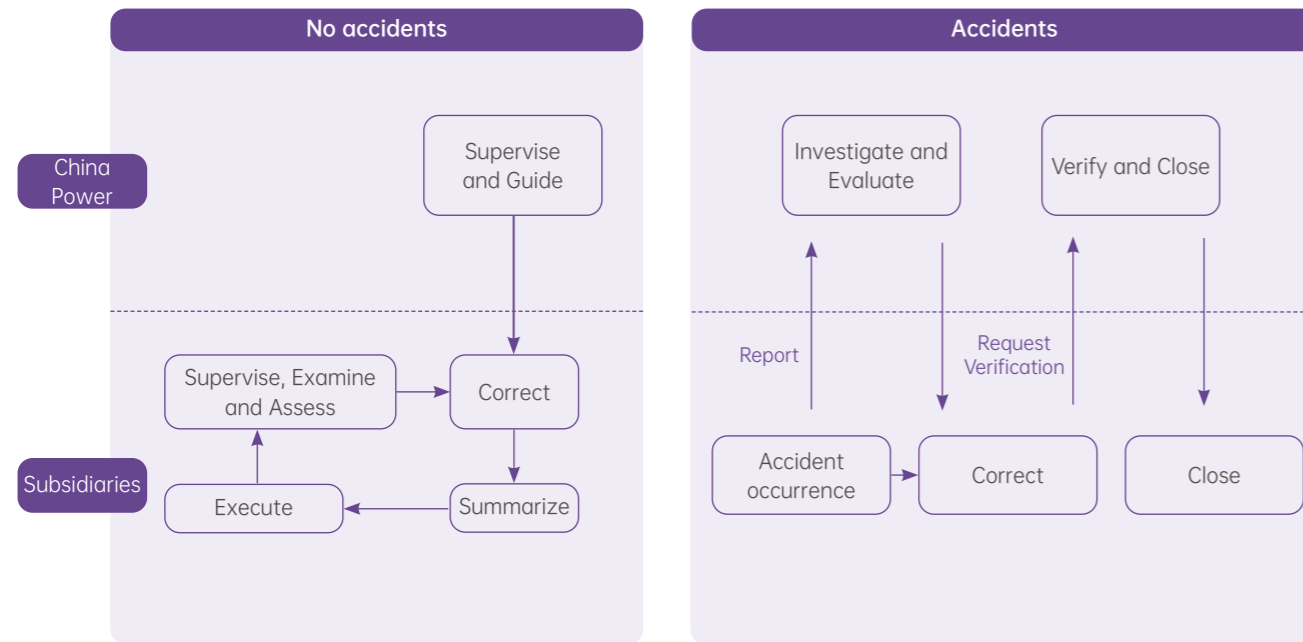
Chengdu Comprehensive Energy: Special Work Safety Learning

Occupational Health Safeguarding

China Power is committed to safeguarding employees' occupational health and safety by strictly complying with the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, the *Provisions on the Administration of Occupational Health at Workplaces* and other laws and regulations, and implementing the *Occupational Health and Labor Protection Management Measures*. In collaboration with contractors, the Company establishes a comprehensive occupational health and safety management system at project sites. By executing a series of targeted protective and managerial strategies, China Power effectively mitigates the risk of work-related occupational diseases. This creates a safe, hygienic, and comfortable work environment that prioritizes the health and well-being of employees.

By the end of 2025, the Company's **ISO 45001** Occupational Health and Safety Management System certification remained valid.

Occupational Health and Safety Management Process



Protective Measures for the Prevention and Mitigation of Occupational Diseases

- Workplace Risk Control**
 - The Company fully complies with supervision and management by relevant departments in workplaces with hazardous factors.
 - The Company implement Three-Simultaneous²⁸ of occupational health protection facilities in construction projects.
 - The Company installs alarm devices, provide on-site first aid supplies and flushing equipment, and establishes emergency evacuation routes and necessary risk discharge areas in environments susceptible to acute occupational injuries.
- Distribution of Labor Protection Articles**
 - The Company establishes and enhance management systems for occupational disease prevention and labor protection equipment.
 - Workplaces exposed to occupational hazards are equipped with effective protective gear, and labor protection articles are tailored based on specific job requirements and associated risks.
- Occupational Health Examinations**
 - The Company conducts comprehensive occupational health and safety medical examinations for all staff.
 - When an employee is diagnosed with an occupational disease, the Company promptly submits work injury identification applications to the relevant social insurance administrative departments, in strict accordance with the *Measures for the Determination of Work-related Injuries*.
- Mental Health Counseling**
 - The Company provides regular psychological counseling for employees via the Xin Energy Platform, effectively alleviating work-related and personal stressors, as well as negative emotions.

²⁸ Three-Simultaneous: Occupational health protection facilities shall be designed, constructed, and put into operation simultaneously with the main body of the construction project.

Performance on Occupational Health Management

Indicator	Unit	2024	2025
Occupational health examination coverage	/	100%	100%
Number of subsidiaries with the certification of ISO 45001 occupational health and safety management system	subsidiary	60	77

Safety Hazard Management

China Power makes significant strides in enhancing workplace safety through rigorous safety hazard investigations. The Company has established robust policies, including the *Management Measures for Safety Risk Hierarchical Control and Safety Hazard Investigation* and the *Implementation Rules for Whistleblowers in the Workplace Safety*. These initiatives strengthen the identification, assessment, and pre-control measures for safety risks across all workplaces and production processes. By comprehensively standardizing safety production management, the Company aims to prevent accidents while conducting specialized investigations, such as spring inspections and flood prevention assessments, fire hazard identification, and contractor safety management. Additionally, China Power is committed to strengthening the prevention and rectification of prominent risks and key issues, effectively ensuring safety and stability in its operations.

Performance on Safety Hazard Management

Indicator	Unit	2024	2025
Number of campaigns to spot safety hazards	time	3,341	7,261
Number of issues spotted in safety hazards	issue	-	81,173
Correction rate of safety hazards	/	97.85%	98.68%



China Power "Zero Tolerance for Safety, Hidden Dangers Nowhere to Hide" Work Safety Month Actions

In June 2025, China Power significantly enhanced its hidden danger investigation approach by transitioning from a "snap and report" system to a comprehensive whistleblower framework. This transformation included a shift from immediate inspection and rectification to a more effective closed-loop cancellation process. Through these actions, the Company adeptly interpreted and embodied the theme of Work Safety Month.

Pingwei Power



Pingwei Power organized professional and technical personnel to conduct a thorough hazard investigation in critical work safety areas within the plant, as well as in small, scattered, remote locations outside the plant.

Shangqiu Thermal Power



Shangqiu Thermal Power carried out a dedicated rectification campaign to investigate hazards, ensuring preventive measures against equipment overheating, lightning, and rain, as well as addressing fuel equipment abnormalities during peak summer demand.

Safety Emergency Management

China Power adheres to an emergency response policy that prioritizes prevention while integrating prevention with emergency response. The Company has developed the *Emergency Response Management Measures*, systematically classifying and managing various emergencies by level. This framework establishes a robust emergency plan system, delineates the organizational structure of the emergency response system, and clarifies reporting procedures, significantly enhancing the Company's emergency response capabilities.

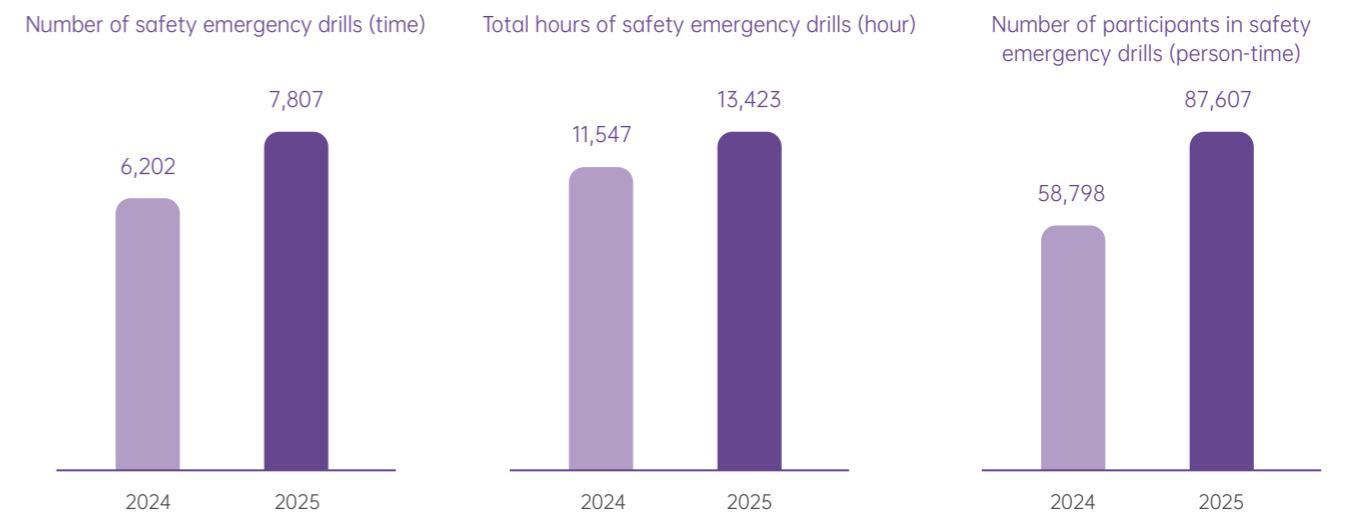
Emergency Drills

The Company proactively coordinated the development of the 2025 emergency drill plan, systematically organizing and supervising drills across all levels and units. Following each drill, an evaluation report was generated, enabling the continuous optimization of emergency response plans. The Company also integrated emergency training into its annual agenda, providing regular and comprehensive training for all relevant personnel. This approach ensures that employees are proficient in their responsibilities and procedures, thereby significantly enhancing the comprehensive coordinated emergency response capabilities and improving employees' disaster prevention and avoidance skills.



China Power's Emergency Drills during Work Safety Month

Performance on Safety Emergency Drills



Social Responsibility

Contributing to Public Welfare

Indicator	Unit	2024	2025
Total charitable donations	RMB'000	4,356.4	5,868.8
Total volunteer activities	time	195	269

Social contribution represents a fundamental aspect of China Power's commitment to corporate citizenship and its pursuit of harmonious development within the communities it serves. The Company consistently incorporates social responsibility into its development strategy and business operations. By advancing its public welfare brand, Yingshanhong—China Power Bright Journey, the Company actively engages in public welfare initiatives, integrates into community development, and fosters regional progress. Furthermore, the Company responds proactively to the national rural revitalization strategy. Through its contributions to local development and resource sharing, China Power distinctly demonstrates its corporate commitment and sense of responsibility through tangible actions.

Responding to the United Nations Sustainable Development Goals (SDGs)



Engagement in Public Welfare

China Power is committed to enhancing its public welfare brand, Yingshanhong—China Power Bright Journey and standardizing youth volunteer activities to ensure consistent and normalized engagement in community service. In alignment with established regulations, such as the *Measures for the Management of Registered Volunteers in China* and the *Regulation on Voluntary Services*, the Company has developed the *China Power Yingshanhong Youth Volunteer Service Management Measures*. By organizing volunteer services such as caring for students, supporting the elderly, helping those in need, community services, and environmental promotion, we build communication bridges, accurately identify the core demands of communities in our operating areas, and fully consider community interests, fulfilling our mission and responsibilities as a central SOE, and delivering compassion and support to those in need.

Public Welfare Brand Construction

In 2025, the Company's Yingshanhong public welfare program successfully accumulated RMB 679,800 in educational assistance donations, benefiting a total of 1,292 individuals.

Representative Public Welfare Activities under Yingshanhong China Power Bright Journey

Supporting Education

In 2025, China Power reaffirmed its foundational commitment to the principle of wherever projects are built, love is spread by allocating RMB 300,000 in educational assistance through the Yingshanhong China Power Bright Journey program. This funding was directed to Dongzhi County in Anhui, Pu'an County in Guizhou, and Mulei County in Xinjiang. The initiative not only provided essential support to local students experiencing challenges but also exemplified the Company's dedication to aligning with regional development goals. By fostering educational advancement and economic progress, this effort enhanced collaborative partnerships between central SOEs and local communities, ultimately promoting co-construction and shared prosperity.



Yingshanhong Educational Assistance Donation Ceremony

Warming the Old

During Lei Feng Month and the Double Ninth Festival in 2025, China Power Dabieshan initiated a program where young volunteers visited Yinian Nursing Home in Macheng City. These volunteers not only entertained the elderly through performances and friendly conversations but also utilized their expertise in electrical engineering to conduct a thorough inspection of the nursing home's electrical infrastructure. This proactive measure identified and eliminated 13 electrical hazards. Ultimately, this initiative exemplified the organization's commitment to delivering both the warmth of a central enterprise and professional assurance to the community.



China Power Dabieshan Conducted Holiday Volunteer Activities for the Elderly

Supporting the Disabled

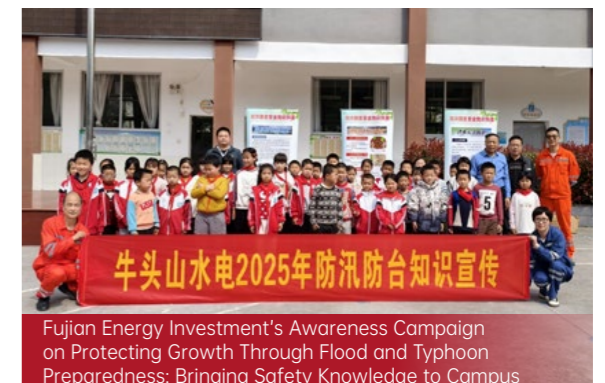
In 2025, Jiangmen Comprehensive Energy initiated volunteer service activities aimed at supporting individuals with disabilities. Volunteers enhanced the accessibility of sidewalks by clearing obstacles from sidewalks for the blind, painted public welfare designs, promoted awareness regarding the construction of accessible environments, and provided guidance on the utilization of guide dog facilities. These initiatives effectively cultivated a positive atmosphere characterized by understanding, respect, and care for individuals with disabilities.



Jiangmen Comprehensive Energy Helped People with Disabilities

Guardians of Growth

In 2025, Niutoushan hydropower volunteers from Fujian Energy Investment visited Xietan Central Primary School to carry out an awareness campaign titled Protecting Growth Through Flood and Typhoon Preparedness: Bringing Safety Knowledge to Campus. Utilizing illustrated presentations, interactive quizzes, and live scenario drills, the volunteers systematically imparted essential disaster prevention and avoidance knowledge, thereby significantly enhancing the students' emergency response capabilities. This proactive approach underscores the critical importance of equipping young individuals with the skills necessary to navigate potential hazards effectively.



Fujian Energy Investment's Awareness Campaign on Protecting Growth Through Flood and Typhoon Preparedness: Bringing Safety Knowledge to Campus

Public Welfare Practices in Hong Kong



China Power Conducted "Central SOE Care in the Community" Volunteer Activity

In June 2025, China Power organized a volunteer event for its Hong Kong employees at Pok Hong Estate in Sha Tin, themed Celebrating Hong Kong's Return to China and Creating a Better Future. During this initiative, volunteers visited residential buildings within the estate to distribute care packages to elderly residents. Throughout the distribution process, the volunteers engaged thoughtfully with the elderly, inquiring about their health and needs. This initiative not only reflects the commitment of young volunteers to societal welfare but also highlights their willingness to embrace responsibility and make a meaningful impact.



China Power Conducted "Central SOE Care in the Community" Volunteer Activity

Environmental Public Welfare Initiatives

China Power rigorously engages in environmental public welfare initiatives, seamlessly integrating ecological protection into its volunteer services and grassroots efforts. The Company effectively raises public awareness regarding ecological issues, actively working to mitigate environmental pollution through tangible actions and safeguarding the natural ecosystem. In enhancing community environments, China Power consistently advocates for green and low-carbon development, thereby demonstrating its unwavering commitment to fulfilling environmental responsibilities.



China Power Organized Participation in Beach Cleanup

In August 2025, the China Power volunteer team mobilized volunteers to engage in a beach cleanup on Cheung Chau Island, coordinated by the Sinopec Hong Kong volunteer general team. This initiative aimed to collectively remove debris from the beach to minimize the impact of pollutants on the coastal zone and marine ecosystems. By improving the public environment, the action effectively addressed the risks posed to biological habitats by marine litter. Through these efforts, the Company embodied the principles of ecological protection and significantly contributed to fostering a clean and livable island environment.



Beach Cleanup Activity on Cheung Chau Island



Shandong Company Launches Lei Feng Month—Green Community Volunteer Cleanup Action

In March 2025, coinciding with the 62nd anniversary of the Learn from Lei Feng memorial day, the Shandong Company organized a volunteer cleanup initiative titled Lei Feng Month—Green Community. This initiative engaged youth league members in collaboration with local communities and educational institutions at Yin Tan Wetland Park in Anning District, Lanzhou. The young volunteers dedicated their efforts to cleaning park trails and public facilities, demonstrating the embodiment of Lei Feng's spirit while promoting sustainable, low-carbon practices. This initiative significantly enhanced the community environment and fostered the synergistic development of corporate sustainability alongside grassroots governance, showcasing the vital role that young individuals in central SOE's play in serving society and safeguarding the ecosystem.



Special Lei Feng Month—Green Community Volunteer Cleanup Action

Performance on Public Welfare Activities

Indicator	Unit	2024	2025
Total charitable donations	RMB'000	4,356.4	5,868.8
Total volunteer activities	time	195	269
Total volunteer participations	person-time	4,613	5,703
Total volunteer hours	hour	6,465	6,052



Supporting Rural Revitalization

China Power confidently aligns itself with the national initiative to comprehensively promote rural revitalization. It formulated the *Administrative Regulations on Designated Poverty Alleviation and Counterpart Assistance*, coordinated with local governments, and selected outstanding young cadres to provide in-village support at the grassroots level. By gaining an understanding of rural development needs through field investigations, it adopted tailored strategies to enhance the rural economy and improve livelihoods. The Company made contributions to regional development and rural revitalization with multiple approaches that include providing consumption support, employment aid, assistance for industrial development, and infrastructure construction.

Key Performance In 2025



the Group allocated a substantial investment of

RMB **234,750,000** to support rural revitalization initiatives

Hubei Company Expands Village Collective Economy with "Photovoltaic+Agriculture" Model

Tianmen City, designated as a national pilot county for the rural energy revolution, is resolutely committed to developing a new energy system characterized by complete green power, self-balancing capabilities, transformative promotion, and rural benefits. In 2025, Hubei Company concentrated its efforts on advancing the layered zoning, step-by-step balancing demonstration project in Duoxiang Town, Tianmen City. This initiative involves the construction of grid-forming energy storage facilities, along with the integration of distributed photovoltaic systems and micro-wind turbines. The project's ambition is to achieve 100% local consumption of green electricity and ensure self-balancing of energy generation and consumption at the township level, thereby alleviating peak-load pressure on the main power grid. Further, Hubei Company is pioneering the "photovoltaic+agriculture" model by developing integrated fishery-PV systems and photovoltaic mosquito control lamps, in addition to implementing rooftop photovoltaics and industrial micro-grids in rural regions. These efforts provide villagers with Sunshine Income, rejuvenate dormant farmland, and generate stable revenue for village collectives, thereby robustly supporting rural revitalization initiatives and assistance programs.



"Layered Zoning, Step-by-Step Balancing" Demonstration Project in Duoxiang Town, Tianmen City

Shandong Company Carries Out Targeted Assistance for Rural Revitalization

Shandong Company actively engages in rural revitalization initiatives, contributing a total of RMB 1,200,000 in 2025 to five designated assistance areas. Notably, the company allocated RMB 300,000 to Wulian County, Rizhao City, specifically for the construction of a bridge on a village production road section impacted by water damage and the hardening of extended road surfaces. Upon completion, this project effectively addressed the villagers' longstanding issue of difficult travel on rainy days while enhancing transportation channels for agricultural products. Such infrastructure improvements not only bolster the income potential of villagers but also facilitate the development of rural industries, exemplifying the commitment to building a bridge, paving a road, benefiting the local people.



Shandong Company Assisted in Infrastructure Construction in Wulian County, Rizhao City

China Power Shandong Implemented the 80MW Wind Power Project in Wudi County

In 2025, China Power Shandong initiated the 80MW wind power project in Wudi County, Shandong Province, marking it as one of the pioneering pilots within the Thousands of Towns and Villages Wind Power Action. This project is anticipated to generate approximately 209,000 MWh of electricity annually, effectively carbon dioxide emissions reducing by around 176,000 tonnes each year. Through a collaborative framework that engages both villages and enterprises, the initiative significantly enhances the average annual income of four administrative villages by over RMB 1,000,000 while improving local infrastructure and governance. By utilizing environmentally friendly wind turbines and implementing an innovative benefit-sharing mechanism, the project exemplifies the successful integration of green energy development with rural revitalization. It stands as a compelling case of how the Dual Carbon strategy can be harmoniously aligned with efforts to promote sustainable, green, and low-carbon development at the community level.



Technical Glossary and Definitions

Technical Glossary and Definitions		
PRC, China	refer to	The People's Republic of China
RMB	refer to	The lawful currency of the PRC
Listing Rules	refer to	The Rules Governing the Listing of Securities on the Hong Kong Stock Exchange
SASAC	refer to	State-owned Assets Supervision and Administration Commission of the State Council
Hong Kong	refer to	Hong Kong Special Administrative Region of the PRC
Hong Kong Stock Exchange	refer to	The Stock Exchange of Hong Kong Limited
Board	refer to	The board of directors of the Company
Director(s)	refer to	Director(s) of the Company
Dual Carbon	refer to	The short name of Carbon Peaking and Carbon Neutrality. Carbon Peaking means the total greenhouse gas emissions such as carbon dioxide gradually decline after reaching its peak. Carbon Neutrality means offsetting its own greenhouse gas emissions through energy conservation and emissions reduction, carbon capture, utilization and storage (CCUS), and other measures, so as to achieve net-zero greenhouse gas emissions.
Installed capacity	refer to	The rated generating capacity of a generating unit or a power plant of a manufacturer, usually in MW.
Consolidated installed capacity	refer to	The total 100% installed capacity of companies that is deemed as subsidiaries in the Group's consolidated financial statements.
Green Electricity Certificate (GEC)	refer to	An "electronic ID card" for green power issued by a renewable energy power generation enterprise. It is identified with a unique serial number and used to prove and account for the power generation and use of renewable energy. The generation of each green certificate means that 1,000 kilowatt-hours (1 MWh) of electricity generated from renewable energy has been connected to the power grid.
Green power	refer to	The electricity generated from renewable energy power generation projects, but the types of technologies covered vary by country/region. The current concept of green power in the PRC refers specifically to electricity generated by photovoltaic power (excluding distributed photovoltaic) and wind power generation projects.
Carbon Emission Allowance (CEA)	refer to	The emission allowance allocated to key emitting entities for a specified period, covering carbon dioxide and other greenhouse gases. One unit of carbon emission allowance is equivalent to one tonne of carbon dioxide equivalent (tCO ₂ e) emitted into the atmosphere.

Technical Glossary and Definitions		
Green electricity trading	refer to	Medium and long-term electricity transactions with green electricity products as the subject matter, to meet the needs of electricity users to purchase and consume green electricity, and to provide corresponding green electricity consumption certification. It is a brand-new trading product established within the framework of the medium- and long-term electric power market.
Hong Kong Companies Ordinance	refer to	Companies Ordinance, Chapter 622 of the Laws of Hong Kong (as amended from time to time)
kW	refer to	1,000 watts
kWh	refer to	Kilowatt-hour, a standard unit of energy used in the electricity industry. One kilowatt-hour is equal to the energy produced by a generator generating one kilowatt of power over the course of one hour.
MW	refer to	1,000,000 watts
MWh	refer to	One MWh equals to one thousand kWh
Net coal consumption rate	refer to	Average consumption of standard coal for supplying 1kWh power (deducting self-used power)
Document No. 136	refer to	<i>Notice on Deepening the Market-Oriented Reform of Feed-in Tariffs for New Energy to Promote High-Quality Development of the New Energy Sector</i> , issued by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) in 2025 (NDRC Price [2025] No. 136)
GRI	refer to	Global Reporting Initiative
AI	refer to	A discipline encompassing theories, methods, technologies, and application systems that leverage digital computing to simulate and enhance human intelligence—enabling environmental perception, knowledge acquisition, and knowledge-driven decision-making for optimal results.
IFRS S1	refer to	IFRS Sustainability Disclosure Standard 1 General Requirements for Disclosure of Sustainability-related Financial Information
IFRS S2	refer to	IFRS Sustainability Disclosure Standard 2 Climate-related Disclosures
China Certified Emission Reduction (CCER)	refer to	The quantified, verified and registered greenhouse gas emission reductions generated from projects including renewable energy and forestry carbon sinks within the territory of China, which may be used by emission-controlled enterprises for the offsetting of CEAs.
Carbon Capture, Utilization and Storage (CCUS)	refer to	Capturing and purifying carbon dioxide emitted during production, followed by its resource utilization or storage, so as to reduce greenhouse gas emissions.
Standard coal	refer to	Coal with an energy content of 7,000 kilocalories per kilogram

Abbreviations

Abbreviations		
SPIC	refer to	State Power Investment Corporation Limited
China Power, the Company	refer to	China Power International Development Limited
The Group, We	refer to	The Company and its subsidiaries
SPIC Hydropower	refer to	SPIC Hydropower Co., Ltd.
XYZ Storage	refer to	Xinyuan Smart Storage Energy Development (Beijing) Co., Ltd.
Qiyuanxin Power	refer to	Shanghai Qiyuanxin Power Technology Co., Ltd.
Pingwei Power	refer to	Divisions affiliated to the Company's thermal power industry, covering Huainan Pingwei No.2 Electric Power Co., Ltd, Huainan Pingwei No.3 Electric Power Co., Ltd.
Shentou Power Plant II	refer to	Shanxi China Power Shentou No. 2 Power Generating Company Limited
CP Hua Chuang	refer to	China Power Hua Chuang Electric Power Technology Research Company Limited
Hubei Company	refer to	SPIC Hubei Electric Power Co., Ltd.
Shandong Company	refer to	SPIC Shandong Energy Development Co., Ltd.
Anhui Company	refer to	SPIC Anhui Electric Power Co., Ltd.
Heilongjiang Company	refer to	SPIC Heilongjiang Power Co., Ltd.
Qianzhan Wind Power	refer to	Jieyang Qianzhan Wind Power Co., Ltd.
Yaomeng Energy	refer to	Henan Yaomeng Energy Investment Co., Ltd.
Wuhu Power	refer to	Wuhu Electric Power Generating Company Limited
China Power Dabieshan	refer to	China Power Dabieshan (Hubei) Power Development Co., Ltd.

Abbreviations		
Jiangmen Comprehensive Energy	refer to	China Power (Jiangmen) Comprehensive Energy Company Limited
Pu'an Power	refer to	China Power (Pu'an) Power Generating Company Limited
Chengdu Comprehensive Energy	refer to	China Power (Chengdu) Comprehensive Energy Company Limited
Shangqiu Thermal Power	refer to	China Power (Shangqiu) Thermal Power Co., Ltd.
CP Huayuan	refer to	China Power Huayuan Nuclear Power Engineering Technology Co., Ltd.
Offshore Wind Power Company	refer to	Haiwei (Rushan) Offshore Wind Power Company Limited
Xinjiang Electric Energy Investment	refer to	Xinjiang Zhongxin Electric Energy Investment Co., Ltd.
Fujian Energy Investment	refer to	China Power Energy Investment (Fujian) Co., Ltd.
China Power Shandong	refer to	China Power (Shandong) New Energy Investment Co., Ltd.

Appendix I. Assurance Report



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Independent Limited Assurance Report

Ernst & Young Hua Ming (2026) No.70055157_A01
China Power International Development Limited

Board of Directors of China Power International Development Limited:

Scope

We have been engaged by China Power International Development Limited to perform a limited assurance engagement, as defined by International Standards on Assurance Engagements, to report on China Power International Development Limited ("China Power") information subject to third party assurance ("the Subject Matter") from Page 163 to Page 169 as of and for the year ended 31 December 2025 in the 2025 Sustainability Report ("ESG Report").

Other than as described in the preceding paragraph, which sets out the scope of our engagement, we did not perform assurance procedures on the remaining information included in the ESG Report, and accordingly, we do not express a conclusion on this information.

Criteria applied by China Power

In preparing the Subject Matter, China Power applied the Environmental, Social and Governance Reporting Code issued by the Stock Exchange of Hong Kong Limited (HKEx) and the criteria as defined and disclosed in the ESG Report ("Criteria").

Management's responsibilities

China Power's management is responsible for selecting the Criteria, and for presenting the Subject Matter of ESG Report in accordance with the criteria above, in all material respects. This responsibility includes establishing and maintaining internal controls, maintaining adequate records and making estimates that are relevant to the preparation of the subject matter, so that such it is free from material misstatement due to fraud or error.

EY's responsibilities

Our responsibility is to express a conclusion on the presentation of the Subject Matter based on the evidence we have obtained.

We conducted our engagement in accordance with the *International Standard for Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* ("ISAE 3000 (Revised)") and the International Standard on Assurance Engagements on Greenhouse Gas Statements ("ISAE 3410"), and the terms of reference for this engagement as agreed with China Power on 27 January 2026. Those standards require that we plan and perform our engagement to express a conclusion on whether we are aware of any material modifications that need to be made to the Subject Matter in order for it to be in accordance with the Criteria, and to issue a report. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risk of material misstatement, whether due to fraud or error.

We believe that the evidence obtained is sufficient and appropriate to provide a basis for our limited assurance conclusion.

Our independence and quality management

We have maintained our independence and confirm that we have met the requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants and have the required competencies and experience to conduct this assurance engagement.

EY also applies International Standard on Quality Management 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services engagements*, which requires that we 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.

Description of procedures performed

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. Our procedures were designed to obtain a limited level of assurance on which to base our conclusion and do not provide all the evidence that would be required to provide a reasonable level of assurance.

Although we considered the effectiveness of management's internal controls when determining the nature and extent of our procedures, our assurance engagement was not designed to provide assurance on internal controls. Our procedures did not include testing controls or performing procedures relating to checking aggregation or calculation of data within IT systems. The Green House Gas quantification process is subject to scientific uncertainty, which arises because of incomplete scientific knowledge about the measurement of GHGs. Additionally, GHG procedures are subject to estimation (or measurement) uncertainty resulting from the measurement and calculation processes used to quantify emissions within the bounds of existing scientific knowledge.



Independent Limited Assurance Report (Continued)

Ernst & Young Hua Ming (2026) No.70055157_A01
China Power International Development Limited

Description of procedures performed (Continued)

A limited assurance engagement consists of making enquiries, primarily of persons responsible for preparing the Subject Matter and related information, and applying analytical and other appropriate procedures.

Our procedures included:

- 1) Conducted interviews with personnel to understand the business and reporting process
- 2) Conducted interviews with key personnel to understand the process for collecting, collating and reporting the Subject Matter during the reporting period
- 3) Checked that the calculation criteria have been correctly applied in accordance with the methodologies outlined in the Criteria
- 4) Undertook analytical procedures of the data and made inquiries of management to obtain explanations for any significant differences we identified
- 5) Tested, on a sample basis, underlying source information to check the accuracy of the data; and
- 6) Other procedures deemed necessary

Conclusion

Based on our procedures and the evidence obtained, we are not aware of any material modifications that need to be made to the Subject Matter as of and for the year ended 31 December 2025, in order for it to be in accordance with (or based on) the Criteria.



Appendix II. Index of Indicators

HKEX ESG Code Index

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
Part B: Mandatory Disclosure Requirements			
Board Statement		18-20	-
Materiality		2	-
Quantitative		2	-
Consistency		2	-
Scope of Reporting		1	-
Part C: "Comply or explain" Provisions			
Environmental			
Aspect A1: Emissions			
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	97-100	Yes
A1.1	The types of emissions and respective emissions data.	97-99	Yes
A1.2	[Repealed 1 January 2025]		
A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	101	Yes
A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	101	Yes
A1.5	Description of emission target(s) set and steps taken to achieve them.	97	-

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	100	-
Aspect A2: Use of Resources			
General Disclosures	Policies on the efficient use of resources, including energy, water and other raw materials.	91-96	Yes
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	92	Yes
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	95	Yes
A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	91	-
A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	94	-
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Not Applicable	-
Aspect A3: The Environment and Natural Resources			
General Disclosures	Policies on minimising the issuer's significant impacts on the environment and natural resources.	85	
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	85-90, 105-106	
Aspect A4: Climate Change			
[Repealed 1 January 2025]			
A4.1	[Repealed 1 January 2025]		

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
Social			
Aspect B1: Employment			
General Disclosures	Information on: the policies; and compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	127-130, 136-139	Yes
B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group and geographical region.	125	Yes
B1.2	Employee turnover rate by gender, age group and geographical region.	126	Yes
Aspect B2: Health and Safety			
General Disclosures	Information on: (a) the policies; and compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	140-144	Yes
B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	142	Yes
B2.2	Lost work-days due to work injury.	142	Yes
B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	140-148	Yes
Aspect B3: Development and Training			
General Disclosures	Policies on improving employee knowledge and skills for discharging duties at work. Description of training activities. Note: Training refers to vocational training. It may include internal and external courses paid by the employer.	131-135	Yes
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	134	Yes
B3.2	The average training hours completed per employee by gender and employee category.	134	Yes
Aspect B4: Labor Standards			

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
General Disclosures	Information on: the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	127	-
B4.1	Description of measures to review employment practices to avoid child and forced labour.	127	-
B4.2	Description of steps taken to eliminate such practices when discovered.	127	-
Aspect B5: Supply Chain Management			
General Disclosures	Policies on managing environmental and social risks of the supply chain.	119-120	Yes
B5.1	Number of suppliers by geographical regions.	122	Yes
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	120-121	Yes
B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	119-120	Yes
B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	119-120	Yes
Aspect B6: Product Responsibility			
General Disclosures	Information on: the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	114-118	-
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Not Applicable	-
B6.2	Number of products and service related complaints received and how they are dealt with.	118	Yes
B6.3	Description of practices relating to observing and protecting intellectual property rights.	112	Yes

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
B6.4	Description of quality assurance process and recall procedures.	Not Applicable	-
B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Not Applicable	-
Aspect B7: Anti-corruption			
General Disclosures	Information on: the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	46-48	Yes
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	47	Yes
B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	48-49	Yes
B7.3	Description of anti-corruption training provided to directors and staff.	48	Yes
Aspect B8: Community Investment			
General Disclosures	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	151, 155	Yes
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	151-156	Yes
B8.2	Resources contributed (e.g. money or time) to the focus area.	151-156	Yes
Part D: Climate-related Disclosures			
(I) Governance	An issuer shall disclose information about: (a) the governance body(s) or individual(s) responsible for oversight of climate-related risks and opportunities; and (b) management's role in the governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities.	63-64	-
(II) Strategy	Climate-related risks and opportunities - an issuer shall disclose information to enable an understanding of climate-related risks and opportunities that could reasonably be expected to affect the issuer's cash flows, its access to finance or cost of capital over the short, medium or long term.	65-68	-

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
(II) Strategy	Business model and value chain - an issuer shall disclose information that enables an understanding of the current and anticipated effects of climate-related risks and opportunities on the issuer's business model and value chain.	65-68	-
	Strategy and decision-making - an issuer shall disclose information that enables an understanding of the effects of climate-related risks and opportunities on its strategy and decision-making, including how the issuer has responded to, and plans to respond to, climate related risks and opportunities in its strategy and decision making, and how the issuer plans to achieve any climate-related targets it has set and any targets it is required to meet by law or regulation; and the progress of plans disclosed and how the issuer is resourcing, and plans to resource.	73	-
	Financial position, financial performance and cash flows – Current financial effect - an issuer shall disclose qualitative and quantitative information about how climate-related risks and opportunities have affected its financial position, financial performance and cash flows for the reporting period; and information for which there is a significant risk of a material adjustment to the carrying amounts of assets and liabilities.	65-72	-
	Anticipated financial effect - provide qualitative and quantitative disclosures about how the issuer expects its financial position, financial performance and cash flows to change over the short, medium and long term, given its strategy to manage climate-related risks and opportunities.		
(III) Risk Management	Climate resilience - an issuer shall disclose information that enables an understanding of the resilience of the issuer's strategy and business model to climate-related changes, developments and uncertainties, and use climate-related scenario analysis to assess.	69-72	-
	An issuer shall disclose information about the processes and related policies the issuer uses to identify, assess, prioritise and monitor climate-related risks and opportunities.	64	-
(IV) Metrics and Targets	Greenhouse gas emissions - Scope 1; Scope 2 (location-based); and Scope 3. HKEX provides the Reasonable Information Relief and on certain conditions, an issuer is permitted to measure its greenhouse gas emissions using information for reporting periods that are different from its own reporting period	75-76	Yes (assurance completed for Scope 1 and Scope 2 greenhouse gas emissions)
	Climate-related transition risks, physical risks and opportunities - disclose the amount and percentage of assets or business activities vulnerable to climate-related risks and opportunities.	77	-
	Capital deployment - disclose the amount of capital expenditure, financing or investment deployed towards climate-related risks and opportunities.	77-78	-
	Internal carbon prices - disclose an explanation of whether and how the issuer is applying a carbon price in decision-making or an appropriate negative statement that the issuer does not apply a carbon price in decision-making.	78	-

Aspects	Content	Page No. in the Report	Information Subject to Third Party Assurance
(IV) Metrics and Targets	Remuneration - disclose whether and how climate-related considerations are factored into remuneration policy, or an appropriate negative statement.	78	-
	Industry-based metrics - consider the applicability of the industry-based metrics under the international ESG reporting frameworks and make appropriate disclosures.	78-84	-
	Climate-related targets - disclose any targets the issuer is required to meet by law or regulation, including any greenhouse gas emissions targets, and disclose in further detail on the issuer's approach to setting and reviewing climate-related target, its performance against each target, and an analysis of trends or changes in its performance. Without setting and disclosing climate-related targets, an issuer should disclose its work plan, progress and timetable for setting and disclosing these targets.	74	-
	Applicability of cross-industry metrics and industry-based metrics - refer to and consider the applicability of cross-industry metrics.	75-84	-

International Sustainability Standards Board (ISSB) IFRS Sustainability Disclosure Standard 2 Climate-related Disclosures (IFRS S2)

IFRS S2 Recommendations	Page
Governance: The governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities	
Information on the governance body(s) or individual(s) responsible for oversight of climate-related risks and opportunities	63-64
Management's role in the governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities	63-64
Strategy: Approaches for managing climate-related risks and opportunities	
The climate-related risks and opportunities that could reasonably be expected to affect the entity's prospects	65-68
Expected timeframe for the occurrence of those climate-related risks and opportunities	65-68
Climate-related risks and opportunities in the value chain	65-68
Effect of the climate-related risks and opportunities on strategies and decision-making	69-73
Climate-related transition plan	73
Current and anticipated effects of the climate-related risks and opportunities on financial position	69-73
Climate resilience	69-73
Risk management: The processes used to identify, assess, prioritize and monitor sustainability-related risks and opportunities	
Information on the processes and related policies for identifying, assessing prioritizing and monitoring climate-related risks	64
Information on the processes for identifying, assessing prioritizing and monitoring climate-related opportunities	64
Describe how processes for identifying, assessing prioritizing and monitoring climate-related risks and opportunities are integrated into the overall risk management process and how it affects the company	64
Metrics and targets: The performance in relation to climate-related risks and opportunities, including progress towards any targets the entity has set or is required to meet by law or regulation	
Metrics used to measure and monitor climate-related risks and opportunities	75-84
Disclose information in relation to the categories of cross-industry metrics	75-78
Quantitative and qualitative climate-related goals set for monitoring the progress of realization of its strategic goals, the approaches for examining the goals, and the performance against the goals	74

Appendix III. Readers' Comments Form

Respected readers:

Thank you for reading this report. We appreciate and look forward to your feedback. Your opinions and suggestions are important for us to continuously improve corporate ESG information disclosures and promote corporate ESG management and practice. Welcome and sincerely thank you for your valuable opinions!

1. Your overall assessment of our ESG performance is:

Excellent good average bad very bad

2. Your overall assessment of this report is:

Excellent good average bad very bad

3. What do you think of our performance in communication with stakeholders?

Excellent good average bad very bad

4. What do you think of our performance in corporate governance?

Excellent good average bad very bad

5. What do you think of our performance in environmental management?

Excellent good average bad very bad

6. What do you think of our performance in social responsibility?

Excellent good average bad very bad

7. What do you think of our performance in ESG?

Excellent good average bad very bad

8. What are your opinions and suggestions for our ESG performance and this report?



China Power International Development Limited

中國電力國際發展有限公司