

A wide-angle photograph of a wind farm in a vast, green, grassy field under a bright blue sky with scattered white clouds. Several white wind turbines are visible in the distance, stretching across the horizon.

2022

# ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT

Beijing Jingneng Clean Energy Co., Limited



Stock Code / 00579

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## GLOSSARY

“ESG”	Environmental, Social and Governance
“the Report” or “this Report”	Environmental, Social and Governance Report
“Hong Kong Stock Exchange”	The Stock Exchange of Hong Kong Limited
“the Year” or “the Reporting Period” or “2022”	1 January 2022 to 31 December 2022
“the PRC” or “China”	the People’s Republic of China
“BEH”	Beijing Energy Holding Co., Ltd.
“the Company” or “Company”	Beijing Jingneng Clean Energy Co., Ltd.
“Jingneng Clean Energy” or “the Group” or “we”	the Company and its subsidiaries
“Beijing Branch”	Beijing Jingneng Clean Energy Co., Ltd. Beijing Branch
“Inner Mongolia Branch”	Beijing Jingneng Clean Energy Co., Ltd. Inner Mongolia Branch
“Northeast Branch”	Beijing Jingneng Clean Energy Co., Ltd. Northeast Branch
“Northwest Branch”	Beijing Jingneng Clean Energy Co., Ltd. Northwest Branch
“Southern China Branch”	Beijing Jingneng Clean Energy Co., Ltd. Southern China Branch
“Southwest Branch”	Beijing Jingneng Clean Energy Co., Ltd. Southwest Branch
“Australia Branch”	Beijing Jingneng Clean Energy Co., Ltd. Australia Branch
“Jingfeng Gas”	Beijing Jingfeng Natural Gas-fired Power Co., Ltd.
“Jingqiao Power”	Beijing Jingqiao Thermal Power Co., Ltd.
“Jingxi Power”	Beijing Jingxi Gas-fired Power Co., Ltd.
“Jingyang Power”	Beijing Taiyanggong Gas-fired Power Co., Ltd.
“Shangzhuang Power”	Beijing Shangzhuang Gas-fired Power Co., Ltd.
“Weilai Power”	Beijing Jingneng Weilai Gas-fired Power Co., Ltd.
“Gaoantun Power”	Beijing Jingneng Gaoantun Gas-fired Power Co., Ltd.
“Jingyi Power”	Yichang City Yiling District Zhongji Power Co., Ltd.
“International Energy”	Beijing Jingneng International Power Technology Co., Ltd.

## ABOUT THE REPORT

### Purpose of the Report

This report is the 2022 Environmental, Social and Governance Report published by Jingneng Clean Energy Co., Limited. The purpose of this report is to report on the principles, management systems and related practices of Jingneng Clean Energy in fulfilling its environmental, social and governance obligations in 2022, and to respond to important issues of concern to major stakeholders.

### Reporting Period

This report is an annual report covering the period from 1 January 2022 to 31 December 2022.

### Reporting Scope

The content of this report covers the Group’s management system, indicator objectives and key initiatives in the ESG aspects. The KPIs disclosed in this report cover the Group’s major operating locations, including its headquarters and all subsidiaries.

### Basis of Preparation

This report is prepared in accordance with the Environmental, Social and Governance Reporting Guide (the “ESG Reporting Guide”) set out in Appendix 27 to the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the “Listing Rules”) and with reference to the Task Force on Climate-related Financial Disclosures TCFD. This report follows the four reporting principles of materiality, quantitative, balance and consistency, as well as the provisions of “Mandatory Disclosure” and “Comply or Explain” in the ESG Reporting Guide.

- **Materiality:** The Group determines the degree of influence of ESG-related matters on internal and external stakeholders through the materiality assessment process, so as to focus on the response and disclosure of issues that have material impact.
- **Quantitative:** The Group has established a statistical mechanism for the measurable KPIs specified in the ESG Reporting Guide, and disclosed the calculation results in the Report and specified the calculation basis and statistical methods.
- **Balance:** This report reflects objective facts and discloses both positive and negative indicators.
- **Consistency:** Most of the indicators in this report are consistent with the statistical disclosure methods adopted in previous years to ensure that the historical data is comparable. The statistical disclosure methods of some indicators have been adjusted, and the changes are specified in the Report.

### Information Explanation

All information disclosed in the Report is sourced from the Group’s internal documents. Unless otherwise specified, all amounts disclosed in this report are denominated in RMB. There are no false records, misleading statements, or material omissions in the Report.

### Feedback and Contact

The Company sincerely looks forward to listening to your valuable opinions and suggestions in order to enhance our ESG capabilities and standards. For details of the Company’s environmental, social, and corporate governance, please refer to the Company’s official website (<http://www.jncec.com/>) and annual report. If you have any comments or suggestions, please contact us by email at [zhengquanbu@jncec.com](mailto:zhengquanbu@jncec.com).

## MESSAGE FROM CHAIRMAN



In 2022, while experiencing economic growth, we continued to deepen our integration of sustainable development practices, further implemented responses to climate change, greenhouse gas emissions reduction, health and safety, talent development and other issues. We accelerated the deployment of renewable energy layouts and solidified the foundation for corporate development at a stable pace, supporting the construction of a sustainable ecological civilisation and achieving a good start for the "14th Five-Year Plan".

In the process of fulfilling our environmental responsibilities and creating a green ecology, we accelerated the deployment of energy conservation and emissions reduction, and explored the Carbon Peak Action Plan. We promoted the "Party building + dual carbon" key tasks, broadened the Party building and green development channels, seized the advantageous development of wind and solar resources, leaving "dual carbon" footprints in 26 provinces and autonomous regions across the country. We achieved a cumulative carbon emissions reduction of more than 20 million tonnes and replaced nearly 5 million tonnes of standard coal. We improved the quality and efficiency of corporate development through the concept of "green becomes gold" and transformed the red momentum into a green development advantage for the enterprise.

Under the requirements of fulfilling governance responsibilities and maintaining stable development, we have established and improved a comprehensive safety production responsibility system covering all employees, the whole process and all aspects. We strictly implement various management systems for safety production, strengthen the construction of safety culture while raising safety awareness. We implement the safety responsibilities of personnel at all levels, improve the level of quality service, and strive to build an essential safety-oriented enterprise. At the same time, we adhere to innovation-driven development and have won 123 technology awards, patents, and software copyrights, behind which is the extension of our core competitiveness. With the enchantment of our management power, we have successfully issued the first carbon-neutral ABS for municipal state-owned enterprises, setting a record for the lowest interest rate for similar products in the past two years before the date of the issuance.

Under the call of fulfilling social responsibilities and demonstrating the role of state-owned enterprises, we have established solid channels for employee career development, motivated employees to realise their self-worth, continued to standardise salary management, and steadily increased employee income levels. We solidly promote the construction of the workforce, organise various training programs in an orderly manner, optimise the scientific selection and promotion process, and create a cohesive and harmonious corporate atmosphere. On this basis, we fully implement our responsibilities for rural revitalisation, focus on promoting industry assistance, consumer assistance, and public welfare assistance, and have donated a total of RMB 30 million. With a strong commitment of responsibility, we strive to reveal the excellent work style of capital state-owned enterprises and help underdeveloped areas achieve sustainable development.

Looking ahead to the future, the Group will further strengthen the foundation of safety and stability, shoulder the responsibility of leading the "dual-carbon" strategy, and enhance our innovative capabilities as a pioneer. Under the guidance of the "14th Five-Year Plan", we are determined to fulfil our responsibilities in energy security, environmental protection, rural revitalisation, and caring for our employees, etc. The establishment of a digital centre will promote a transformation in our production management model, improve equipment management, and strive to reduce waste, sewage, and hazardous gas emissions, creating more social value. We aim to prioritise the green development as our primary task of high-quality enterprise development and let warmth and light become the background color of people's happy life.

Chairman

# ABOUT JINGNENG CLEAN ENERGY

## Overview of the Company

As a holding subsidiary of BEH, the Company was established in 2010. The Group's business covers 26 provinces, municipalities, and autonomous regions, including Beijing, Inner Mongolia, Ningxia and Sichuan, as well as partial markets in Australia. The Group is principally engaged in the businesses of gas-fired power generation and heating, wind power generation, photovoltaic power generation, small to medium-sized hydropower, energy storage and other businesses in the clean energy development fields. As an important practitioner of "Lighting Beijing by wind in Zhangbei", we have successively supplied green power for the 2008 Beijing Olympic Games and the Paralympic Games, the 2022 Beijing Winter Olympic Games and the Paralympic Games.

With the core mission of "focusing on the carbon neutrality progress of the capital and focusing on the high-quality development of clean energy", the Group adheres to green development and innovation-driven development, actively participates in "carbon peak and carbon neutrality" and implements national strategies such as the coordinated development of Beijing, Tianjin and Hebei, and strives to make Jingneng Clean Energy a world-class clean energy service provider in the capital of China.

### Distribution of Projects



During the Reporting Period, the Group's wind power, photovoltaic power and hydropower segments all achieved profit growth, and a number of production and operation indicators reached the best level in history. As at the end of the Reporting Period, the Group's operating revenue of the Year was RMB 20.03 billion, and the total consolidated installed capacity was 13,719 MW, the total annual power generation was 36.63 billion kWh.

Business Type	Installed Capacity (MW)	Total Power Generation of the Year (billion kWh)	Newly-added installed capacity (MW)
Gas Power Generation and Heat	4,702	19.04	0
Wind Power Generation	5,066	10.87	956
Photovoltaic Power Generation	3,532	5.02	319
Hydropower Generation	419	1.70	0

## 2022 Honours and Awards

China Electric Power Construction Enterprise Association

China Association of Work Safety

The Fire Prevention and Safety Committee of Haidian District of Beijing Municipality

The Government of Shijingshan District of Beijing Municipality

# ESG GOVERNANCE

Jingneng Clean Energy closely follows the national strategic guidelines for high-quality and low-carbon development, deeply integrates ESG concepts into the Company's business operations, and improves the risk control and response capabilities through continuous optimisation of ESG management mechanism, creating a resilient green industry ecosystem.

## Board Statement

As the decision-making and regulatory body for ESG matters, the board of directors of Jingneng Clean Energy recognises the necessity of ESG in promoting the sustainable development of enterprises, and has established a four-level ESG governance framework. This has formed a closed-loop management system from decision-making and deployment, to implementation and supervision and assessment, deeply integrating ESG strategy into the Company's daily operations and management. Combining its own business development practices, the board regularly examines the importance of ESG issues, and identifies and evaluates ESG-related risks; aligning with the Company's development, the Report is subject to annual review and the ESG goals and progress listed in the report are evaluated to ensure that all objectives are closely linked to the Company's production and operation. The board of directors focuses on elements such as low-carbon environmental protection, safe production, technological innovation, corporate governance, and social contributions, deeply integrating ESG with the Company's "14th Five-Year Plan" while planning ESG management policies and medium-to long-term strategic plans that are in line with the Company's development and make sure ESG comprehensive management is implemented.

### ESG Governance Structure



In 2022, to ensure the effective operation of the Group's ESG governance system, we formally established an ESG taskforce at each subsidiary level and set up a core group structure led by senior managements or managers in charge of the production safety, and followed by ESG-related departments as the team members. With reference to the ESG Reporting Guide issued by the Hong Kong Stock Exchange and the Corporate Governance Code set out in Appendix 14 to the Listing Rules (the "Corporate Governance Code") and other regulatory documents, as well as the articles of association of the Company and the actual situation of its subsidiaries, we have formally formulated *the Working Rules for the Strategy Committee of the Board of Directors* and *the Rules for ESG Management*, which set out systematic provisions on the ESG organisational structure, management content and operation mechanism, as well as supervision and assessment standards, and we are committed to comprehensively improving the performance ability of ESG work.

### Responsibilities of the Company's ESG taskforce:

1. implement the Company's ESG management strategy, review ESG policies, regulations, trends, and other related matters, and execute opinions and recommendations of the strategy committee of the board of directors on ESG;
2. propose ESG-related objectives and action plans, regularly track progress towards these objectives, and provide suggestions and resource support for actions required to achieve these objectives;
3. assist the strategy committee of the board of directors in identifying ESG risks and opportunities, promptly report to the strategy committee of the board of directors about important trends that may affect the Company's ESG strategy and propose corresponding measures;
4. review significant issues that affect the Company's ESG responsibilities in its production and operations, supervise regular reviews of such issues, and ensure that corrective measures are implemented;
5. regularly review the Company's ESG structure and progress in ESG-related work, report to the strategy committee of the board of directors on its appropriateness and effectiveness and provide recommendations;
6. organise communication with stakeholders related to the Company's interests, listen to their feedback on ESG work;
7. conduct research and analysis on significant and unexpected ESG issues and make recommendations;
8. organise training on ESG matters and liaise with the Company's ESG taskforce;
9. prepare the annual ESG report; and
10. other responsibilities as assigned by the strategy committee of the board of directors.

To continuously improve the Group's ESG governance level, the Group regularly conducts training and seminars to grasp real-time regulatory dynamics and policy trends, and explores adaptive ESG development and governance models to bring the overall corporate governance level to a higher level.

### Case: ESG Governance Training of Jingneng Clean Energy

In September 2022, Jingneng Clean Energy hired a third-party professional consulting firm to conduct an annual ESG governance improvement training for the board of directors and senior management. The training provided a comprehensive interpretation of ESG regulatory trends, changes in internal and external disclosure standards, and the relationship between ESG and the capital market. It also included a detailed plan for enhancing Jingneng Clean Energy's ESG governance. The training effectively drew the board of directors' attention to ESG governance and their understanding of ESG development goals, laying a solid foundation for the subsequent implementation of the ESG strategy.



Training Session

## Stakeholder Engagement

### Types of Stakeholders

The Group considers the communication with stakeholders as an essential starting point for ESG work and has established a multi-channel and normalised communication and feedback mechanism with various stakeholders to timely and accurately capture their expectations with the principle of sincere and open communication, helping to adjust Group's sustainable development strategies and goals accordingly, to achieve a win-win solution among all parties. The Group regularly communicates with stakeholders and conducts a wide range of stakeholder surveys based on the 2021 materiality assessment and receives a total of 196 feedbacks from 7 types of stakeholders. Key stakeholders include shareholders and investors, government and regulators, clients, business partners, non-governmental organisations, employees and the community and the public.



### Issues of Concern to Stakeholders and Communication Channels

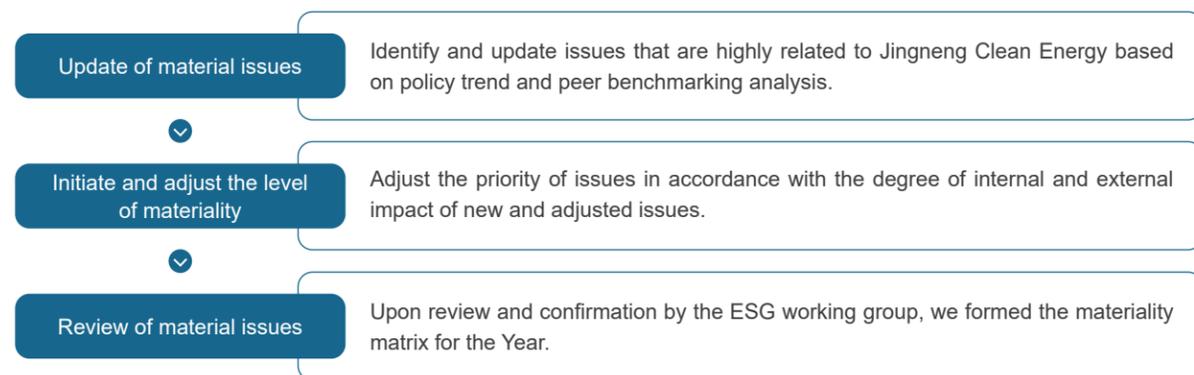
Stakeholders	 Shareholders and investors	 Government and regulators	 Clients	 Business partners	 NGOs	 Employees	 Community and the public
<b>Issues of concern</b>	<ul style="list-style-type: none"> <li>Operational compliance</li> <li>Green energy development and utilisation</li> <li>Anti-corruption</li> <li>Employment compliance</li> </ul>	<ul style="list-style-type: none"> <li>Wastewater, exhaust gas and waste management</li> <li>Energy use</li> <li>Employment compliance</li> <li>Operational compliance</li> </ul>	<ul style="list-style-type: none"> <li>Customer privacy protection</li> <li>Customer health and safety</li> <li>Information security</li> </ul>	<ul style="list-style-type: none"> <li>Supply chain management risk</li> <li>Operational compliance</li> <li>Employment compliance</li> <li>Anti-corruption</li> </ul>	<ul style="list-style-type: none"> <li>Climate change action</li> <li>Environmental compliance</li> <li>Prevention and handling of environmental incidents</li> <li>Occupational health and safety</li> </ul>	<ul style="list-style-type: none"> <li>Occupational health and safety</li> <li>Prevention of child labour and forced labour</li> <li>Remuneration and benefits</li> <li>Operational compliance</li> </ul>	<ul style="list-style-type: none"> <li>Environmental compliance</li> <li>Ecological protection</li> <li>Rural Revitalisation</li> <li>Promotion of community development</li> </ul>
<b>Communication Mechanism</b>	<ul style="list-style-type: none"> <li>General meeting</li> <li>Site visits</li> <li>Announcements and official website information disclosure</li> </ul>	<ul style="list-style-type: none"> <li>Exchanges and seminars</li> <li>Work reports</li> <li>Negotiation and cooperation</li> </ul>	<ul style="list-style-type: none"> <li>Clients and customers communication meetings</li> <li>Follow-up investigation</li> </ul>	<ul style="list-style-type: none"> <li>Work meetings</li> <li>Business communication</li> <li>Site visits</li> </ul>	<ul style="list-style-type: none"> <li>Business meetings</li> <li>Roadshow summit</li> </ul>	<ul style="list-style-type: none"> <li>Labour union and team building activities</li> <li>Daily communication</li> <li>Emails and notices</li> </ul>	<ul style="list-style-type: none"> <li>Official website information disclosure</li> <li>Business meetings</li> <li>Public welfare activities</li> </ul>

## Materiality Assessment

### Materiality Assessment Process

During the Year, based on the results of the materiality assessment in 2021 and the premise that there was no significant change in the business environment of the Company, we updated and supplemented the material issues of Jingneng Clean Energy concerning the internal and external policy trends such as the “14th Five-Year’ Renewable Energy Development Plan” and the “14th Five-Year’ Modern Energy System Plan” as well as the ongoing topics in the industry.

#### Materiality Evaluation Process



We believe that environmental responsibility, social responsibility and governance responsibility are indispensable parts of the Company’s ESG management process. Therefore, the Group classified the identified 25 ESG issues into three categories for assessment, respectively.

#### List of Material Issues

Environmental (10)	Social (10)	Governance (5)
Climate change action	Training and development	Anti-corruption
Environmental compliance	Innovation and R&D	Operational compliance and risk management
Greenhouse gas emission	Occupational health and safety	Information security
Ecological protection	Employment compliance	Supply chain management
Waste management	Employee rights and interests and protection	Stable energy supply
Wastewater and exhaust gas management	Prevention of child labour and forced labour	
Utilisation of water resources	Customer privacy protection	
Green energy development and utilisation	Customer health and safety	
Prevention and handling of environmental incidents	Charity	
Energy use	Promote community development	

Based on the analysis and judgment of material issues, we identified operational compliance and risk management, clean energy development and utilisation, stable energy supply, employment compliance, environmental compliance, prevention and handling of environmental accidents and anti-corruption to be the high importance issues of the Year. The Report has disclosed these issues of high importance in details in response to the concern of stakeholders.

#### List of Issues of High Importance

Issues of High Importance	Corresponding Section
Operational compliance and risk management	Solid Foundation for Development - Corporate Governance
Green energy development and utilisation	Feature: Supporting the “Dual Carbon” Action
Stable energy supply	Solid Foundation for Development - Stable Energy Supply
Employment compliance	Create a Better Society - Labour Rights
Environmental compliance	Building Green Ecology - Environmental Management
Prevention and handling of environmental incidents	Solid Foundation for Development - Stable Energy Supply
Anti-corruption	Solid Foundation for Development - Corporate Governance

#### Materiality Matrix



## FEATURE: SUPPORTING THE “DUAL CARBON” ACTION

### “Dual Carbon” Strategic Planning

As a major player in supplying clean energy to the capital, Jingneng Clean Energy takes on the responsibility of "dual carbon" by following the laws of nature and being guided by the "dual carbon" goal, actively planning a top-level design for carbon neutrality. In 2022, we established the carbon neutrality office, earnestly implemented the “Carbon Peak and Carbon Neutrality’ Action Plan Guided by BEH Party Building”, and formulated the “Clean Energy Carbon Peak Action Plan”, planning the timetable and roadmap for achieving the goal of "carbon peak and carbon neutrality". On this basis, we regularly compile the *Dual Carbon Work Dynamics*, sort out the latest policies related to dual carbon, analyse the carbon emissions, carbon market transactions, and price situation of the Group, and provide relevant work suggestions to assist the group's strategic decision-making, take practical actions to build a beautiful China, and accelerate the realisation of the "dual carbon" goal.



Seminar on “Dual Carbon” Strategic Planning

### “Party Building + Dual Carbon” Action

In 2022, the BEH proposed the comprehensive implementation of the "Party Building + Dual Carbon" action and outlined a new blueprint for the Party building to fulfil its "green mission". Jingneng Clean Energy actively responded to the call of the BEH and implemented the "Party Building + Dual Carbon" action plan thoroughly. It closely combined Party building with the construction of a clean, low-carbon, safe, and efficient energy supply system, clarified the guiding ideology, goal tasks, organisational structure, methods, and measures of the "Party Building + Dual Carbon" work, implemented the responsibilities of each key unit, and formed a list of "Party Building + Dual Carbon" project tasks, fully integrating them into the safety production and management of the Company at all levels. The Jingneng Clean Energy was awarded the first batch of "Party Building Leads the High-Quality Development Demonstration Base in the New Energy Field" in Beijing and strives to create the "Beijing Model" driven by the dual wheels of "Party Building Lead" and "High-Quality Development".



The Series of “Party Building + Dual Carbon” Activities

The subsidiaries of Jingneng Clean Energy have successively established the “Party Building + Dual Carbon” action leading groups and work groups to give full play to the leading role of Party organisations at all levels in the “Party Building + Dual Carbon” work system. By focusing on responsibilities, the Company mobilised the enthusiasm of the Party branches and the majority of Party members of the Company, stimulated the vitality of Party building, continuously seeks development opportunities of “carbon” and deeply explores the development momentum of the “carbon”.

### Shangzhuang Power “Dual Carbon” Practice

Shangzhuang Power closely focused on the action plan of “Party Building + Dual Carbon” and optimised its service functions. It built the Party building demonstration site of “Party Building + Dual Carbon’ Policy Classroom” and the Party member responsibility area of “Party Building + Dual Carbon’ Talent Team Building” by placing the construction of the “dual carbon power supply station” at the centre of action plan. Through training classes on integrated energy projects jointly built by the Party and the Communist Youth League and organising knowledge competitions, the Company extended the scope of learning and education, and promoted all employees to further deepen the “dual carbon” consensus. Meanwhile, based on operating efficiency, the Group completed the “cost reduction” work plan of Shangzhuang Power, effectively promoting the steady implementation of various energy conservation and carbon reduction work.



Shangzhuang Power Training Course

### The Party Committee of Jingfeng Gas Organised a Special Study and Seminar on “Party Building + Dual Carbon”

Jingfeng Gas held special study seminars, exchanged learning experiences, raised new understandings, talked about “dual carbon” and planned for the future together. Six Party branches and youth league general branches of Jingfeng Gas gave suggestions on “Party building + green development, Party building + energy consumption indicators, Party building + scientific and technological innovation, Party building + energy conservation and emission reduction, Party building + hidden danger management, Party building + low-carbon life”, and made a total of 346 commitments of “I contribute to the dual carbon”.



Jingfeng Gas Special Study Seminar

### “Dual Carbon” Progress

Under the leadership of the Party Committee of the Group, the subsidiaries of Jingneng Clean Energy actively participated in the “dual carbon” business, guided by the construction of large-scale “wind and solar” bases, comprehensive energy construction and distributed photovoltaic construction, we vigorously developed renewable energy projects and prioritised the development of renewable energy business. We earnestly implemented the “wind and solar” strategy, strived to be a model of energy conservation and emission reduction and a promoter of ecological civilisation, to empower and increase the momentum for achieving the “dual carbon” goal. In 2022, all affiliated enterprises fully grasped the opportunities and achieved periodical results in the process of dual carbon, which further enhanced the brand value of Jingneng Clean Energy for green development.



### Southwest Branch

In December 2022, the Zhongshan Huadu Apparel Distributed Photovoltaic Project, the first distributed photovoltaic power station developed and constructed independently by the Southwest Branch, has successfully achieved full capacity grid connection and power generation. After the project was connected to the grid, it is expected to generate an average of 854,600 kilowatt-hours per year, saving approximately 342 tonnes of standard coal per year, and reducing carbon dioxide emissions by about 852 tonnes. This is an important step taken by the Southwest Branch in expanding the field of integrated energy.



Zhongshan Huadu Apparel Distributed Photovoltaic Project



### Northwest Branch

As the "Party Building + Dual Carbon" wind and solar strategic stronghold project of the Northwest Branch, Jingneng Clean Energy has officially started the construction of its first photovoltaic project in Shanxi - the Jingneng Hancheng Sangshuping 100MW Agricultural-Photovoltaic Complementary Power Generation Project. It is expected that after the project is put into operation, the annual average electricity output will reach 160 million kilowatt-hours, saving about 53,000 tonnes of standard coal per year, and reducing carbon dioxide emissions by about 123,400 tonnes.



Jingneng Hancheng Sanshuping Agricultural Photovoltaic Complementary Power Generation Project



### Inner Mongolia Branch

In December 2022, the Wengongwula Wind and Energy Station, a 100MW wind power project expansion consisting of 19 wind turbines, was fully connected to the grid by the Inner Mongolia Branch. After the project is put into operation, it is expected to generate an annual electricity output of 308 million kilowatt-hours, saving about 98,000 tonnes of standard coal per year. The project has both economic and environmental benefits and is of great significance to promote energy conservation and emission reduction, as well as assisting local industrial restructuring.

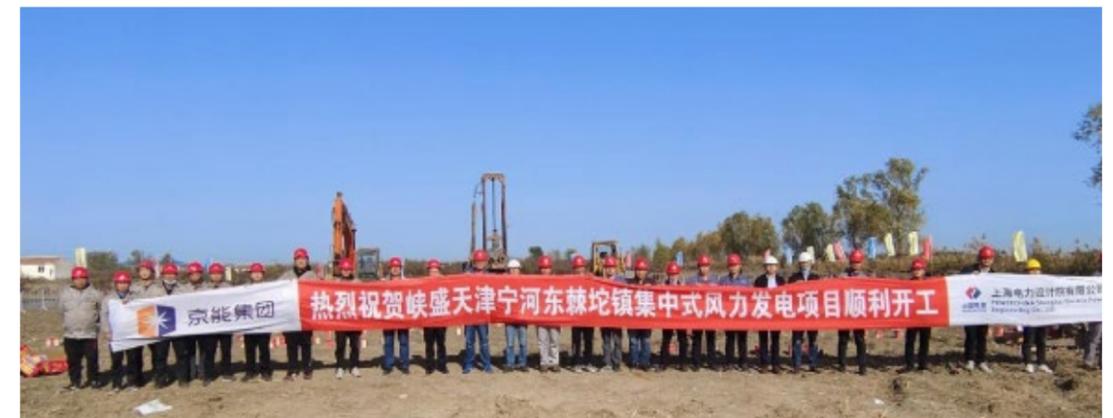


Wengongwula Wind and Energy Station



### Beijing Branch

In November 2022, the Xiasheng Tianjin East Buckthorn 80MW Wind Power Project invested in and constructed by Beijing Branch commenced construction as scheduled. Upon completion, it is expected that approximately 200,000,000 kWh of green electricity can be produced each year, reducing carbon dioxide emissions by 213,000 tonnes, which generates great benefits in promoting the transformation and development of the local economy and improving the living environment.



Xiasheng Tianjin East Buckthorn Project



# 01

## SOLID FOUNDATION FOR DEVELOPMENT

Jingneng Clean Energy is committed to pursuing a high standard of corporate governance, establishing a robust internal control and risk management system, standardizing its own business ethics standards, implementing information security responsibilities, ensuring stable energy supply, and consolidating its governance capacity building while promoting the high-quality development of the Company, thus laying a solid foundation for its sustainable growth.

- Corporate Governance
- Information Security
- Stable Energy Supply

# Corporate Governance

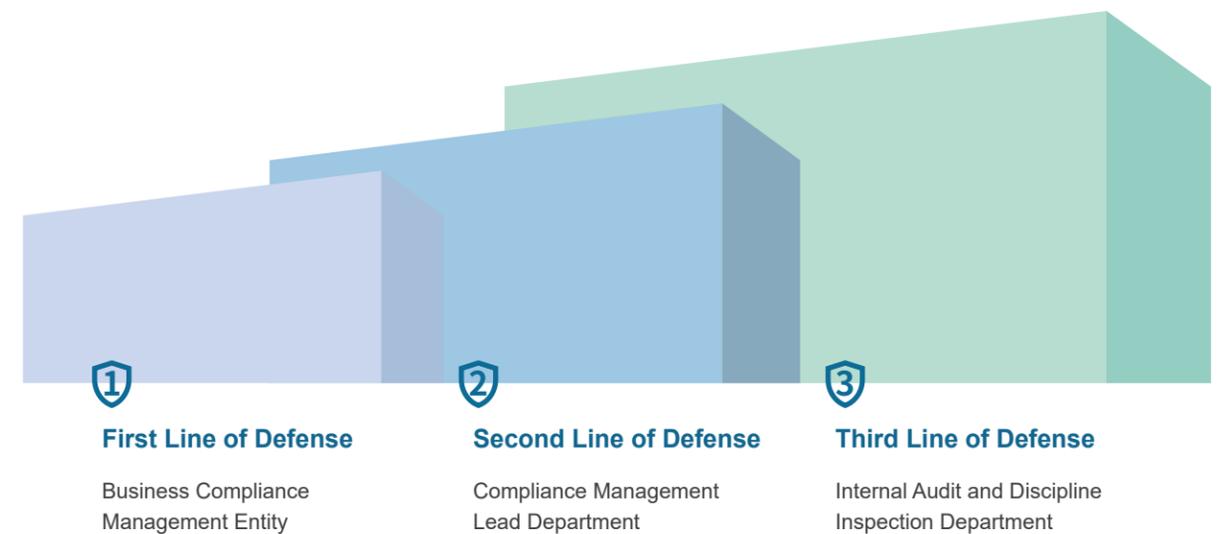
## Compliance, Internal Control and Risk Management

Compliance management serves as an effective lever to implement the strategy of running the Group in accordance with the law and runs through the main line of production and operation of the Group. We attach great importance to the construction of a compliance management system, strictly abide by relevant laws and regulations such as *the Company Law of the People's Republic of China*, strengthen target guidance, implement control responsibilities, and adhere to first-class standards in building a compliance management system. To further ensure the functional division and standardised operation of each institution, the Group has formulated institutional regulations such as *the Rules of Procedure for Shareholders' Meetings*, *the Rules of Procedure for Board Meetings*, and *the Rules of Procedure for Supervisory Board Meetings*. By establishing a precise internal control system and an all-staff compliance responsibility system, we strive to achieve effective integration and mutual promotion between compliance management and other management systems, maximise management efficiency, and provide sustained impetus for the long-term development of the Company.



Jingneng Clean Energy has established a compliance management system and internal control management system that clearly define responsibilities, cover all aspects, highlight key areas, standardise processes, are practical and effective, and comply with the Company's management regulations and business characteristics. Important management systems such as *the Internal Control Management Measures*, *the Compliance Management Measures*, and key area compliance guidelines have been established. The key areas, key links, and key personnel for compliance management have been identified and clarified, and a three-tier defence system for internal control, compliance, and risk management has been built through process control, creating collaboration and coordination among relevant functional departments. We have established a comprehensive risk management system and spare no effort in conducting major risk assessments, guided by *the Central Enterprise Comprehensive Risk Management Guidelines* and *the Enterprise Internal Control Basic Norms*, and based on *the Comprehensive Risk Management Measures* of the Group. We have used various investigation methods to identify and recognise the potential risks of Jingneng Clean Energy and supplemented and improved the risk identification checklist and risk event database based on the analysis results. We have effectively sorted the possibility and impact of risks to achieve precise prevention. During the Year, two major risks at the headquarters level of the group have been identified, namely policy and regulatory risks and macro-environmental risks. Therefore, we have formulated response strategies and risk response measures, prepared major risk solutions, and laid the foundation for preventing major risks for the Year. At the same time, we are gradually planning a complete system that integrates legal, compliance, internal control, and standardisation, promoting high-quality development of the Company.

### Three Lines of Defense for Risk Management



In addition, the Group attaches great importance to the cultivation of internal compliance management awareness and ability improvement, actively carries out compliance management professional training meetings, provides targeted compliance training for relevant personnel at all levels, and comprehensively promotes the construction of a compliance system.

### Case: Jingneng Clean Energy compliance management professional training meeting

To comprehensively initiate the construction of the compliance system, in October 2022, Jingneng Clean Energy held a summary and promotion conference on the development of the compliance system and professional training for compliance management. The meeting shared experiences in regard to the construction of the compliance system of each trial unit and made specific requirements accordingly. The main leaders of the affiliated enterprises, leaders in charge of compliance work, and relevant responsible persons have participated in the meeting.



Compliance Management Professional Training Meeting

Strengthen organisational management, clarify management responsibilities, effectively integrate resources, and form a collaborative work pattern across departments and levels.

Based on system construction, accelerate the transformation of "external regulation" to "internal regulation", and strengthen the rigid constraint of the system



Combining the "key minority" of leading cadres with the establishment of compliance responsibility system for all employees to form a unified compliance new trend

Establish a management mechanism suitable for the actual situation of the enterprise and realise the true integration of compliance management and operation management

### Case: The Southern China Branch Held the Kick-off Meeting for Internal Control Improvement

In April 2022, the Southern China Branch held a kick-off meeting for the improvement of the internal control system, made overall arrangements for the work plan of the internal control system of the Southern China Branch, and studied the system construction procedures and methods. The Southern China Branch intends to establish an advanced, comprehensive, highly operable and long-term effective internal control system, to ensure the effective combination of standardised systems, internal control systems, compliance systems, and practical management, effectively improving the management levels of daily work and safeguarding the protection for the decision-making of major economic events and the realisation of strategic goals.



Internal Control Improvement Kick-off Meeting

## Business Ethics

The Group strictly abides by the *Anti-Money Laundering Law of the People's Republic of China*, the *Anti-Unfair Competition Law of the People's Republic of China*, the *Certain Regulations on the Integrity of Leading Personnel of State-owned Enterprises* and other relevant national laws and regulations on the prevention of corruption, bribery, extortion, fraud and money laundering. The Group has issued and implemented a series of systems and management regulations covering the whole Company, such as the *Regulations on the Construction and Management of Party Ethics and Clean Government* and the *Regulations on the Management of Discipline Inspection Work*. The Group adheres to the principle of combining self-restraint with inspection and supervision, and combining rewards and punishments, implements the responsibility system for the construction of Party conduct and clean government, and has made detailed provisions on the working methods of discipline inspection and complaint reporting and acceptance within the Company. In addition, the anti-corruption leading group established by the Company comprehensively supervises various violations of laws and disciplines such as internal corruption and bribery, private fraud and seeking personal gains with power. During the Reporting Period, the Group did not have any cases of non-compliance with laws and regulations relating to corruption, bribery, extortion, fraud and money laundering.

We continually improve our anti-corruption work, and formulated a series of preventive measures based on the actual situation, including analysis and judgment, responsibility decomposition, conversation and reminder, supervision and linkage, selection and checking, and backtracking and accountability, to further strengthen the supervision and inspection in project construction and material procurement, and prevent the occurrence of corruption incidents. In order to better carry out anti-corruption related work, we have set up multiple channels for petition and whistle-blowing, including telephone, letter and face-to-face reporting, and strictly implemented the procedures for handling whistle-blowing in accordance with the *Measures for the Administration of Letters and Visits of the Discipline Inspection Commission*, so as to ensure that the whistle-blowing work is properly handled and the protection measures for whistle-blowers are also stipulated.

The Company attaches great importance to the cultivation of anti-corruption awareness, and has actively carried out a number of integrity education activities and anti-corruption publicity and education for the board of directors and personnel at all levels of the Company, and cultivated the anti-corruption awareness and integrity of all employees. At the same time, the Group issues integrity reminders on a regular basis and reminds employees of strict discipline.

### Case: 2022 Party Building Work Conference

In March 2022, the Jingneng Clean Energy Party Committee held a meeting on the comprehensive and strict governance of the Party (Party building) work for 2022, and some board members and senior management personnel attended the meeting. The meeting proposed to strengthen anti-corruption and promote integrity, strictly manage discipline, and seriously take stock typical problems that exist in the work, learn from cases, promote improvement and prevent secondary incidents. It is emphasised to tighten the responsibility chain at all levels, and while improving the system and mechanism, to further promote the clean governance and anti-corruption capability, take a further step on the road of integrity and discipline.



Party Work Conference

# Information Security

## Information Security and Privacy Protection

The Group is committed to continuously improving information security management and providing security for customer information. We strictly abide by the *Cybersecurity Law of the People's Republic of China*, the *Regulations of the People's Republic of China on the Safety Protection of Computer Information Systems* and other relevant laws and regulations and have developed the internal Confidentiality Management Measures and the Network and Information Security Management Measures in accordance with the normative guidance documents, which set out clear requirements for data management and secret collection management. All employees are required not to disclose any data to third parties without approval. For personnel in positions involving internal confidential and intellectual property content, they must sign a confidentiality agreement, and regular supervision and inspection of privacy protection operation procedures are conducted. At the same time, to comprehensively improve the ability of information security protection, the Company actively carried out employee confidentiality awareness training during the Year. All employees of the Company strictly implemented the Company's confidentiality management measures and work procedures to comprehensively ensure customer information security.

### Case: Shangzhuang Power Network Security Practice

In 2022, in order to actively improve the information security management capability and strive to build a more comprehensive network security management system, Shangzhuang Power has developed and issued the *Implementation Rules for the Network Security Responsibility System of Beijing Shangzhuang Gas-fired Power Co., Ltd.* and the *Compilation of Professional Standards and Systems of Information of Shangzhuang Power*. These include 32 information professional and information system security standards and regulations, which provide an effective reference for all staff to enhance their information security capabilities and promote the development of information security management capabilities of Shangzhuang Power.

# Stable Energy Supply

## Quality Management

Jingneng Clean Energy attaches great importance to quality management in production and operation and is committed to building a comprehensive quality and safety management system. We always strictly comply with laws and regulations such as the *Product Quality Law of the People's Republic of China*, and have established internal regulations such as the *Regulations on Engineering Quality Management*, the *Construction Management Process*, and the *Regulations on Maintenance Quality Management* to standardise the quality management of infrastructure construction, clarify the quality control responsibilities at all levels and project acceptance standards. We also handle maintenance standards with precision, effectively ensuring the quality of engineering construction, comprehensively improving the ability and level of quality management, and creating a responsible business entity.

## Safety Management

Jingneng Clean Energy always bears in mind the safety concept of "Life First, Safety First" and strictly abides by relevant laws and regulations such as the *Work Safety Law of the People's Republic of China* and the *Measures for the Administration of Contingency Plans for Work Safety Accidents*. On this basis, we have further formulated safety management system documents such as the *Work Safety Regulations*, the *Management Measures for Safety Assessment* and the *Regulations on the Safety Supervision and Administration of Power Construction Projects* to implement full participation, whole-process control and comprehensive management approach. We have established and improved the production safety responsibility system, carried out regular safety inspections such as "risk identification and evaluation" and "safety and environmental protection performance ability assessment", analysed common problems and prominent hidden dangers, and formed a special rectification mechanism for production safety that implements source control, system governance and comprehensive treatment for safety management defects and hidden problems in production safety.

To ensure safe and stable production and provide continuous and reliable power supply, we have formulated and strictly implemented corresponding management standards in all aspects, including behavioural safety, equipment safety and environmental safety. We have established a dual prevention mechanism for safety risk classification control and hidden danger investigation and rectification, as well as a three-level safety supervision system, creating favourable conditions for safe and stable production of the Company, the continuous improvement of safety production level and a stable, positive safety production situation.

In 2022, Jingneng Clean Energy continued to build a distinctive safety culture management model. Through various methods such as creating a safety culture corridor, publicity platforms, theme lectures, and warning education, we inspire employees to actively learn safety knowledge, consciously abide by safety rules and regulations, and strive to improve employees' safety production awareness and capabilities.

Name of Indicators	Unit	2022	2021
Investment for production safety	ten thousand	8,885	7,313
Number of major equipment accidents	times	0	0
Number of general equipment accidents	times	0	0
Number of emergency drills	times	893	794
Number of employees trained in production safety	person-times	27,318	22,102

### Case: Jingyang Power was Awarded the National Safety Culture Construction Demonstration Enterprise

Jingyang Power has been promoting the concept of safety culture and continuously innovating the achievements of safety culture construction. During the Year, Jingyang Power combined with the actual situation of enterprise safety production to reorganise the "Safety Culture Construction Plan" and update and release the "Safety Culture Manual". Through innovative methods, a new chapter in safety culture construction has been opened, and it has been highly recognised by the China Association of Work Safety, and awarded the National Model Enterprise for Safety Culture Construction.

#### Organise all employees to participate in safety education

By launching various methods such as safety sharing, safety lectures, experiential training, animation promotion, and simulation training, employees' enthusiasm for participating in safety training has been stimulated, and the effectiveness of safety training has been improved.

#### Innovative methods to assist safety management

We adopted the digital safety management and control platform for mobile terminals to carry out hidden danger investigation, special safety inspection, high-risk operation management and safety training, achieving the purposes of improving work efficiency, clarifying safety responsibilities, standardising safety management and reducing work intensity.



Safety-themed Activities

In June 2022, Jingyang Power carried out a summer safety inspection during the peak season, focusing on the inspection of hidden dangers in equipment and facilities, flood control and epidemic prevention, gas pipeline, hazardous chemical management, etc. A total of 33 problems were identified during the inspection, all of which were assigned to the responsible persons and the corrective actions were initiated immediately. The safety supervision department of Jingyang Power will continue to supervise the effectiveness of the rectification measures.



Safety Inspection

### Case: Northwest Branch Carried Out Safety Education and Training Assessment

To further enhance employees' safety awareness and improve their safety level, Northwest Branch carried out the first annual safety knowledge transfer test in March 2022. The test covered contents such as *the Work Safety Law* and *the Work Regulations on Electricity Safety*, with a total of 37 employees from 23 sites participated. The examination effectively strengthened the training and learning of production safety knowledge, as well as the implementation of various safety work, continuously consolidated the foundation of enterprise safety management, and promoted the continuous improvement of safety management level of Northwest Branch.



Safety Knowledge Transfer Examination



## PROMOTING INDUSTRIAL DEVELOPMENT

Jingneng Clean Energy has always adhered to the innovation-driven strategy. Guided by the strategies of “Smart Jingneng” and “Digital Jingneng”, Jingneng Clean Energy firmly grasped the requirements of high-quality development, focused on the main work line of digital empowerment, benchmarking first-class, and innovation and efficiency, and actively explored the path of independent innovation. At the same time, we strengthened supply chain management, coordinated development with upstream and downstream of the industrial chain, enhancing the core competitiveness of enterprises, and creating a sustainable ecological industrial chain.

Innovation-driven  
Supply Chain Management

# Innovation-driven

## Technological Innovation Management

In response to the national strategy of innovation-driven development, Jingneng Clean Energy regards technology as the primary productivity. Focusing on BEH's "1+1+N" technological innovation system, it continuously improves the technological innovation system and mechanism, fully exerts the transformation effect of the achieved technological innovation results, accelerates the construction of smart power plants, opens up a new direction of "green and low-carbon" through technological innovation, and achieves the new goal of innovation-driven high-quality development of the Company.

### Case: Gaoantun Power was Awarded the National High-tech Enterprise Certificate

Gaoantun Power closely aligned with the construction of smart power plants and carries out technological innovation to continuously improve the quality of production and operation services. In March 2022, Gaoantun Power was awarded the title of National High-tech Enterprise, which signifies its development in areas such as independent innovation capabilities, integration-applying levels, digitalisation and intelligence of the energy industry, and efficient energy utilisation has received widespread recognition from society.



Gaoantun Power High-tech Enterprise Certificate

### Case: Beijing Branch Won the First Prize of 2022 Science and Technology Progress Award of CEPCA

In December 2022, the two scientific and technological achievements of "Key Technology and Application for Construction and Efficient Operation of Large-Capacity Intelligent Wind Farm Cluster in Complex Environment" and "Research and Application of Internet + New Energy Engineering Digital Information Management Platform" declared by Beijing Branch-Zhangjiakou Green Power Comprehensive Application Demonstration Project of Beijing Winter Olympics won the first prize in the Science and Technology Progress Award of CEPCA (China Electric Power Construction Association), the highest science and technology award in the power construction industry. The achievements have made significant breakthroughs in technology integration, developmental research and application, and management level, playing an important role in solving technical problems in new energy engineering and further promoting high-level technological innovation in the electric power construction industry.



Beijing Winter Olympics Zhangjiakou Green Power Comprehensive Application Demonstration Project

## Intellectual Property and Patent Protection

Intellectual property protection is a solid guarantee driven by the Group's innovation. We always strictly abide by the Patent Law of the People's Republic of China, the Copyright Law of the People's Republic of China, the Trademark Law of the People's Republic of China, the Regulations on the Confidentiality of Science and Technology and other laws and regulations. We have formulated various management systems and incentive measures such as the Management Measures for Scientific and Technological Projects, the Management Measures for the Promotion and Application of High and New Technology, and the Incentive Mechanism for Scientific and Technological Progress to standardise the management of scientific and technological innovation and strive to build a standardised intellectual property protection and achievement guarantee system. During the Reporting Period, the Group obtained a total of 123 technological awards, patents and software copyrights, and there were no major violations of laws and regulations related to intellectual property rights.

## Digital and Intelligent Applications

Jingneng Clean Energy accurately grasps the development trend of digitalisation, intelligence, greenisation and integration. Guided by the working ideas of "Smart Jingneng", Jingneng Clean Energy continues to increase technological innovation layout and R&D investment, make precise efforts in the field of building smart power plants, take multiple measures, and use digital measures to enhance our safety production and supply capacity and economic operation level, so that digital innovation has become the genetic code for Jingneng Clean Energy to maintain its youthful vitality forever.

### Case: Intelligent Supervision Centre

As a paradigm of smart power plant construction research and demonstration projects, in 2022, the Jingneng Clean Energy Smart Supervision Centre Project was officially launched and put into operation, ushering in a new intelligent and digital operating model. The project consists of platform smart supervision centre, regional centralised control centre, green power innovation centre and subordinate gas-fired power plants. Through the application of new generation of information technology such as cloud computing, big data, internet of things, mobile Internet, artificial intelligence, etc., the Group conducted full data collection for its stations, realised centralised monitoring of regional stations, formed a three-level management system of "Platform Intelligent Supervision Centre-Green Power Innovation Centre-Station", and realised a new low-carbon production model of "unmanned operation, minimal staff, centralised monitoring, and intelligent operation and maintenance", effectively promoted the intelligent development of the Company, and helping to drive the high-quality digital transformation of the industry, and contributed to the creation of Group's "Smart Jingneng" strategy.



Intelligent Supervision Centre Project

### Case: Digital Security Management Platform

In April 2022, Jingneng Clean Energy officially launched the digital security management platform. Through diligent design, research and development, the platform has innovated an upward and centralised information system construction method, unified development and management, and effectively reduced construction costs; developed the "Internet +" safety management tool that closely followed the front-line scenarios of safe production, focused on grassroots users, maintained renewal and superposition, and continuously improved user experience. At the same time, the records of responsibility performance are monitored at all times, and real-time ledger records are generated based on actual responsibility performance, which make safety responsibilities clearer, management process more transparent, and performance evaluation more reasonable, effectively promoting the integrated management of safety work.



Digital Security Management Platform

# Supply Chain Management

## Whole-process Management of Suppliers

Jingneng Clean Energy highly values responsible procurement and supply chain management. To optimise supplier resources, we have established a long-term mutual supply-demand relationship with suppliers to incentivise suppliers to continuously improve their own service quality and reduce procurement risks. The Group strictly abides by *the Bidding Law of the People's Republic of China* and other relevant laws and regulations, and has formulated a series of management measures for all suppliers, such as *the Contractor Safety Supervision and Management Measures*, *the Bidding Management Measures*, *the Supplier Management Measures* and *the Contract Management Measures*, to deepen the whole-process management. Through the control of access, review and exit, the environmental and social risks of suppliers are assessed, the foundation of responsible procurement is consolidated, and the value chain is promoted to jointly fulfil social responsibilities.

Admission Management

- The decentralised admission process is implemented by combining unified registration and qualification certification through the use of the group's e-commerce platform.
- Suppliers can apply for admission through self-recommendation, internal recommendation, and proactive invitation, and are subject to qualification review before being admitted in accordance with the supplier's centralised procurement admission, bidding admission, and decentralised procurement admission processes.

Audit Assessment

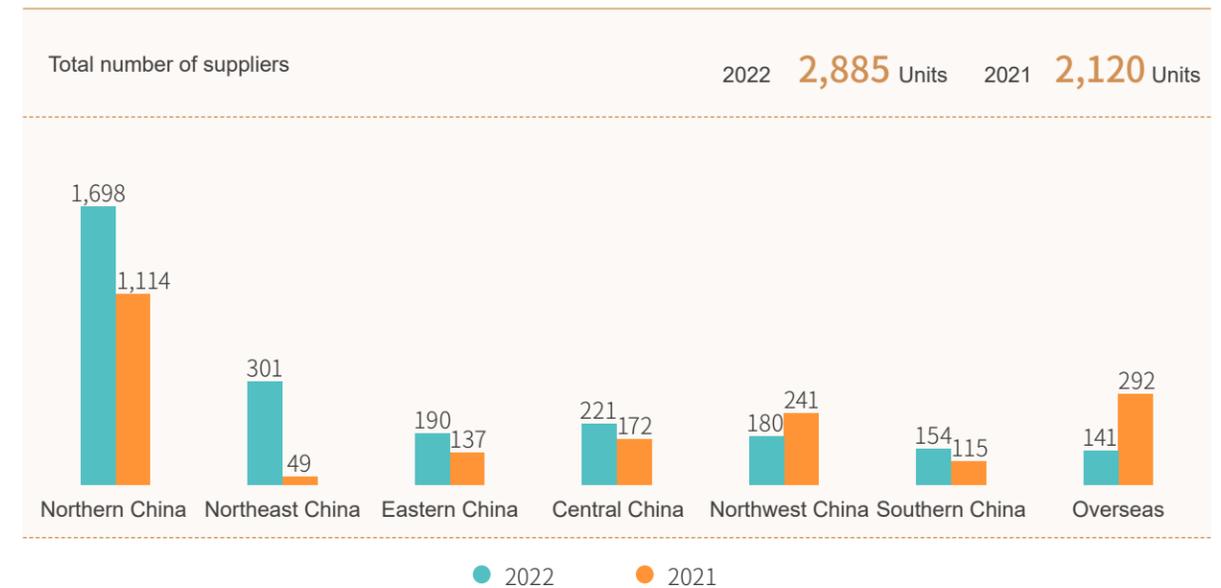
- Comprehensive evaluation is conducted through three preliminary evaluation stages: qualification review, formal review, and responsiveness review.
- Regularly inspect the compliance situation, and conduct dynamic assessment of supplier qualifications, procurement process, contract execution, and usage effectiveness.

Exit Mechanism

- Disposal measures are implemented for suppliers with poor behavior, including warning, suspension of quoting qualifications, and placement on a blacklist.
- Serious offenders are subject to expulsion in accordance with *the Supplier Evaluation Measures*.



Number of Suppliers by Geographical Region:



There are **1,013** suppliers certified by quality, occupational health, and safety, environmental or energy management systems.

**Case: Southwest Branch Carried Out Contract Management Training**

In April 2022, Southwest Branch carried out a cadre lecture training activity of "Strengthening Contract Management and Improving Risk Prevention Awareness". The training conducted an understanding of the important provisions of the Contract Management Measures, summarised and analysed the implementation of contracts in recent years by putting forward the key points of contract signing, performance and management using examples. This training effectively improved the contract management risk awareness of cadres and employees and enriched the contract management business knowledge. More than 90 leaders, middle-level cadres, and managers from various departments of Southwest Branch participated in the event.

Contract Management Training

## Green procurement

As an important part of promoting green and low-carbon development, green procurement has been incorporated into the Group's responsible procurement philosophy. During the green procurement process, we strictly adhere to the provisions of current systems and related monitoring methods, such as *the Industrial Structure Adjustment Guidance Catalog* and *the Elimination Equipment Catalog*, to strictly control the segment of equipment and material procurement, performing irregular audit and inspection to suppliers; We prioritise the purchase of products with green attributes, renewable energy, and renewable water marks, and minimise natural resource consumption. We also prefer local suppliers and promote localised procurement to reduce the environmental impact of logistics and transportation.

## BUILDING GREEN ECOLOGY

Jingneng Clean Energy actively responds to the national call, continues to implement the concept of green development, taking an aggressive approach towards addressing climate change, environmental protection and governance, resource utilisation, pollution prevention and emission management, and ecological protection to promote the green development of the Company to a new journey.

Respond to Climate Change

Environmental Management

Use of Resources

Pollution Prevention and Emission Management

Ecological Protection

# Respond to Climate Change

## Climate Change Governance

In response to the global major issue of climate change, Jingneng Clean Energy, as a pioneer of clean energy, actively responds to the national call for “carbon peak and carbon neutrality” and incorporated the climate change governance policy into the “14th Five-Year Plan” of Jingneng Clean Energy. The Jingneng Clean Energy ESG taskforce actively participates in the management of major climate-related issues, evaluates major risks and opportunities in accordance with the TCFD framework, and deeply analyses the impact of climate change on the Company, to ensure climate change-related issues to be one of the routine considerations in the Company’s development and governance.

### Identify Climate Change Risks

Risk types	Risk Description	Response Measures
Transformation risk	The Company’s natural gas power generation and heat supply business are highly dependent on fossil fuels and are susceptible to policy changes.	To lead with technological innovation, we continuously improve energy efficiency, reduce natural gas consumption, and strengthen endogenous development power.
Market risk	The Company’s projects require high initial investments and have long payback periods, and the main businesses and revenue are highly correlated with carbon emission.	We take a rigorous approach and use scientific methods to calculate carbon emissions data, fulfil our obligations on time, and disclose the data externally.
Physical risk	Some of the Company’s businesses may be affected by extreme weather events such as floods, fires, and storms, which can reduce revenue and increase costs due to the impact on power generation facilities and operating efficiency.	We have hired special agencies to assess the risks of natural disasters and accident disasters and prepare emergency response plans, as well as developed the early-warning mechanism for physical risks.

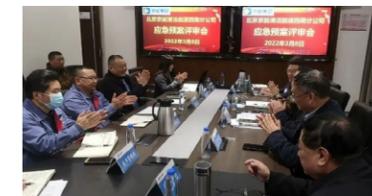
### Seize Climate Change Opportunities

China actively promotes the dual-carbon initiatives, and the accelerated transformation of energy consumption structure towards a clean and low-carbon direction has created a historic business growth opportunity for the Company. The installed capacity and power generation will grow rapidly, and the investment in renewable energy will increase significantly, providing a good opportunity for the development of the clean energy industry.

To address the risks posed by climate change to our production and operation, the Company has developed relevant measures such as the *Emergency Response Plan for Emergencies* and the *Special Emergency Plan for Natural Disasters*, organised emergency drills, and conducted special inspections for preventing cold weather and freezing as well as for flood prevention and drought resistance.

### Case: Southwest Branch’s Response To Climate Change

In March 2022, Southwest Branch invited experts from Sichuan Electric Power Association to convene an emergency plan review meeting. At the meeting, experts conducted a detailed review of the Group’s emergency plan and provided authoritative and practical amendments. A total of 1 comprehensive plan, 26 special plans and 33 on-site disposal plans were reviewed, which is of guiding significance for the Southwest Branch to strengthen emergency management.



Southwest Branch Emergency Plan Review Committee

In the third quarter of 2022, Sichuan and Yunnan encountered extreme drought weather, resulting in a rare increase in electricity prices during the flood season. The main power station of Southwest Branch actively tracked the latest weather forecast by implementing the production capacity forecast mechanism, carried out load forecast in real time for changes in rainfall and hydrology situations, and accurately calculated the expected production capacity on a daily basis to achieve day trade balance. At the same time, Southwest Branch strengthened communication with other plants, which was reciprocal and able to avoid deviation. It avoided the assessment of market-oriented power deviation, took multiple measures to balance production capacity, and reduced the adverse impact of climate change.



Southwest Branch Hydropower Plant

In addition, during the Year, Jingneng Clean Energy vigorously promoted the green and low-carbon process, carried out low-carbon technology research, explored and participated in power spot trading and carbon market trading, coordinated, and improved carbon asset management, and gave full play to the leading role of environmental protection.

#### CCUS

In 2022, the Group launched a comprehensive CCUS project research, organising domestic CCUS project research through coordinating with the Energy Research Institute and collaborative units. The preliminary research focused on major aspects such as the size of power plant sites, the connection of boiler flue gas, CO<sub>2</sub> storage and transportation conditions, and transportation, to prepare for the selection of the next application scenario.

#### International Green Certificate

To cultivate the advantages of Jingneng’s clean energy in clean energy industry, we actively promoted international green certificate trading during the Year, organising centralised sales of International Renewable Energy Certificates (I-REC). We coordinated with Beijing Branch, Northeast Branch, and Inner Mongolia Branch to sell a total of 195,000 I-RECs for the year 2021, with a transaction value of RMB 523,500. Going forward, the Group will continue to explore users’ demand for green consumption and fully participate in green energy and green certificate trading, making a practical contribution to environmental improvement and carbon neutrality.

#### Carbon Neutral ABS

In April 2022, Jingneng Clean Energy successfully issued the first batch of carbon-neutral ABS products for Beijing state-owned enterprises. The underlying assets were receivables from renewable energy subsidies, involving a total of 10 wind and solar power projects. The total issuance scale of the project was RMB 1 billion, and the priority level coupon rate was 3.07%, which was the lowest in the market for similar products when issued. According to the evaluation of green rating agencies, the green level of the underlying assets and the Company’s overall performance in other aspects were outstanding, and the prospect of achieving the established carbon emission reduction and environmental benefit goals was excellent. The project was awarded the highest G1 green level and received high recognition from investors.

Indicators and Targets

Compared with the previous planning period, the carbon emission intensity of unit investment shall decrease at the end of "14th Five-Year Plan" period by

30%

At the end of the "14th Five-Year Plan" period, the proportion of installed capacity of renewable energy power generation shall not be less than

70%

Greenhouse Gas Emission Data

Name of Indicators	Unit	2022	2021
Direct GHG emissions (Scope 1) <sup>1</sup>	Ten thousand tonnes of CO <sub>2</sub> e	860.57	882.90
Indirect GHG emissions (Scope 2) <sup>2</sup>	Ten thousand tonnes of CO <sub>2</sub> e	5.69	5.98
Other indirect GHG emissions (Scope 3) <sup>3</sup>	Ten thousand tonnes of CO <sub>2</sub> e	0.09	0.06
Total GHG emissions	Ten thousand tonnes of CO <sub>2</sub> e	866.35	888.94
GHG emissions intensity	Ten thousand tonnes CO <sub>2</sub> e/ hundred million kWh	2.37	2.72

<sup>1</sup> Scope 1 emissions mainly come from stationary combustion equipment, road mobile sources and refrigerants in Power gas stations. The calculation methods and emission factors refer to the Guidelines for Accounting and Reporting Greenhouse Gas Emissions of China Power Generation Enterprises (Trial), the Guidelines for Accounting and Reporting Greenhouse Gas Emissions of Road Transport Enterprises (Trial) and the IPCC GHG Calculation Tool.

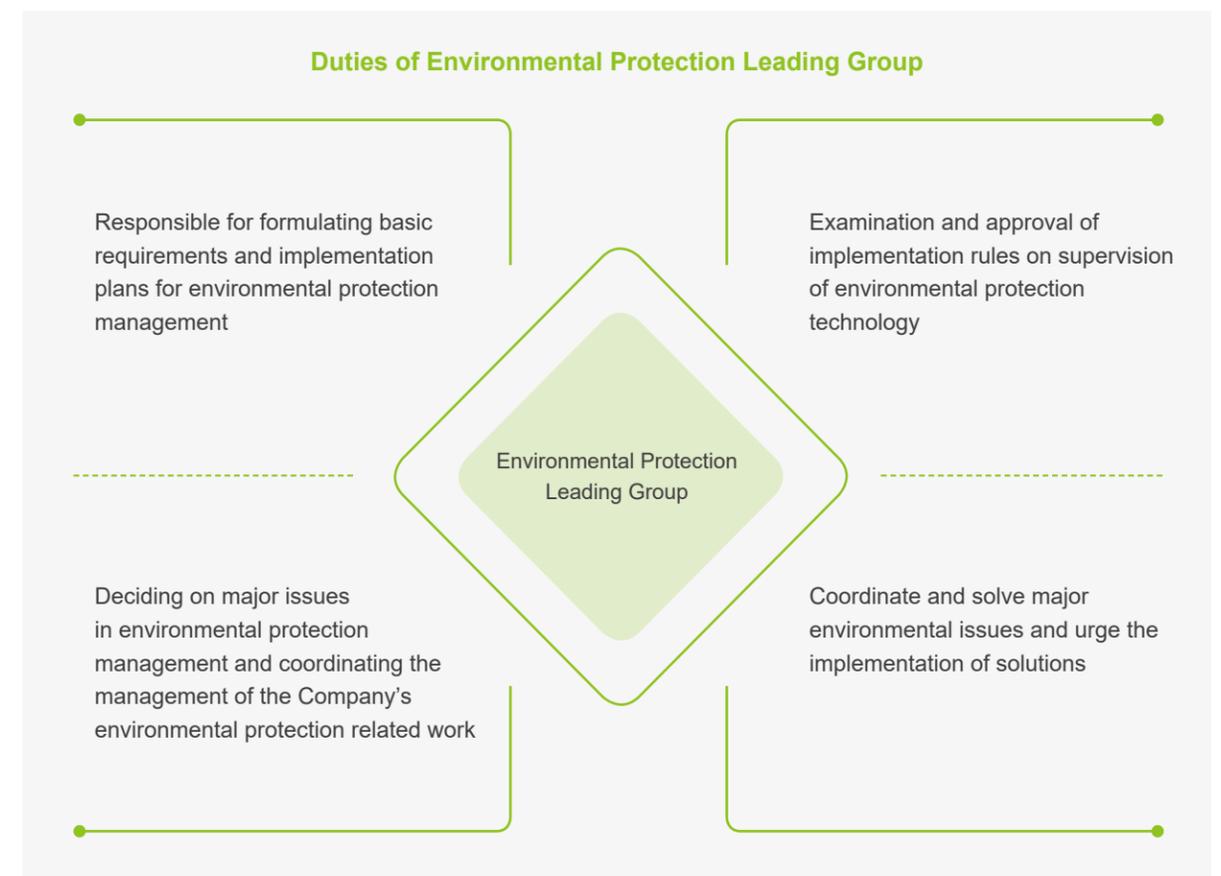
<sup>2</sup> Scope 2 energy indirect emissions are indirect GHG emissions resulting from the generation of purchased or acquired energy by the Group. The Group's energy indirect GHG emissions only come from purchased electricity. The electricity emission factor refers to the Notice of the Ministry of Ecology and Environment on Doing a Good Job in the Reporting and Management of Greenhouse Gas Emissions of Power Generation Enterprises from 2023 to 2025 and the National Greenhouse and Energy Reporting (Measurement) Determination 2008 (Schedule 1) of the Department of Industrial Science, Energy and Resources of Australia.

<sup>3</sup> Scope 3 other indirect emissions cover other indirect emissions that occur outside the Group. The scope of statistics includes paper waste and business travel. The data is calculated based on "Appendix 2: Reporting Guidance on Environmental KPIs" of "How to Prepare an ESG Report" and "China Environmental Input-Output Database (CEEIO)" published by the Hong Kong Stock Exchange.

# Environmental Management

## Integrated Environmental Management

The Group has made every effort to mitigate the environmental and natural resource impact resulting from the natural gas heating and power generation businesses. We have solidly promoted comprehensive environmental management, strictly abide by the *Environmental Protection Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, the *Law of the People's Republic of China on the Prevention and Control of Water Pollution*, the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste* and other relevant laws, regulations and systems, and formulate the *Regulations on Environmental Protection Management* based on the actual situation of the Group to clarify the division of responsibilities for environmental protection work in each department, and provide detailed provisions on pollution permits, emission monitoring, environmental statistics, information disclosure, inspections, and assessments for construction and production projects. In addition, each subsidiary of the Group has established an environmental protection leading group, to manage in strict accordance with the Group's policy system.



To continue strengthening environmental management, the subsidiaries of the Company keeping abreast of environmental policy trends and implemented the *Environmental Protection Management Work Plan* and the *Three-year Rolling Plan for Environmental Protection Work* to comprehensively control environmental compliance, and conducted regular supervision and review through environmental inspection mechanisms. In 2022, the Group carried out a comprehensive environmental protection inspection on each subsidiary and urged the inspected units to rectify the problems in a timely manner, to ensure that full-scale and process-wide environmental management is implemented in every aspect of the work.

# Use of Resources

## Comprehensive Management of Resource Utilisation and Energy Conservation

The Group earnestly implements *the Energy Conservation Law of the People's Republic of China* and other relevant national laws and regulations and energy sector standards. Through the implementation of normalised management procedures such as *the Energy Conservation Management Regulations* and *the Implementation Rules for Energy Conservation Technology Supervision*, the Group has made detailed provisions on energy conservation basic management, energy conservation operation and scheduling, fuel energy conservation management, energy conservation technology management, key energy conservation technology promotion, water conservation, energy conservation training, energy conservation and emission reduction evaluation, etc. The responsibilities of energy-saving positions are clearly defined, and the management of energy use is institutionalised through the form of position responsibility systems and energy consumption quotas. By implementing comprehensive internal energy-saving management measures such as benchmarking evaluations and hierarchical management, the behaviour of saving energy in the production process is regulated. The Group also cultivates energy-saving awareness among employees, continuously improves the construction of energy management systems, and strengthens scientific management of energy, insisting on the dual importance of management and technological innovation, and effectively enhancing the technical transformation of the power enterprise.

### Case: Shangzhuang Power Energy Saving Practice

Shangzhuang Power actively implemented the requirements of the Company's green development action, established an energy-saving optimisation and carbon reduction team, actively participated in energy-saving management, formulated energy-saving and carbon reduction measures, prepared energy-saving manuals for generating units, implemented regular supervision, and reduced energy consumption indicators such as heating, cooling, water and electricity in production areas and office areas, thereby reducing carbon emissions. In addition, Shangzhuang Power established the "Energy Conservation and Emission Reduction" youth commando team, which was set up by the operating young employees, to fully arouse the young people's enthusiasm for "dual carbon" work. The commando team regularly organised communication and discussion and put forward many valuable opinions on energy-saving technical measures for unit shutdown, cooling and energy-saving operation during summer shutdown, energy-saving for non-productive use of office buildings, and statistical analysis of unit operation and economic indicators, which effectively improved the energy-saving awareness of operators.



Shangzhuang Power Energy Conservation Promotion Poster

## Energy Management

The Group has established an energy management system based on the standard *Requirements for Energy Management Systems GB/T23331-2020* and has passed the third-party supervision and audit review. At the same time, we follow the management measures such as *the Energy Conservation Implementation Plan of Jingneng Clean Energy* to carry out comprehensive energy conservation and set the overall goal of continuous reduction of energy consumption and improvement of energy efficiency. In accordance with national or local management regulations and the actual situation of the Company, each subsidiary has also set relevant energy-saving and efficiency targets, including annual targets for power generation, heat supply, electricity consumption, heat consumption and comprehensive power supply consumption are refined and decomposed into monthly targets, which are managed and evaluated by the production department at different levels to ensure continuous improvement in energy efficiency while ensuring stable production.

## Use of Water Resources

The Group has established relevant regulations such as *the Administrative Measures for Energy and Water Conservation* and *the Administrative Regulations on Statistics of Energy and Water Conservation*, and urged all subsidiaries to strictly implement and decompose water consumption indicators to continuously improve water resource management capabilities. At the same time, we set water efficiency targets, which aim to strengthen technological innovation, continuously promote new technologies, new processes, and new materials, and comprehensively improve water resource utilisation efficiency to gradually reduce water consumption. In addition, all subsidiaries have obtained the water withdrawal permit issued by the competent authorities in respect of groundwater withdraw, and carried out water quality testing in accordance with the law to ensure that water withdraw and use do not affect the local environment. During the Reporting Period, the Group did not have any major violations of laws and regulations in sourcing water or damaging the local ecological environment.

### Water Consumption Data

Name of Indicators	Unit	2022	2021
Total water consumption <sup>4</sup>	m <sup>3</sup>	1,673,525	1,855,549
Water consumption intensity	m <sup>3</sup> /hundred million kWh	4568.73	5,677.41

### Case: Jingyi Power

In 2022, Jingyi Power optimised the system design and adopted new technologies in the project construction process to improve the reliability and durability of the equipment. The water consumption indicator of the engineering project was 0.24 m<sup>3</sup>/(s\*GW), the water consumption in the cold season was 329.1 m<sup>3</sup>/h, and the water consumption indicator was 0.224 m<sup>3</sup>/(s\*GW), representing a decrease of 7% after deducting the self-consumption loss of 17 m<sup>3</sup>/h from the clean water station and the heat supply loss of 191.3 m<sup>3</sup>/h.

### Case: Gaoantun Power

Gaoantun Power regularly tests the quality of circulating water, keeps abreast of the changes in water quality, flexibly adjusts the amount of drainage and drug addition, and ensures that the scale of corrosion and deposit area of water-circulating and water-condensate equipment is under control. At the same time, it minimises sewage discharge to achieve the purpose of water conservation.

<sup>4</sup> The Group's water consumption includes the consumption of self-produced water and underground deep well water.

Use of Resources Data

Name of Indicators	Category	Unit	2022	2021
Total energy consumption		MWh	43,746,588	44,849,167
Energy consumption intensity		MWh/hundred million kWh	119,428	137,225
Direct energy consumption <sup>5</sup>	Gasoline	MWh	10,335	8,523
	Diesel	MWh	240	1,717
	Natural Gas	MWh	43,033,931	44,146,498
	Self-generated and self-consumed electricity	MWh	603,090	590,000
Total direct energy consumption		MWh	43,647,595	44,746,738
Direct energy consumption intensity		MWh/hundred million kWh	119,158	136,911
Total indirect energy consumption <sup>6</sup>		MWh	98,993	102,429
Indirect energy consumption intensity		MWh/hundred million kWh	270	313

Green Office

The Group promotes green office practices and encourages all employees to practice green and low-carbon behaviour in daily work and life to reduce the consumption of natural resources. Each subsidiary actively promotes the green and low-carbon culture construction and publicity activities, conveys the concept of green development and energy conservation and environmental protection to employees by guiding them to use recycled paper for printing, low-carbon travel, and posting energy-saving slogans.

Case: “Zero Carbon Card” to Create a Future Together

In May 2022, the Northeast Branch carried out a week-long “zero-carbon” activity, actively advocating the green and zero-carbon life of Party members, cadres and employees, and striving to become a demonstration model of energy conservation and emission reduction. The Company promotes energy conservation and emission reduction for all employees through green shopping, office marathon, steps counting, healthy cycling, “empty plate” campaign, green office, etc., to strengthen the awareness of green environmental protection, cultivate zero-carbon living habits, and jointly create a green and sustainable life.



Northeast Branch Zero Carbon Activity



<sup>5</sup> The direct energy consumption is calculated with reference to the national standards such as the Accounting Methods and Reporting Guidelines for Greenhouse Gas Emissions of Road Transport Enterprises (Trial), gasoline for vehicles and diesel for vehicles, as well as the “Appendix II: Reporting Guidance on Environmental KPIs” of “How to Prepare an ESG Report”.

<sup>6</sup> The indirect energy consumption of the Group mainly comes from purchased electricity.

Pollution Prevention and Emission Management

Jingneng Clean Energy strictly complies with the current national environmental protection emission standards and pollutant discharge permit regulations and regulates the maintenance and operation of environmental protection equipment and facilities such as wastewater and waste gas treatment, to ensure that all pollutants meet the approved emission standards specified in the discharge permit. The emissions and pollutants generated by the Group in the production process mainly include exhaust gas, wastewater, solid waste, greenhouse gases, and noise. We regularly formulate pollution prevention and control work plans, and strictly require standards compliance in areas such as wastewater and waste gas emissions control, hazardous waste management, environmental protection equipment maintenance and renovation, self-monitoring, and environmental supervision and inspection. By implementing departmental responsibilities, we ensure the smooth completion of various plan works and pollution prevention and control tasks.

Exhaust Gas and Wastewater Management

The exhaust gas generated by the Group mainly comes from nitrogen oxides, sulphur oxides and particulate matter generated from the fuel consumption of power generation equipment and motor vehicles. Therefore, we strictly comply with the emission concentration standards of exhaust gas pollutants stipulated in *the Emission Standard of Air Pollutants for Stationary Gas Turbine* and *the Emission Standard of Air Pollutants for Boilers*. We have formulated system documents including *the Administrative Regulations on the Configuration*, *the Operation and Maintenance of Environmental Protection Facilities* and *the Administrative Measures for Online Monitoring of Pollutants*, requiring the subsidiaries to regularly inspect detection equipment and carry out self-monitoring, properly keep the original records, and regularly and truthfully report the implementation to the environmental protection department. The Group has set a target of annual average concentration of nitrogen oxides at 12mg/m<sup>3</sup> in each gas-fired power plant in Beijing, far below the local emission standards of Beijing.

Jingyang Power

Jingyang Power upgraded the combustion system of their gas turbine with a low-nitrogen burner, and after the retrofit, the nitrogen oxide emissions from the gas turbine, which was treated by a waste heat boiler for denitrification, were reduced to below 50% of the emission standards in Beijing, and the annual exhaust pollution was reduced by half.

Gaoantun Power

In order to meet *the Emission Standard of Air Pollutants for Stationary Gas Turbine* of Beijing and further reduce the nitrogen oxides emission and ammonia water consumption, Gaoantun Power transformed Siemens' 9F gas turbine burners and the denitration of the residual heat furnace. A new type of nickel-based RST cyclone burner and a new type of PMP pre-mixed burner was used in the pre-mixed burner. Selective catalytic reduction (SCR) was adopted for the denitration of the waste heat furnace and a second-level catalyst was added. The nitrogen oxide emission level of gas turbine export was reduced from 50mg/m<sup>3</sup> to 30mg/m<sup>3</sup>.

Jingqiao Power

Jingqiao Power continuously optimised the operation of their combined cycle unit and adjusted their denitrification facilities, strengthened the operation and maintenance of the unit, reasonably arranged the unit maintenance period plan, and improved the unit's long-term operation and load rate. In addition, they completed the low-nitrogen transformation of a 116MW hot water boiler, and the nitrogen oxide content of the flue gas was significantly reduced, far below the benchmark limit in Beijing.

Air Pollutant<sup>7</sup> Data

Name of Indicators	Unit	2022	2021
Nitrogen oxides	Tonnes	1,365	1,405
Sulphur oxides	Tonnes	82	92
Particulate matter	Tonnes	78	75

The wastewater<sup>8</sup> produced by the Group mainly includes industrial wastewater and domestic sewage. Therefore, we strictly comply with the local *Integrated Emission Standard of Water Pollution* and other local management regulations to ensure that the discharge concentration of wastewater pollutants meets the pollutant discharge requirements and obtain the pollutant discharge license in accordance with the law. In addition, all subsidiaries of the Company have standardised the repair, maintenance and operation of wastewater treatment equipment and facilities to ensure normal operation of equipment and the emission of pollutants meets the standards. We also regularly arrange qualified testing agencies to conduct tests on discharged wastewater, all indicators of wastewater met the standards.

Case: Jingyi Power

Jingyi Power installed continuous pH monitoring devices in the waste pool to monitor whether the drainage system meets the discharge standards, and automatically adjusts the acid and alkali amount to control the pH of its effluent within the specified range. If the drainage is unqualified, the wastewater is returned to the wastewater storage tank for re-treatment until it is discharged after meeting the standards.

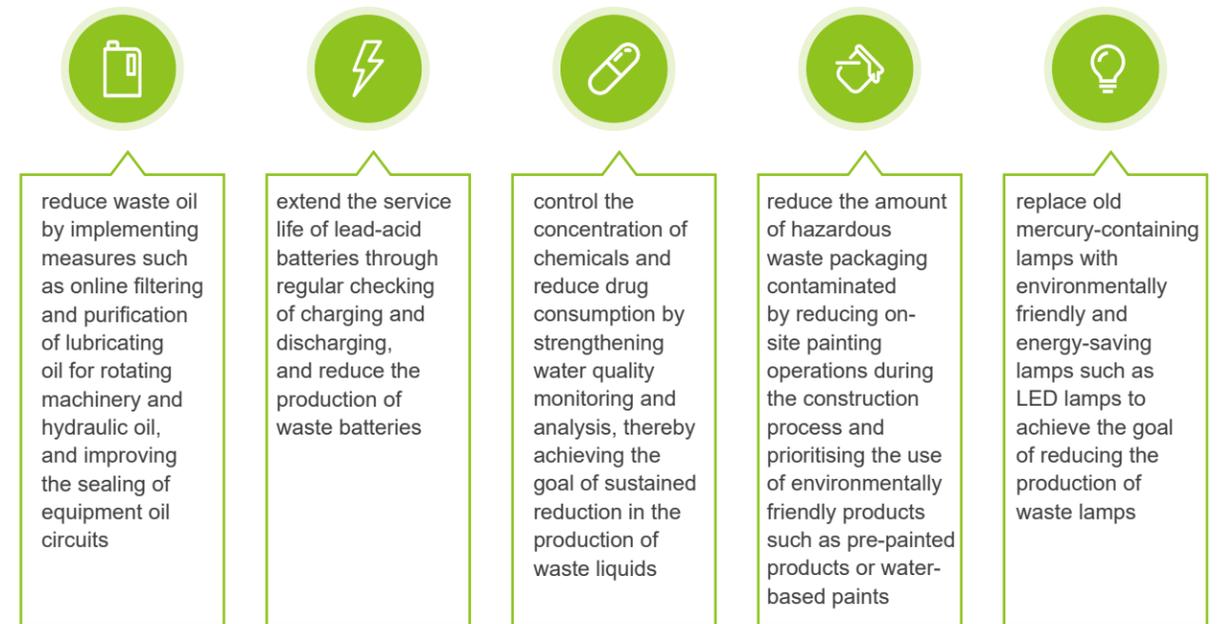
Waste Management

The waste generated by the Group includes non-hazardous waste and hazardous waste. Non-hazardous waste mainly includes wastepaper generated in offices and daily life, food waste generated from canteen catering and other general waste. Hazardous wastes mainly include waste oil generated by equipment maintenance, waste liquid generated in testing, waste batteries generated by technical transformation and other hazardous wastes. To minimise the generation of waste, we actively strengthen internal management, and have formulated standardised documents such as *the Management Measures for Waste Materials* and *the Management Regulations for Hazardous Wastes*. We strictly comply with the relevant national and local regulations, and implement management measures such as classification and reduction, recycling and centralised treatment for the main production equipment and process of the plant. For hazardous waste that requires special disposal, we set up a temporary storage warehouse for proper storage, and promptly transfer them to companies with professional qualifications for standardised disposal.

<sup>7</sup> According to the suggestions on the data calculation method in the "Appendix 2: Reporting Guidance on Environmental KPIs" of "How to Prepare an ESG Report" issued by the Hong Kong Stock Exchange, the air pollutants were calculated. Air pollutants mainly come from the power generation of gas companies and fuel consumption of mobile road sources.

<sup>8</sup> The Group is gradually improving the data management of wastewater indicator and will consider disclosing in the future reports as appropriate.

Waste reduction targets and specific measures



Waste Data<sup>9</sup>

Name of Indicators	Unit	2022	2021
Total non-hazardous waste generated	Tonnes	369	340
Intensity of non-hazardous waste	Tonnes/ hundred million kWh	1.01	1.04
Total hazardous waste generated	Tonnes	186	82
Intensity of hazardous waste	Tonnes/ hundred million kWh	0.51	0.25

Noise Management

The Group produces a certain level of noise pollution during the production process and construction of engineering projects. To this end, we strictly comply with the regulations of local ecological and environmental management departments on noise standards and reduce the impact on local communities by using low-noise equipment, installing multiple noise reduction devices, and optimising factory layouts. In addition, we set up warning signs for excessive noise in the construction site and provide construction personnel with earplugs and other protective equipment to minimise potential occupational hazards.

Case: Jingqiao Power

Jingqiao Power took the lead in noise control and multiple measures to build the first Power plant in China that meets the Class 1 standard of *the Emission Standard for Industrial Enterprises Noise at Boundary (GB12348-2008)*.

<sup>9</sup> The non-hazardous wastes include waste metal, waste paper, waste plastic, waste glass, and general waste. The hazardous wastes include waste oil, waste chemical reagents, waste batteries, and waste antifreeze. The increase in hazardous wastes of the Year is due to equipment maintenance, facilities replacement, and scrapping.

# Ecological Protection

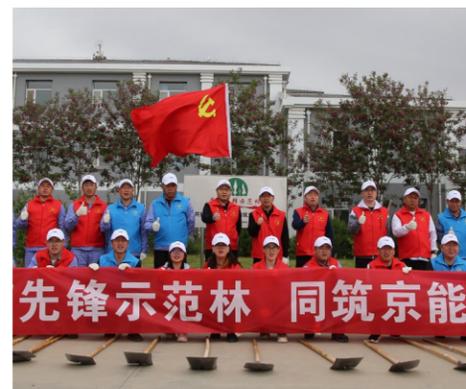
Jingneng Clean Energy regards ecological protection as its responsibility, actively responds to the national call to participate in ecological protection and restoration, promotes the construction of ecological civilisation, devotes itself to biodiversity protection, and is committed to building an environmentally friendly enterprise. We actively explore the way to achieve the win-win solution between the development of wind power and photovoltaic project and ecological governance, organise tree planting and afforestation activities, and spread the idea to ecological civilisation by practicing low-carbon actions.

In March 2022, Gaoantun Power Group organised a voluntary tree-planting activity with a total of 61 participants, and the employee's voluntary tree-planting rate reached more than 90%.



Gaoantun Power Tree-Planting Activity

In May 2022, the Northwest Branch carried out a tree planting activity of "Jointly Planting Pioneer Demonstration Forest and Building Jingneng's Dual Carbon Dream". It is expected to absorb 5,218 tonnes of carbon dioxide through pioneer demonstration forest construction in 2022.



Northwest Branch Tree-Planting Activity

## Case: Southwest Branch Carried Out Environmental Remediation

In order to strengthen the efforts in comprehensive environmental remediation and ecological restoration, in 2022, Southwest Branch implemented comprehensive environmental rectification for the Driving Hong Power Station. The logistics support team systematically rectified the dead corners of the Driving Hong Power Station, the trees that have not been maintained for many years and the grassland of over 6,000 square metres. After the rectification, the power plant environment has been greatly improved.



Comparison Before and After Environmental Rectification of Southwest Branch

## Case: Jingneng Sand Land Green Ecological Management Project

In May 2022, the first large-scale photovoltaic project in Abagaqi, Inner Mongolia undertaken by the Group was officially fully connected. Under the guidance of "ecological priority and green development", the project was built into a solar photovoltaic compound ecological demonstration project integrating photovoltaics, storage, grass and animal husbandry through the green ecological treatment in Saudi Arabia, lead an outstanding practice of Jingneng Clean Energy to promote the combination of ecological treatment and animal husbandry, and strive for a win-win situation of economic benefits and ecological benefits.



Green Ecological Management Project in Desert

## CREATING A BETTER SOCIETY

Jingneng Clean Energy actively responds to the national call for high-quality talent team building and rural revitalisation, always adhering to the talent development concept of “people-oriented, pursuit of excellence” and the corporate social responsibility of “common prosperity”, creating a beautiful and sustainable harmonious society.

**Labour Rights**

**Employee Protection**

**Talent Development**

**Social Contribution**

# Labour Rights

## Employment Policy

Jingneng Clean Energy protects the legitimate rights and interests of every employee, strictly abides by *the Labour Law of the People's Republic of China, the Labour Contract Law of the People's Republic of China* and other relevant laws and regulations, signs labour contracts with employees in accordance with the law, formulates and continuously improves a series of internal system documents such as *the Labour Contract Management Measures of Jingneng Clean Energy Co., Limited (Trial), the Employee Recruitment, the Employment and Leaving Management Measures, the Attendance Management Measures, the Labour Welfare Management Measures and the Compensation Management Measures*, standardises the management of talent recruitment, improves the systems and standards of compensation, dismissal, attendance, working hours, holidays, training, benefits, bonuses, etc., comprehensively protects the basic rights and interests of employees, and strive to create a harmonious, happy and healthy workplace environment.

We advocate an equal, diversified and anti-discrimination employment environment, resolutely eliminate any form of discrimination and violation of ethical standards and there is no unfair treatment due to factors such as gender, ethnicity, region and religion. At the same time, we provide employees with competitive remuneration packages, clarify the implementation rules for factors such as salary adjustment, and provide reasonable horizontal differences and vertical promotion opportunities in performance appraisal and bonus subsidies, to ensure that the salary level of employees is both internally fair and externally competitive, and inspiring employees' work enthusiasm. During the Reporting Period, the Group did not have any major violations of laws and regulations related to employment.

### Employment Data

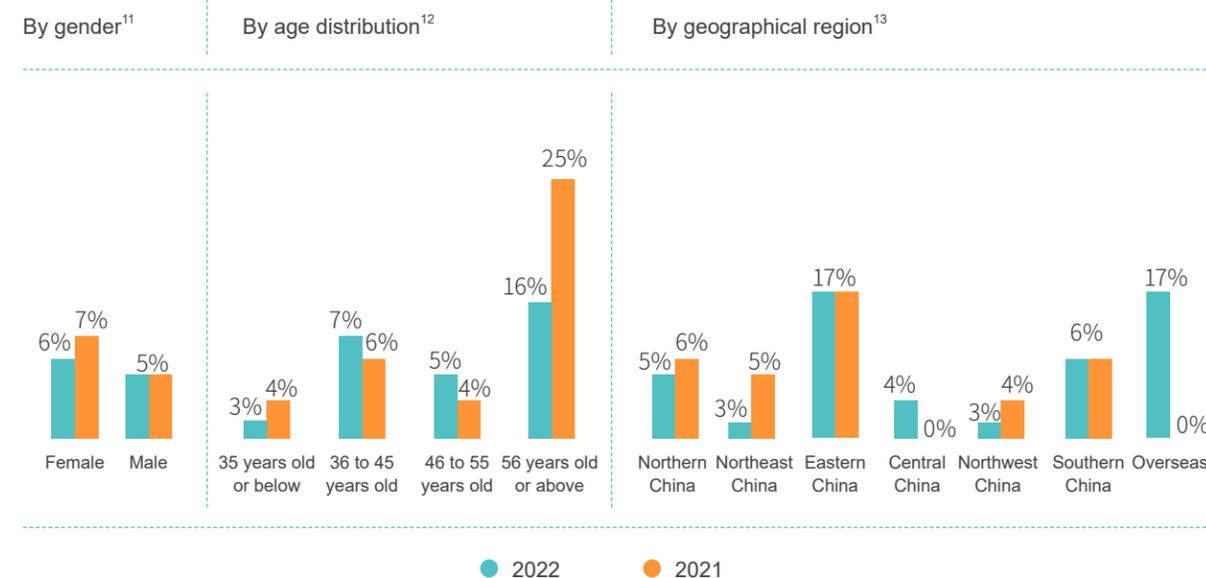
Total number of employees 2022 **3,190** person 2021 **2,951** person

By gender	2022	2021	By geographical region	2022	2021
Male	2,533	2,314	Northern China	2,018	1,906
			Northeast China	239	222
Female	657	637	Eastern China	6	12
			Central China	54	2
			Northwest China	254	236
			Southern China	601	555
			Overseas	18	18

By employment type	2022	2021	2022	2021
Full-time	3,190	2,949	Part-time	0
				2

By education level	2022	2021	By age distribution	2022	2021
Doctoral degree	2	4	35 years old or below	1,548	1,412
Master's degree	172	165	36 to 45 years old	769	676
Bachelor	1,999	1,755	46 to 55 years old	744	734
College education or below	1,017	1,027	56 years old or above	129	129

Total employee turnover rate<sup>10</sup> 2022 **5%** 2021 **6%**



<sup>10</sup> The percentage of employee turnover/total number of employees \* 100 is based on the data calculation method recommended in "Appendix 3: Reporting Guidance on Social KPIs" of "How to Prepare an ESG Report" issued by the Hong Kong Stock Exchange.

<sup>11</sup> Percentage of employee turnover in the category/total number of employees in the category \* 100 according to the data calculation methods recommended in "Appendix 3: Reporting Guidance on Social KPIs" of "How to Prepare an ESG Report" issued by the Hong Kong Stock Exchange.

<sup>12</sup> Percentage of employee turnover in the category/total number of employees in the category \* 100 according to the data calculation methods recommended in "Appendix 3: Reporting Guidance on Social KPIs" of "How to Prepare an ESG Report" issued by the Hong Kong Stock Exchange.

<sup>13</sup> Percentage of employee turnover in the category/total number of employees in the category \* 100 according to the data calculation methods recommended in "Appendix 3: Reporting Guidance on Social KPIs" of "How to Prepare an ESG Report" issued by the Hong Kong Stock Exchange.

## Labour Standards

The Group prohibits the use of child labour, forced labour and other illegal employment practices, strictly complies with relevant national laws and regulations, and follows the Group’s standardised internal control system. We follow the recruitment conditions and approval process to carry out employment, and establishes a handling mechanism and self-inspection of employment of child labour and forced labour. To avoid the recruitment of child labour or forced labour, we clarify the basic qualifications for candidates before recruitment, strictly restrict the age of employees recruited, and do not recruit employees unqualified for the age requirements; we carefully review the qualifications of applicants during recruitment and do not hire underage applicants; at the same time, the Group will reach an agreement with the candidates on job description, wages and benefits during recruitment to avoid forced labour; in case of violation, it will be promptly reported to the administrative department of labour security for review and accountability, and the labour contract will be terminated in accordance with the regulations. During the Year, the Group did not have any major non-compliance with labour standards.

Name of Indicators	Unit	2022	2021
Number of managements at mid-level or above	person	446	389
Number of female managements at middle-level and above	person	79	71
Number of male managements at middle-level and above	person	367	318
Number of physically challenged employees	person	13	12
Signing rate of labour contract	%	100	100
Coverage rate of social insurance	%	100	100
Percentage of employees joining the labour union	%	100	100
Average paid annual leave	days	11	10



## Employee Protection

### Occupational Health and Safety

We prioritise the occupational health and safety of our employees and safeguard the health and safety of each member. To this end, the Group strictly abides by *the Law of the People’s Republic of China on the Prevention and Control of Occupational Diseases, the Measures for the Supervision and Administration of Employers’ Occupational Health Surveillance* and other laws and regulations related to occupational health, and has formulated internal management documents such as *the Occupational Health Management Regulations, the Occupational Disease Prevention Management Regulations, the Work Safety and Occupational Disease Prevention Responsibility System Management Regulations, and the Labour Protection Articles and Special Protection Articles Management Regulations* based on its situation to fully guarantee the occupational health and safety of employees, and to ensure that every level of responsibility and management are in place, and the health and related rights and interests of workers are protected.

To fully protect the occupational health and safety of employees, the Group strengthens supervision, inspection, and improvement measures to ensure the comprehensive and effective implementation of occupational health management and create a healthy working environment and lifestyle for employees:

- Arrange occupational health examinations for workers exposed to occupational hazards (noise, smoke and dust, high temperature, toxic and hazardous chemicals, etc.) before, during and after their employment, generate summary reports of occupational health examinations and keep tacking their health conditions.
- Strictly implement the occupational health protection facilities and main works of the projects, set up warning signs and instructions at prominent positions, and entrust a qualified third-party company to inspect the occupational disease hazards in the workplace.
- For new construction, expansion and reconstruction projects, technical transformation and technology introduction projects that may cause occupational disease hazards, we will conduct pre-evaluation of occupational disease hazards, design of occupational disease protection facilities, evaluation of the effect of occupational disease hazard control and acceptance of protective facilities in accordance with laws and regulations.
- Formulate implementation plans for the prevention and control regarding the actual risks of occupational disease hazards, promptly report the risks to the local safety production supervision and management departments for filing and recording.
- Organise occupational health and safety training and drills on a regular basis and require employees to obtain training certificates and sign occupational health notification agreements; during the occupational disease prevention and control publicity week, publicity boards and brochures were distributed to popularise hygiene and health knowledge.
- Regularly distribute personal protective equipment and facilities, strengthen the inspection and maintenance of the facilities and emergency equipment, and timely supplement on-site emergency and first-aid supplies.

### Case: Jingyi Power occupational Health Knowledge Training Seminar

In 2022, Jingyi Power carried out special training lectures on occupational health knowledge, and carried out training on labour protection and occupational hazards, employees' self-protection awareness, on-site labour protection supervision, etc., to remind operators the proper methods of protection and protect personal health and safety, and combined with the special publicity video of *the Law on the Prevention and Control of Occupational Diseases* to further improve the participants' awareness of the importance of occupational health to themselves.

### Case: Northeast Branch Organised Mental Health Lectures

To improve the physical and mental health of employees and further strengthen the construction of the psychological service system, in December 2022, the Northeast Branch invited psychological experts to carry out the psychological lecture of "Happy Life, Happy Work" to care for the physical and mental health of employees in the form of online and offline combination. The seminar offers an in-depth explanation of the knowledge of "modern health concept", "psychological cold", "response to psychological problems in the workplace" and "active psychology", analysed emotional generations and behaviour responses from a scientific perspective, and advocated that everyone should learn to self-reduce pressure and self-adjust, and forming a positive attitude. Through this training, the self-regulation awareness and psychological construction ability of employees were effectively improved, contributing to the vigorous development of Northeast Branch.



Mental Health Seminar of Northeast Branch

#### Work Injury Data

Number of work-related fatalities for the last 3 years

0 person

Percentage of work-related fatalities for the last 3 years

0%

Lost days due to work-related injuries for the last 3 years

0 days

## Employee Welfare

Jingneng Clean Energy pays close attention to the work and life of every employee, striving to be the solid support and caring partner for employees. We provide our employees with care and assistance in various forms, encourage them to work happily and enhance their sense of happiness, fulfilment, and satisfaction. The labour union of the Company is oriented towards the needs of employees, adheres to the employee-oriented principle, carries out the physical construction of the employee's home. The service facilities cover the entire office and living area, supporting employees' diverse interests and hobbies through extracurricular cultural, entertainment, and sports activities, and fully meeting the needs of employees at multiple levels and in various ways. The Company has generally achieved the standardisation of staff dormitories, improvement of living conditions, environment, and cultural diversity, uniting and consolidating staff strength to jointly build a beautiful home.



### Employee care initiatives



Providing condolences and distributing condolence items to employees during holidays; organising various sports and cultural activities that contribute to team building, improving team cohesion and employee happiness.



Carefully taking care of special employee groups such as the disabled and pregnant women, providing barrier-free service facilities and caring measures such as lactation rooms in the workplace for special groups to use.



Arranging annual employee health examinations, setting up examination items according to different age groups, inviting doctors to answer employees' questions about the results of the examination, providing medical services for employees in the office, and regularly organising expert health lectures to improve employees' health awareness and health care.

### Case: Inner Mongolia Branch Visited Front-line Employees

During the Spring Festival of 2022, the leaders of Inner Mongolia Branch came to Hohhot Production and Operation Centre to visit the implementation of the power station and inspect the work of safety production. At the same time, they sent solicitude and holiday blessings to the employees who worked hard at their positions during the holiday.

In July 2022, the continuous high temperature weather brought severe challenges to the front-line staff. The leaders of the Inner Mongolia Branch went to the front line to carry out the summer “Cool Delivery” solicitude activity. They visited the front-line employees who stayed at their position under high temperature, and provide caring materials.



Inner Mongolia Branch Spring Festival Visits



“Deliver Cool” Activity of Inner Mongolia Branch

### Case: Beijing Branch’s “March 8” International Women’s Day Series Activities

To enrich the leisure and cultural life of female employees and relieve their work pressure, the labour union of Beijing Branch organised the “Glamorous Goddess Festival Scented DIY” hand-made soap production activity in March 2022. At the same time, in accordance with the requirements of the labour union of the Group, the labour union of Beijing Branch selected the “March 8th” red flag team and red flag medal, advocated the glorious work and led the women to build up. In addition, the labour union of Beijing Branch also actively guided female employees to participate in the knowledge competition of “Love for Female Employees, Act with You” and a series of themed activities organised by the Women Workers Committee of Beijing Federation of Trade Unions, so that female employees can enjoy a meaningful festival.



Beijing Branch Women's Day

## Talent Development

### Diversified Growth

Jingneng Clean Energy strives to build a team of talents with excellent competence and is committed to helping employees achieve the best expression of their personal value. We actively promote the development strategy of “strengthening the company with talents” and have established a complete human resources management system, which links personnel allocation, training, assessment, and performance incentives to fully tap into the potential of talents, realise the value of talents and continuously optimise the talent structure. Based on professional and special training, the human resources department will integrate and review the Company’s development strategy and needs to formulate a multi-level, multi-angle and full-coverage training plan that covers different scenarios and matches different levels, to help employees to improve their skills and assist the Company in talent reserve transformation, enabling them to realise the personal values in different function units.

With the goal of building a learning-oriented enterprise, we stimulate the learning and working enthusiasm of employees through activities such as safety knowledge competitions and employee skill competitions, and enhance their capabilities to deliver an innovative, effective, and superior work. The Company has been continuously improving and innovating its talent system over the years, encouraging employees to obtain certificates that are beneficial to their work and bear the costs incurred; at the same time, employees are encouraged to find the meaning of work in learning and ultimately achieve personal growth by becoming self-driven and self-motivated at work. For the construction of a skilled talent team, we guide young and middle-aged employees to improve their professional theoretical knowledge and practical skills, and gradually optimise the quality of the team. Meanwhile, taking the recognition of vocational skills level as a starting point, we continuously improve the quality of talent training and evaluation, promote the implementation of skilled talent training and development projects, and provide talent support for the high-quality and sustainable development of the Company.

### Case: Set Sail - Southern China Branch New Employee Training

In July 2022, the Southern China Branch carried out training activities for new graduates. Through various aspects such as corporate culture, quality development, safety education, production and operation knowledge, and through the combination of traditional classes + team building+ visits + graduation exams, empower new employees to fit into the Company in a timely manner and master the necessary skills in various aspects. After the event, the new employees expressed that the training is inspirational to the future work and life.



Southern China Branch Training

### Development and Promotion Channel

The Group has built a smooth career path for employees, defined promotion channels and strengthened incentives. By formulating and continuously improving management systems such as *the Regulations on the Selection and Appointment of Leaders of Jingneng Clean Energy* and *the Regulations on the Administration of Qualifications for Professional and Technical Positions*, the Group regulates the appointment and selection of talents, optimises the allocation of human resources, and inspires the enthusiasm of employees.

Organisational Guarantee	Policy Support	Business Support	Process Control
Timely adjust the members of the professional title appraisal committee to provide an organisational guarantee for the Company's professional title appraisal work.	By revising <i>the Welfare Management Measures, the Employee Position Change Management Measures</i> and post-work standards and linking the reimbursed heating costs with the points of merit-based competition, it provides policy support for the evaluation of professional titles.	Interpret human resource policies and documents and sort out relevant key points in a timely manner. Emphasize the changes of policy from the application in the review arrangement and forwarding documents every year, to ensure that those proper positions are selected by proper applicants.	Review and check to ensure the accuracy of data, patiently respond to the consultation of professional and technical personnel, and pay attention to reviewing the work performance to raise the pass rate of title appraisal.

### Case: Jingneng Clean Energy 2022 "Assistance Programme"

In September 2022, Jingneng Clean Energy officially launched the 2022 "Operation Assistance Program" and the training for outstanding young leaders. The training courses focused on the three main themes of "macro vision improvement", "management ability improvement", "professional quality improvement", and integrated talent quality evaluation technology, aiming to accurately discover talents, deeply explore talents, and scientifically select talents in the process of talent cultivation. The participants covered a total of 123 middle-level cadres and outstanding young leaders under the age of 35 in the Group.



Opening Ceremony of the 2022 "Assistance Programme"

### Case: Beijing Branch Middle-aged and Young Leaders Training Course

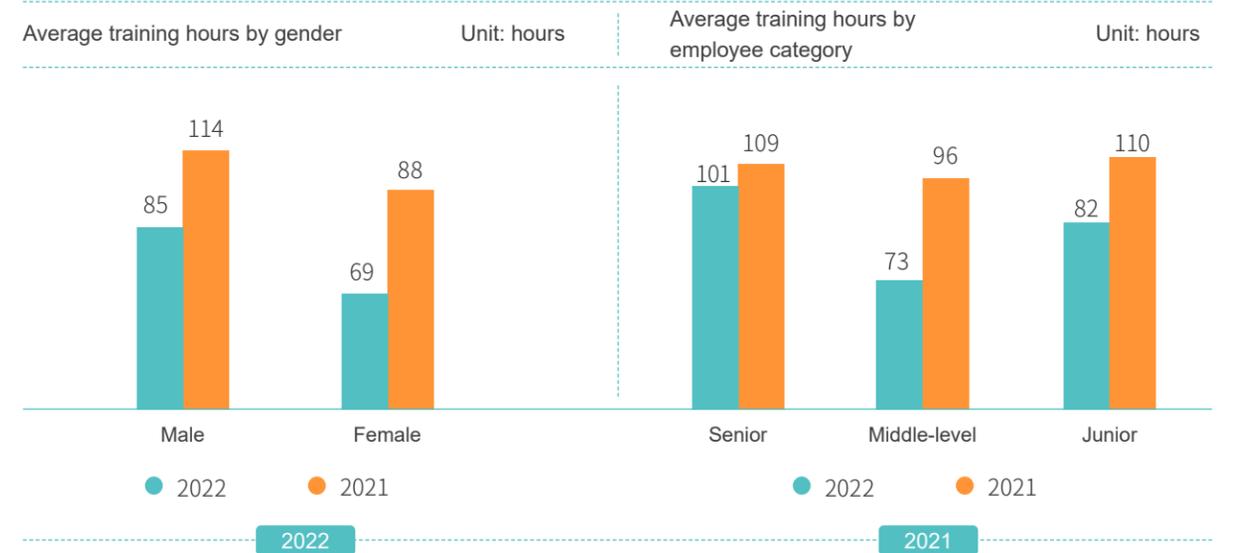
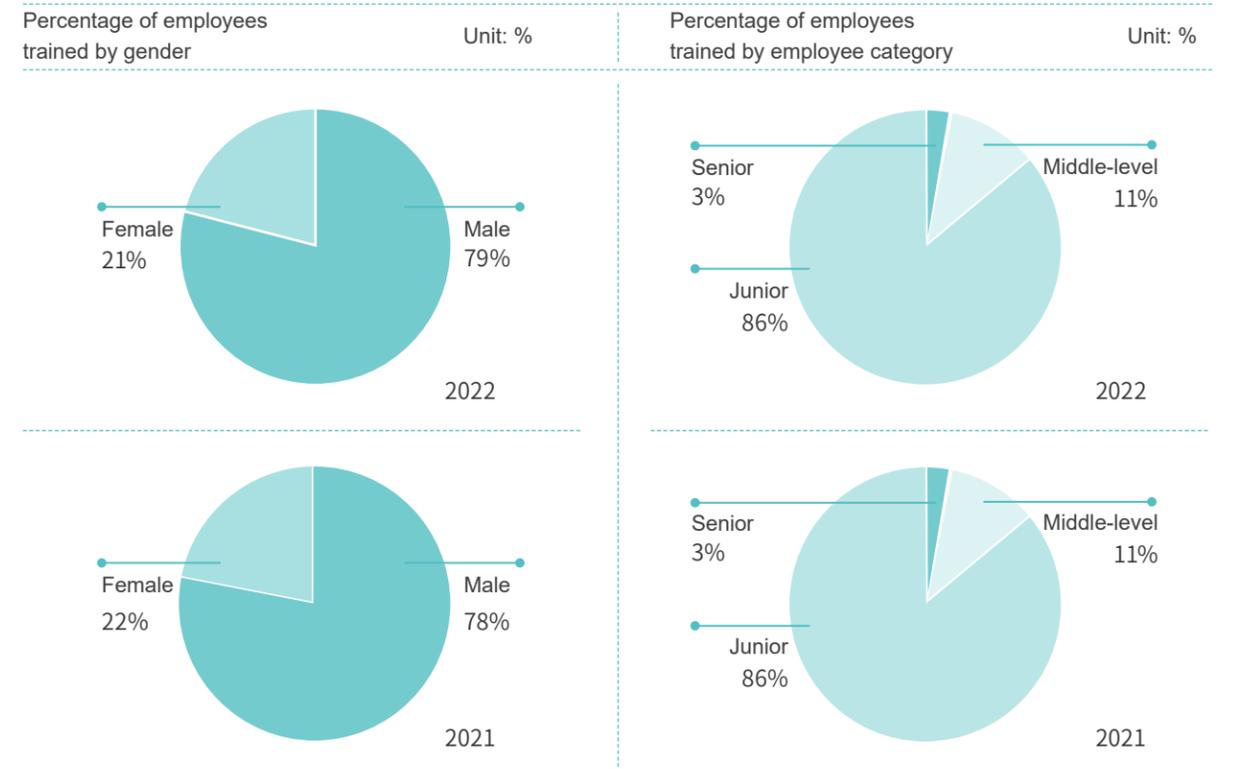
To effectively improve the business level, comprehensive quality and performance ability of young and middle-aged leaders, the Beijing Branch held a 7-day 2022 training class for them to improve their capabilities in August 2022. A total of 31 key personnel from various departments and offices of Beijing Branch and its subsidiaries participated in the training. The training included 39 class hours of courses in four segments, namely macro vision expansion, leadership improvement, quality ability advancement and production management safety, and 11 experienced teachers with profound qualifications were invited to give wonderful lectures. The activity demonstrated the vitality of young and middle-aged cadres, achieving a high-quality learning effect.




Training Course of Beijing Branch

### Training Data

Total number of employees trained 2022 **3,141** person 2021 **2,946** person



Total investment in employee training <b>473.12</b> Ten thousand yuan	Coverage rate of employee training <b>98.46%</b>	Total investment in employee training <b>321.58</b> Ten thousand yuan	Coverage rate of employee training <b>98.15%</b>
Training hours per capita <b>82</b> hours	Total hours of employees training <sup>13</sup> <b>256,820</b> hours	Training hours per capita <b>108</b> hours	Total hours of employees training <sup>14</sup> <b>319,123</b> hours

<sup>14</sup> During the Year, due to the impact of the pandemic, staff training hours are decreased.

# Social Contribution

## Rural Revitalisation

As a major responsibility of the nation, rural revitalisation is of utmost importance in the Group's social responsibility work. We always keep in mind the mission and responsibility of helping rural revitalisation and consolidating the achievements of poverty alleviation. We integrate the construction of work style throughout the entire process of rural revitalisation management, and carry out systematic assistance projects in various fields such as cooperation and assistance, education, etc. We insist on company guidance and employee participation, and vigorously promote accurate connections between various links such as company procurement and employee consumption. At the same time, each subsidiary has formulated internal policies and donation management measures for local community investment according to the operating conditions and requirements of the respective areas. For example, Jingqiao Power has formulated *the Plan for Jingqiao Power to Support Rural Revitalisation for In-depth Consumption Assistance*; the Southern China Branch formulated *the Administrative Measures of Southern China Branch for External Poverty Alleviation and Investment* to steadily promote rural revitalisation, support the local development of rural areas in various aspects, and contribute to the well-being of people.

### Case: Supporting Rural Revitalisation and Showing Jingneng Style - Xiaolongmen Village

Since 2021, Jingneng Clean Energy has carried out paired assistance work in Xiaolongmen Village, Mentougou District, Beijing. To better support the development of Xiaolongmen Village, as the first secretary of the village, Tang Yilin from Jingfeng Gas visited several typical villages in the town to learn from the development experience of each village; we earnestly studied the government's policies related to "agriculture, rural areas and farmers", and actively communicated with relevant government departments at all levels; according to the requirements of the assistance plan of BEH and Jingneng Clean Energy, and combined with the actual situation of the village, we analysed and sorted out the resource advantages and disadvantages of the village; on the basis of extensively solicitation of the opinions of villagers, we worked with the two committees of the village to jointly plan the future development path, formulated the "Future Development Plan of Xiaolongmen Village", proposed to use distributed photovoltaic projects as the support of green industries, and strived to build a green ecological conservation village with leisure tourism and health care as the main functions.



Rural Work in Xiaolongmen Village



### Case: Northwest Branch Boosting Donation for Rural Revitalisation

In 2022, Fugu Wind Farm, a subsidiary of Northwest Branch, carried out the activity of "one hundred units help one hundred villages, one hundred enterprises promote one hundred villages" to promote rural revitalisation. In the road construction project of Liujiagou Village, the natural village of Xinmin Administrative Village, Xinmin Town, Northwest Branch demonstrated the responsibility of a state-owned enterprise in the capital, actively participated in the construction of local villages, and donated RMB 50,000 for the construction of village roads. This was also complimented by the local government, with a designated representative to donate a banner to the wind farm.



Northwest Branch Accepted the Banner

## Public Welfare and Charity

Jingneng Clean Energy advocates for a civilised and caring society, focusing on the well-being of society and vulnerable groups. We carry out social welfare activities in various ways such as donating funds for education and volunteering services. We insist on integrating the Company's own development into the sustainable development of the business location, continuously supporting the development of the community, and resolutely striving to be a responsible social citizen, working together to build a beautiful home.

Total hours of public welfare service in 2022	4,060 hours	Total hours of public welfare service in 2021	1,753 hours
Total amount of charitable donations <sup>14</sup> in 2022	3,300 ten thousand yuan	Total amount of charitable donations <sup>15</sup> in 2021	1,843.31 ten thousand yuan

### Case: Inner Mongolia Branch Supporting Epidemic Prevention and Control

In 2022, the Inner Mongolia branch fulfilled its mission and provided assistance in local epidemic prevention and control and infrastructure improvement. During the most difficult time of epidemic prevention and control, we sent living materials to surrounding communities, provided free personnel and vehicle support, and donated RMB 3,000,000 to the Red Cross Society of Ximeng for epidemic prevention and control. As of November 2022, the Company has donated a total of RMB 26,880,000 to the Red Cross Society of Ximeng and local Gacha, and carried out rural student assistance public welfare activities with Abagaqi Mongolian Middle School, fulfilling the social responsibility of a state-owned enterprise with practical actions.



Donation by Inner Mongolia Branch

<sup>15</sup> The amount of social welfare donations includes: party member donations, consumption assistance and public welfare donations.

# APPENDIX

## Index of the ESG Reporting Guide Issued by the Hong Kong Stock Exchange

A. ENVIRONMENTAL		
Subject Areas, Aspects, General Disclosures and KPIs		Section
Aspect A1: Emissions		
General Disclosure	Relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Building Green Ecology: Pollution Prevention and Emission Management; Respond to Climate Change
Key Performance Indicators	A1.1	The types of emissions and respective emissions data.
	A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).
	A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).
	A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).
	A1.5	Description of emission target (s) set and steps taken to achieve them.
	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.
Aspect A2: Use of Resources		
General Disclosure	Policies on the efficient use of resources, including energy, water and other raw materials.	Building Green Ecology: Use of Resources
Key Performance Indicators	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).
	A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).
	A2.3	Description of energy use efficiency target (s) set and steps taken to achieve them.
	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.
	A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.
Aspect A3: The Environment and Natural Resources		
General Disclosure	Policies on minimizing the issuer's significant impact on the environment and natural resources.	Building Green Ecology: Environmental Management; Use of Resources
Key Performance Indicators	A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.
Aspect A4: Climate Change		
General Disclosure	Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.	Building Green Ecology: Respond to Climate Change
Key Performance Indicators	A4.1	Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.
B. SOCIAL		
Subject Areas, Aspects, General Disclosures and KPIs		Section
Aspect B1: Employment		
General Disclosure	Relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Creating A Better Society: Labour Rights; Talent Development
Key Performance Indicators	B1.1	Total workforce by gender, employment type, age group and geographical region.
	B1.2	Employee turnover rate by gender, age group and geographical region.
Aspect B2: Health and Safety		

General Disclosure	Information relating to providing a safe working environment and protecting employees from occupational hazards: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		Creating A Better Society: Employee Protection
Key Performance Indicators	B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Creating A Better Society: Employee Protection
	B2.2	Lost days due to work injury.	Creating A Better Society: Employee Protection
	B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored.	Creating A Better Society: Employee Protection
Aspect B3: Development and Training			
General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work.		Creating A Better Society: Talent Development
Key Performance Indicators	B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Creating A Better Society: Talent Development
	B3.2	The average training hours completed per employee by gender and employee category.	Creating A Better Society: Talent Development
Aspect B4: Labour Standards			
General Disclosure	Relating to preventing child and forced labour: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		Creating A Better Society: Labour Rights
Key Performance Indicators	B4.1	Description of measures to review employment practices to avoid child and forced labour.	Creating A Better Society: Labour Rights
	B4.2	Description of steps taken to eliminate such practices when discovered.	Creating A Better Society: Labour Rights
Aspect B5: Supply Chain Management			
General Disclosure	Policies on managing environmental and social risks of the supply chain.		Promoting Industrial Development: Supply Chain Management
Key Performance Indicators	B5.1	Number of suppliers by geographical region.	Promoting Industrial Development: Supply Chain Management
	B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored.	Promoting Industrial Development: Supply Chain Management
	B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Promoting Industrial Development: Supply Chain Management
	B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Promoting Industrial Development: Supply Chain Management
Aspect B6: Product Responsibility			
General Disclosure	Information relating to health and safety, advertising, labeling and privacy matters relating to products and services provided and methods of redress: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		Solid Foundation for Development: Information Security; Stable Energy Supply; and the Group's business does not involve advertising or labelling work relating to products or services.
Key Performance Indicators	B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	The Group's business does not involve product recall due to product problem.
	B6.2	Number of products and service related complaints received and how they are dealt with.	The Group's business does not involve product and service complaints.
	B6.3	Description of practices relating to observing and protecting intellectual property rights.	Promoting Industrial Development: Innovation-driven
	B6.4	Description of quality assurance process and recall procedures.	Solid Foundation for Development: Stable Energy Supply; the Group's business does not involve product recall due to product problem.
	B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored.	Solid Foundation for Development: Information Security
Aspect B7: Anti-corruption			
General Disclosure	Relating to bribery, extortion, fraud and money laundering: (a) the Policy; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		Solid Foundation for Development: Corporate Governance
Key Performance Indicators	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.	Solid Foundation for Development: Corporate Governance
	B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored.	Solid Foundation for Development: Corporate Governance
	B7.3	Description of anti-corruption training provided to directors and employees.	Solid Foundation for Development: Corporate Governance
Aspect B8: Community Investment			
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.		Creating A Better Society: Social Contribution
Key Performance Indicators	B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Creating A Better Society: Social Contribution
	B8.2	Resources contributed (e.g. money or time) to the focus area.	Creating A Better Society: Social Contribution



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