



国投电力控股股份有限公司
SDIC POWER HOLDINGS CO., LTD.



2022

SDIC Power Holdings Co., Ltd.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT

Contents

SDIC POWER

About the Report	04
Message from the Chairman	06
About SDIC Power	08
ESG Management	14

SPECIAL TOPIC: Twenty Years of SDIC Power (2002-2022)	18
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01 SECTION

FOCUSING ON LOW CARBON AND DEEPLY COMMITTING TO ENVIRONMENTAL PROTECTION

Addressing climate change	24
Leading clean energy	25
Deepening Environmental Management	26
Efficient utilization of resources	30
Promoting pollution prevention and control	32
Protecting the natural ecology	34

04 SECTION

WORKING TOGETHER TO FORGE AHEAD TOGETHER WITH TALENTS

Promoting fair employment	54
Safeguarding Employees' Rights	55
Caring for the Development of Employees	56
Implementing cares for employees	59

02 SECTION

FORGING AHEAD WITH DETERMINATION AND INNOVATE FOR STABLE OPERATIONS

Low-carbon operation management	38
Upholding Integrity while Keeping Innovation to Increase Efficiency	40
Working together for a win-win Cooperation	42

05 SECTION

BUILDING A BETTER COMMUNITY BY PUTTING PEOPLE FIRST

Promoting rural revitalization	62
Enthusiastic about Social Welfare	63
Non-profit education support	64
Promoting community construction	65

03 SECTION

PUTTING SAFETY FIRST, BUILDING A FIRM DEFENSE LINE OF SAFETY

Consolidating safety management	46
Safeguarding work safety	48
Safety culture construction	50
Personnel safety guarantee	51

06 SECTION

PERFECTING AND CONSOLIDATING THE FOUNDATIONS OF GOVERNANCE

Clarifying Governance Structure	68
Diversifying Director Governance	69
Strengthening compliance risk control	71

LOOKING FORWARD TO 2023 AND SHARING A BETTER FUTURE

APPENDIX	74
Key Performance Indicators	74
Index of Indicators	77
Appellation	80





About the Report

The Report presents the efforts made by SDIC Power Holdings Co., Ltd. (hereinafter referred to as "SDIC Power", "the Company" or "We") and its investment enterprises in the environmental, social and governance (hereinafter referred to as "ESG") field in 2022, with the aim of strengthening communication and relations with stakeholders and responding to concerns and expectations.

Reporting Period

The Report is an annual report, covering the reporting period from January 1, 2022 to December 31, 2022, with some contents extending to 2023 as appropriate.

Reporting Scope

Unless otherwise specified, the Report covers the performance of SDIC Power and its investment enterprises in the ESG field.

Basis of Preparation

The Report was prepared in strict accordance with the requirements of the *Guidelines of the Shanghai Stock Exchange for the Application of Self-Regulation Rules for the Listed Companies on the SSE STAR Market No. 1 – Regulated Operation* issued by the Shanghai Stock Exchange and with reference to the GRI Sustainability Reporting Standards (GRI Standards), the LSEG Guide to ESG Reporting 2020 of London Stock Exchange, the SDG Compass (SDGs) and other relevant guidelines.

Data Sources

Unless otherwise specified, the information and data used in the Report were all from the official documents, statistical reports, financial reports or relevant public documents of the Company, as well as ESG information collected and audited by the Company. Unless otherwise stated, all monetary amounts are in RMB. The Company's Board of Directors guarantees no false records, misleading statements, or any significant omissions in the Report.

Report Access

You can access and download the Report on the websites of the Shanghai Stock Exchange (www.sse.com.cn), the London Stock Exchange (www.londonstockexchange.com), the Cninf (www.cninfo.com.cn/) and the social responsibility section of the Company's website (https://www.sdipower.com/gtdlen/shzr/shzrbg/A710601index_1.htm). If there is any discrepancy between the Chinese and English versions, the Chinese version shall prevail.

For further inquiries, or if you have any comments or suggestions regarding the Report and the Company's ESG efforts, you may contact the Company at:

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SDIC POWER

Message from the Chairman

The year 2022 was seminal in the history of the country and also the 20th anniversary of the listing of SDIC Power. In the past year, we have made overall plans for development and safety. With united efforts and courage to overcome difficulties, we have achieved significant year-on-year growth in operating performance, and made new and significant achievements in promoting reform, opening up new prospects for high-quality development.

Promoting low-carbon transformation and seeking scale development

We consistently improved our domestic business structure and gradually expanded the use of clean energy. The Lianghekou Hydropower Station on the Yalong River has been put into operation ahead of schedule, and the construction of the Kala Hydropower Station and Kela Solar Power Station has been commenced, thus accelerating the green development in an all-around way. We gradually promoted the construction of clean and efficient thermal power projects of combined heat and power generation as well as gas-fired power generation. The Qinzhou Power Plant Phase III 3×660MW Ultra Supercritical Project and Zhoushan 2×745MW Gas Power Generation Project were approved. The overseas business has been promoted in an orderly manner. The Batang Toru Hydropower Project has successfully achieved financing closure, and the project construction has achieved periodical progress.

Coping with market changes and promoting quality and efficiency improvement

We did a solid job in operation management and continuously improved the level of management standardization. On the one hand, we continued to reduce costs and increase efficiency in the field of supply chain management and fuel procurement, consistently strengthened the management of long-term coal supply and the procurement of imported coal, and made every effort to control coal costs; On the other hand, we made good use of national policies and formulated flexible marketing strategies, continuously made breakthroughs in power marketing, and the average comprehensive electricity price rose steadily.

Adhering to the bottom line of security and deepening supervision and governance

We conducted in-depth safety governance and supervision and inspection work, and carried out 18 times of safety supervision and inspection, with a 100% completion rate of rectification. We adhered to law-based and compliant management of the enterprise. We clarified the division of authorities of the General Meeting of Shareholders, the Board of Directors and the management team, established and improved an efficient, orderly, scientific and standardized overseas management system, and ensured that overseas enterprises operate in compliance with the law. We continuously strengthened risk prevention and control, completed the annual audit supervision and post-evaluation of investment projects with high quality, and grasped the rectification of internal and external audit issue.

Cultivating talent team and stimulating employee growth

We made excellent achievements in talent recruitment and development. We prepared and issued the "14th Five-Year Plan" human resources work plan to provide talent support and organizational security for business development. The construction of the talent team has been continuously strengthened and the career development path has been improved. We set up diversified training content such as new employee training, professional skills training and leadership training, and spent RMB 9,955,500 on annual training.

Shouldering social responsibility and demonstrating the responsibility of enterprises

We effectively fulfilled our responsibilities, served the general situation of energy. We comprehensively promoted rural revitalization and fulfilled the social responsibility of enterprises by taking practical measures such as making efforts in rural economic development, non-profit education support, and poverty alleviation by consuming products and services. In 2022, we made a cumulative investment of RMB 20,132,400 to support rural revitalization, with a total social welfare expenditure of RMB 14,420,200.

In the face of difficulties, we should be courageous and go forward. There is a long road ahead, and we should seize the time to complete our tasks. The year 2023 is the year of reform and advancement. A new journey has been started, and the new target is inspiring. Let's work together and make unremitting efforts to build SDIC Power into a globally-trusted investor and operator in integrated energy.

Jiwei Zhu
Chairman, SDIC Power



About SDIC Power

SDIC Power is a holding enterprise of State Development & Investment Corp., Ltd. and a listed company on the Shanghai Stock Exchange and London Stock Exchange (A shares: 600886, GDR: SDIC). Since its successful listing in 2002, the Company has achieved remarkable leap-forward development, becoming the third largest blue-chip listed hydropower company in China. At the same time, it is also one of the most efficient and effective integrated energy companies in China. As the core business of the Company, power generation accounted for over 95% of the total operating income. The business involves hydropower, thermal power, solar power, wind power, energy storage, electricity sales and comprehensive energy services. The business scope mainly includes investment, construction, operation and management of energy projects focusing on power production. The business covers 23 provinces, cities and autonomous regions such as Sichuan, Tianjin, Fujian, Guangxi, Yunnan, Gansu, Guizhou and Xinjiang in China, as well as 5 countries along the "Belt and Road" and OECD, such as the United Kingdom, Indonesia, Thailand and Sweden.

In 2022, the newly installed capacity of SDIC Power was 1.55 million kilowatts. Yalong Hydro, of which 52% of the shares are held by the Company, is the only hydropower developer on the Yalong River. In 2022, the Lianghekou Hydropower Station and the Yangfanggou Hydropower Station in the middle reaches of the Yalong River were fully put into operation. The Company had put into operation a holding installed capacity of 37,764,200 kW, including 21,280,000 kW of hydropower, 4,603,400 kW of new energy such as wind power and solar power, accounting for 68.54% of the installed capacity of clean energy, and 11,880,800 kW of thermal power, forming an installed capacity structure dominated by hydropower, supplemented by hydropower, thermal power, wind power and solar power.

Brand Positioning

SDIC Power is a pioneer that devote to integrated energy and a leader that promotes industrial investment.

A pioneer of integrated energy

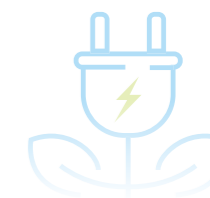
We unswervingly follow the path of ecological priority as well as green and low-carbon development and practice the national "Dual Carbon" strategic goals. We promote the development of hydropower resources in the middle reaches of the Yalong River in an orderly manner and give priority to the layout of clean energy and new energy industries such as hydropower-wind power-solar power hybrid energy demonstration bases, new energy + energy storage, offshore wind power, solar thermal + solar power, and pumped storage. We are steadily and firmly moving forward on the path of sustainable development.

A leader of industrial investment

We pay close attention to changes in the industry and closely follow the trends of industry development, consolidating high-end technology, products, services, and solutions with core competitiveness, serving national strategies, optimizing capital layouts, and leading industry development. To be a "leader in industry investment" is a good commitment and original aspiration of SDIC Power to provide clean and efficient energy.

Motto

Brighten Nature
Brighter Power



Mission



From the Element
For the Development

Corporate Culture



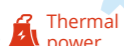


Business Distribution

▲ Basic information of international businesses

Projects put into operation

Projects under construction



Beatrice Offshore Wind Power Project in UK

InchCape Offshore Wind Power Project

Afton Onshore Wind Power Project

Benbrack Onshore Wind Power Project

Sweden



Överturingen Onshore Wind Farm Project in Sweden



Batang Toru Hydropower Station in Indonesia



Banten Thermal Power in Indonesia

Thailand



Waste-to-energy Project I in Thailand Nongkhaem

Waste-to-energy Project II in Thailand Nongkhaem

Thailand Anu Waste-to-energy Project

▲ Basic information of domestic businesses

Installed capacity of hydropower

21,280,000 kW

Installed capacity of wind power

2,949,400 kW

Installed capacity of thermal power (including waste-to-energy power generation)

11,880,800 kW

Installed capacity of solar power

1,654,000 kW

The installed capacity of energy storage is not included in the above statistical data

Projects put into operation in each province (Unit: 10,000 kW)



Hydropower



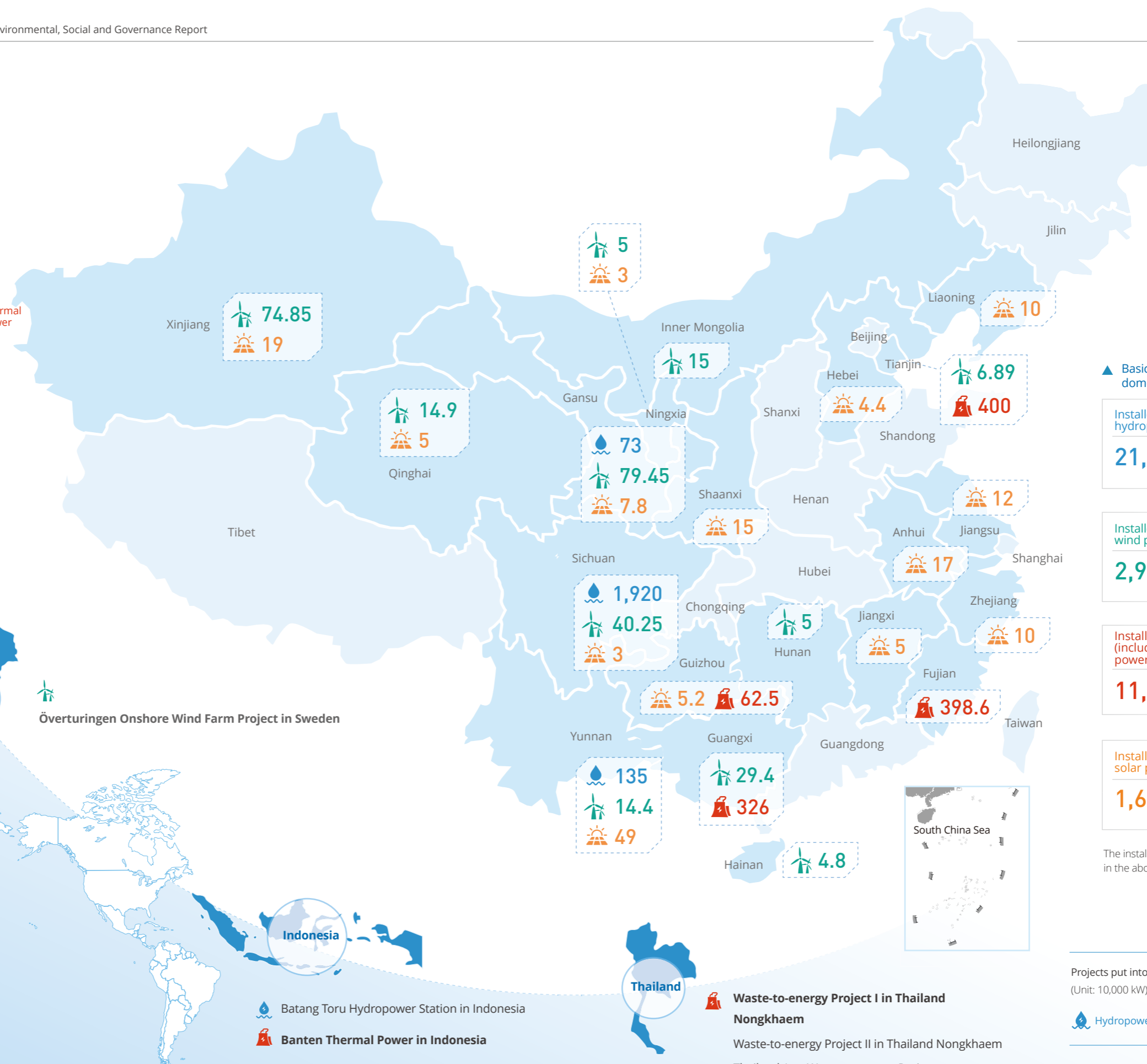
Wind power

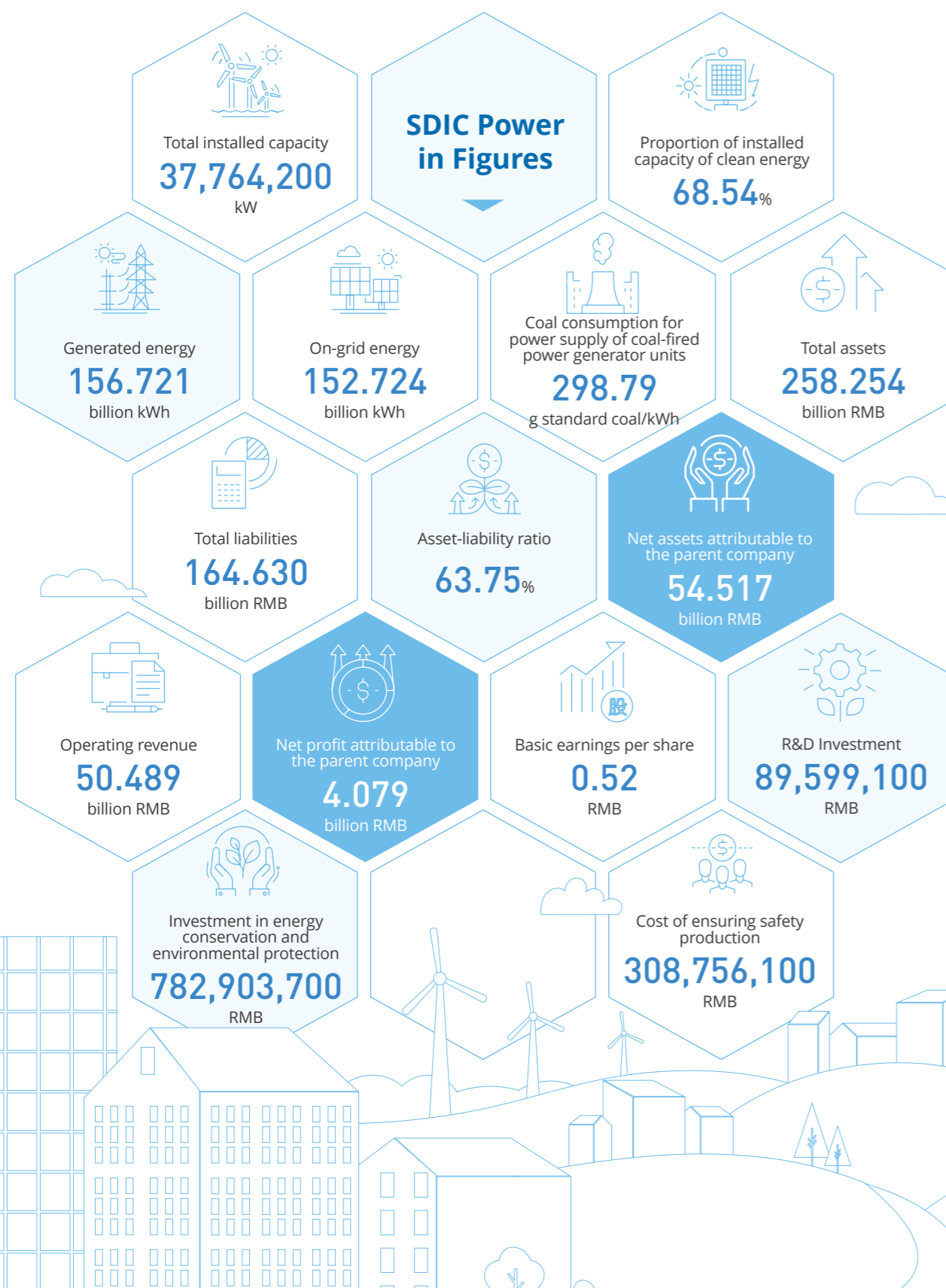


Solar power



Thermal power





Milestones in 2022

The construction of the Kala Hydropower Station, and the 1,000,000 kW Kela solar power station Phase I project were commenced.

The capacity replacement projects, including the 600,000 kW Huaxia Power Phase I, were commenced on schedule.

New energy projects such as Pubei Longmen Wind Power and Inner Mongolia Hangjinqi Wind Power were put into operation one after another, with an additional installed capacity of 1,045,900 kilowatts of new energy during the year.

The construction of the Batang Toru Hydropower Project in Indonesia was promoted as scheduled and successfully achieved financing closure.

The Company completed the top-level design of informatization construction in the new energy sector, introduced ERP construction standards, and greatly improved management efficiency.

The Company revised the *Approval Management Manual of SDIC Power Holdings Co., Ltd.* and optimized the process of more than 450 approval matters, and further made clear the management interface.

The Company prepared and issued the *Human Resources Work Plan under "14th Five-Year Plan"* to provide talent support and organizational security for business development.



ESG Management

ESG Governance

SDIC Power regularly evaluates important ESG issues, adjusts the development direction, optimizes the governance structure, and deeply integrates the concept of sustainable development. The Company discloses ESG information in a timely manner, strengthens communication with stakeholders, actively responds to external concerns and demands, and continuously improves the ESG governance level of the Company.



The Report was approved by the Board of Directors on April 27, 2023. The Board of Directors and all the members thereto warrant that the Report includes no false record, misleading statement or material omission, and they are jointly and severally liable for the authenticity, accuracy and completeness of the information contained herein.

ESG Training

SDIC Power establishes and improves the publicity and implementation system, carries out special training level by level, improves the cognition level of the ESG concept, optimizes management, and promotes the implementation of ESG improvement actions level by level.



▲ Guangxi New Energy carried out ESG training

Stakeholder communication

SDIC Power unblocks information communication channels, optimizes communication methods, strengthens the timeliness and pertinence of identifying stakeholders' demands, protects stakeholders' right to know and supervision, and takes multiple measures to implement response actions simultaneously to enhance stakeholders' sense of identity.

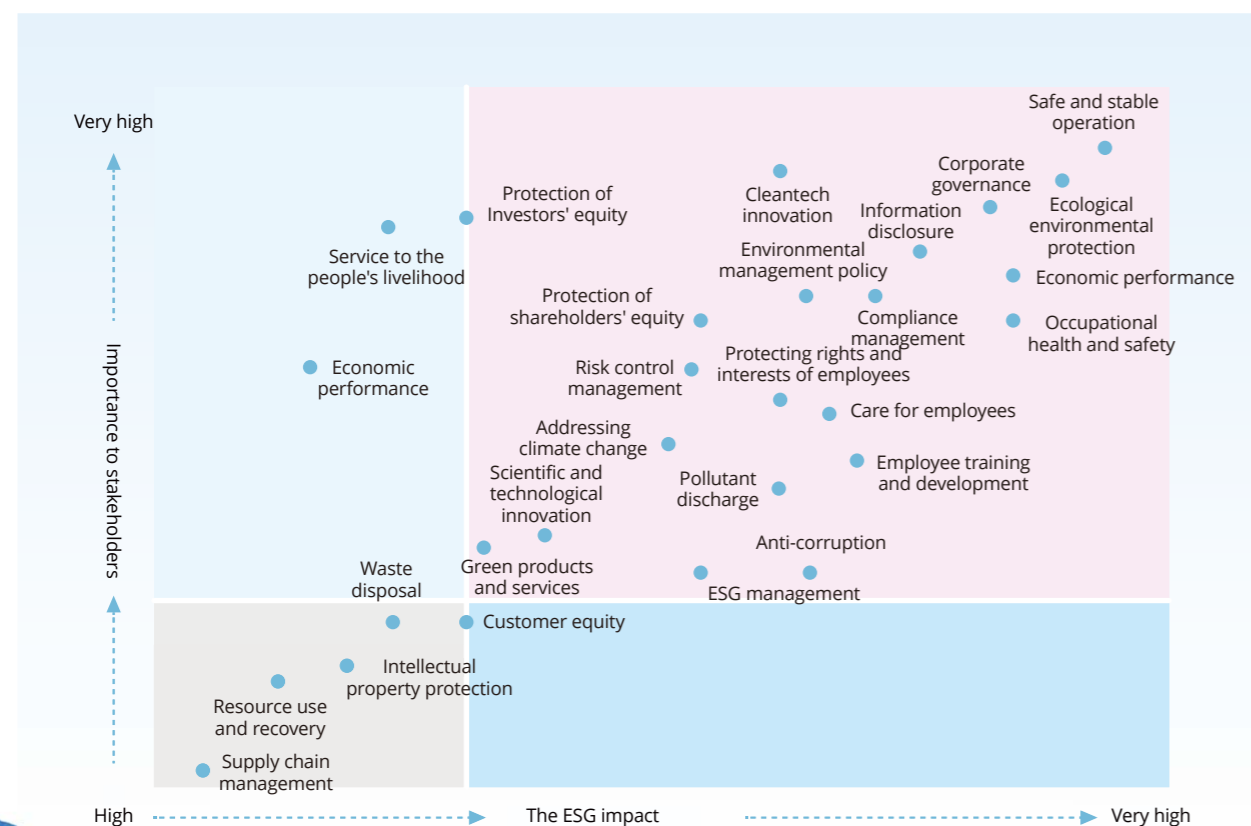
Stakeholders	Expectations and demands	Communication and responses
Government	<ul style="list-style-type: none">Responding to national strategiesCompliance operation in compliance with lawsSafeguarding energy securityOptimizing the energy structureDriving local economic development	<ul style="list-style-type: none">Supporting national strategyStrengthening compliance operation managementMaking overall arrangements to ensure the energy supplyImproving the proportion of installed capacity of clean energyProtecting the local ecological environmentPromoting local development through rural revitalization
Shareholders	<ul style="list-style-type: none">Asset preservation and appreciationSustainable development of companiesTransparent information disclosure	<ul style="list-style-type: none">Enhancing corporate competitiveness and profitabilityImproving quality and efficiency, improving risk resistance capacity and compliance management levelTimely conducting of information disclosure and investor communication
Business partners	<ul style="list-style-type: none">Business ethicsTransparent procurementMutual benefit and win-win	<ul style="list-style-type: none">Observing business ethicsOpen and transparent procurementBuilding cooperation platforms
Employees	<ul style="list-style-type: none">Protecting basic rights and interestsCompensation and benefits guaranteeEmployee career developmentOccupational health and safetyHumanistic care for employees	<ul style="list-style-type: none">Improving union organization and electing employee supervisorsMedical insurance, enterprise annuity, etc.Conducting employee skills trainingOrganizing safety training and regular medical examinationsProviding assistance to employees in difficultyProtecting the rights and interests of female employees
Customers	<ul style="list-style-type: none">Integrity and high-quality servicesSecure and stable supplyWork safety operation	<ul style="list-style-type: none">Conducting client satisfaction surveysProviding a reliable and stable energy supplyEnsuring energy supply at major nodesImproving and implementing the HSE system
Community	<ul style="list-style-type: none">Promoting community developmentParticipating in social welfareDriving community economy	<ul style="list-style-type: none">Participating in community activities and local developmentPromoting local employmentMaking tax contributionsDeveloping education support and poverty alleviation through consumptionPromoting rural revitalization
Environment	<ul style="list-style-type: none">Addressing climate changeEnergy saving and emission reductionWater resources managementPollution prevention and controlProtecting biodiversity	<ul style="list-style-type: none">Greenhouse gas emission reductionImplementing clean productionComprehensive protection of water resourcesStrictly controlling pollutants emissionsOverall planning, breeding and releasing, vegetation restoration



Identification of Substantive Issues

SDIC Power identified and summarized 29 ESG topics in combination with its own development status and the evaluation results of stakeholders on potential topics, with reference to GRI, the United Nations Sustainable Development Goals and other relevant requirements.

The Company established the following substantial issue matrix as an important basis and guide for ESG information disclosure and management, based on the impact of different topics on business development and the importance to stakeholders, and included the expert consultation and management feedback results.



ESG Honors

In 2022, SDIC Power was successfully selected into the "Central Enterprises ESG · Vanguard 50 Index", and won first place in the "Central Enterprise ESG · Social Value Vanguard 50 Index".



In 2022, SDIC Power won the Wind ESG A-share Industry Best Practice Award and ranked first in the power industry in the Wind ESG rating.



In 2022, with distinguished professional capabilities, C&G Environment Protection (Thailand) (the main operator of Thailand's waste-to-energy project under SDIC Power) has won the CSR-DIW Continuous Award, making it the only Chinese enterprise in Thailand to have received this honor for three consecutive years.



国投电力
华证ESG评级

C CC CCC B BB BBB A AA AAA

该公司所在GICS三级行业排名为: 1/61

数据更新日期: 2023/01/31

In 2022, SDIC Power won the ESG BBB rating of Sino-Securities, and surpassing 95% of listed companies; ranking 2/132 in GICS utilities and 1/61 in GICS power utilities.



SPECIAL TOPIC

TWENTY YEARS OF SDIC POWER (2002-2022)

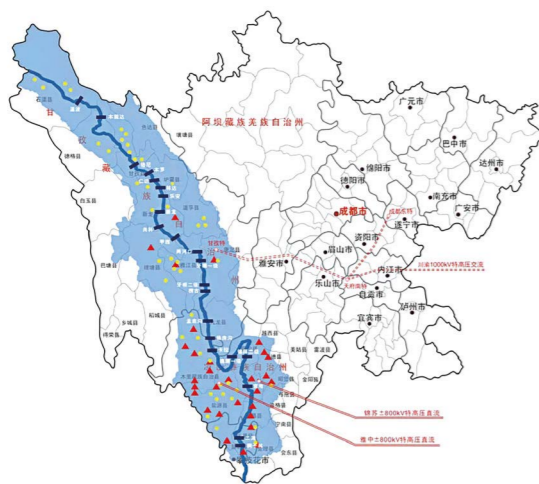
In 2002

On September 30, 2002, SDIC Huajing Power Holdings Co., Ltd. was listed on the Shanghai Stock Exchange with the stock code "600886".



In 2003

In October 2003, the National Development and Reform Commission of the PRC issued a document agreeing and authorizing the Ertan Hydropower Station of SDIC to be exclusively responsible for the development of hydropower resources in the Yalong River Basin, which has established the only dominant position in the development of hydropower resources in the whole Yalong River Basin at the national level.



In 2006

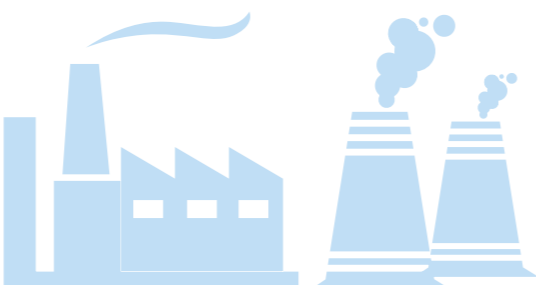
The first batch of 300,000 kW thermal power units independently constructed and operated by the Company - two units of SDIC Qinzhou were put into commercial operation in March and August 2006 respectively.

In 2007

In November 2007, two units of SDIC Qinzhou Electric Power Co., Ltd. were put into operation for power generation, which was the first batch of 600MW thermal power units independently constructed and operated by the Company.

In 2008

On October 18, 2008, the first wind power project of SDIC Power was completed and put into operation in Jiancaitang Phase I of SDIC Baiyin Wind Power Co., Ltd. The Company has achieved "zero breakthroughs" in new energy projects.



In 2009

Unit 1 and Unit 2 of Beijing Power Plant, first batch of national circular economy pilot projects, were put into commercial operation in September and November 2009 respectively.



In 2009, SDIC Power possessed high-quality and scarce resources developed in the Yalong River Basin through directional private placement of shares for fund-raising to shareholders, which complemented and grew with hydropower and thermal power, becoming the second largest blue-chip listed hydropower company at that time in China.



SDIC Shizuishan Photovoltaic Power Co., Ltd., the first solar power generation of SDIC Power, was registered and established on September 2, 2009. The project was fully completed and put into operation in August 2012.

In 2013

On August 30, 2013, the first batch of two 600MW units of Jinping I Hydropower Station on the Yalong River, which was the most technically difficult and located in the highest arch dam in the world, was put into operation for power generation.

In 2016

SDIC Power Set Sail to Go Global and Signed the First Overseas Project

On February 3, 2016, SDIC Power signed an equity acquisition agreement for the Banten Project in Indonesia. The Banten Thermal Power became the first real "going global" project of SDIC Power.

SDIC Power Successfully Engaged in the European Offshore Wind Power Project



In February 2016, SDIC Power signed a 100% equity acquisition agreement of Respol Nuevas Energias UK Limited, engaging in the European offshore wind power market.



In 2017

Banten Phase I Thermal Power Project in Indonesia Successfully Transferred to Commercial Operation



On March 28, 2017, the Banten Phase I Thermal Power Project in Indonesia invested and constructed partly by SDIC Power was successfully put into commercial operation. Banten Phase I Thermal Power Project was the first overseas project put into operation by SDIC Power, which was an important milestone for overseas business from investment to operation.

In 2018

SDIC Power Successfully Acquired Yunnan 300MWp Solar Power Station



On June 28, 2018, SDIC Power acquired 90% equity of the Jianshui Nanzhuang 300MWp Solar Power Station (the mountain solar power station with the largest single capacity in Asia and the world at that time) of Yunnan Metallurgical New Energy Co., Ltd., marking a new journey in the development of new energy investment.

SDIC Power was Officially Included in the List of the First Batch of MSCI China

On May 15, "SDIC Power" was included in the MSCI series indexes.

In 2019

On December 13, 2019, SDIC Power won the "Gold Quality" Social Responsibility Award.

On July 10, 2019, SDIC Power officially completed the merger and acquisition of Newsky (China) and officially connected to the waste-to-energy power generation business. In August of the same year, an investment enterprise of SDIC Power won the bid for two new waste-to-energy power generation projects in Bangkok, Thailand.

In 2020

On April 1, 2020, SDIC Power completed the equity transfer of its 6 thermal power enterprises, realizing the further optimization of the thermal power industry layout and the major strategic adjustment of the capacity structure, and won the "Gold Award for Capital Operation" of Shanghai United Assets and Equity Exchange in 2019.

On October 19, the "Shanghai-London Stock Connect" global depository receipt (GDR) of SDIC Power was launched on the London Stock Exchange and began conditional trading. On October 22, it was officially listed on the London Stock Exchange.



In 2021

The Lianghekou Hydropower Station on Yalong River, China's highest million-kilowatt hydropower station, was officially put into operation

On September 29, 2021, the Lianghekou Hydropower Station on the Yalong River, a million-kilowatt hydropower station with the highest earth-rock fill dam in China and the second highest in the world in Ganzi, Sichuan, was officially put into operation.



SDIC Power Completed the Delivery of the Batang Toru Hydropower Project in Indonesia

On October 15, 2021, SDIC Power completed the equity acquisition and delivery of the Batang Toru Hydropower Project. The Batang Toru Project is located in a key country along "The Belt and Road", which is in line with the overseas strategic layout of the Company focusing on the main business and implementing investment along the "Belt and Road".



The RMB 3.633 Billion Non-public Offering of A-shares by SDIC Power Concluded Successfully

On December 9, 2021, SDIC Power completed the registration of new shares in the non-public offering of A-shares. The total share capital of SDIC Power increased from 6,966 million shares to 7,454 million shares, raising funds to further support clean energy development.

In 2022

In 2022, new energy projects such as Pubei Longmen Wind Power and Inner Mongolia Hangjinqi Wind Power were put into operation one after another, with an additional installed capacity of 1,045,900 kW of new energy in the year.

In August 2022, the information disclosure work of the Company was once again rated A in the *Notice on the Assessment Results of Information Disclosure Work in 2021-2022* issued by the Shanghai Stock Exchange. The Company has been awarded Class A evaluation of information disclosure by the Shanghai Stock Exchange for six consecutive years.





6 Clean water and sanitation


7 Affordable clean energy


13 Climate action


14 Life below water


15 Life on land


01 FOCUSING ON LOW CARBON AND DEEPLY COMMITTING TO ENVIRONMENTAL PROTECTION

In response to the "Dual Carbon" strategic goal, the Company actively addressed the global climate change, continuously developed hydropower, meticulously developed thermal power, vigorously developed new energy, and promoted the low-carbon transformation of power supply structure. The Company continuously optimized the environmental protection management system and strengthened the awareness of environmental protection; actively improved resource and energy utilization efficiency, attached importance to pollution emission management and implemented ecological environmental protection.

Investment in energy conservation and environmental protection

782.9037 million RMB

The compliance rate of ultra-low emission limit of conventional coal-fired power units

100%

Addressing climate change	24
Leading clean energy	25
Deepening Environmental Management	26
Efficient utilization of resources	30
Promoting pollution prevention and control	32
Protecting the natural ecology	34



ADDRESSING CLIMATE CHANGE

SDIC Power has continued to strengthen its ability to cope with climate change, actively carry out the identification and assessment of climate change risks, fully identify the impacts and challenges brought by climate change, and scientifically plan risk mitigation measures.

Risks and opportunities brought by climate change

Identification of climate change risks

Climate change risks	Risk descriptions	Solutions
Policies and regulation risks	The government gradually introduces or adjusts policies and regulations related to carbon emissions, carbon trading, new energy subsidies, and other related issues.	<ul style="list-style-type: none">Follow the trend of policy and regulatory changes and adjust corporate strategies in a timely mannerImprove the professionalism and forward-looking of project prequalificationStrengthen technical researchImprove measures related to energy conservation and emission reduction
Acute climate incident risk	Affected by extreme weather events, resulting in equipment damage and reduced production capacity	<ul style="list-style-type: none">Take effective natural disaster management measuresImprove equipment resilienceStrengthen early warning mechanisms and disaster response capabilitiesEnhance spare parts and materials storage and deploymentImprove emergency response capabilities
Market risks	Changes in energy demand and fluctuations in energy prices	<ul style="list-style-type: none">Actively promote the development of clean energyImplement energy conservation and carbon reduction transformation, flexibly assist in peak regulationImprove efficiency through lean managementStrengthen power marketingReduce coal consumption of thermal power units
Technical risks	Limitations of technical application scenarios, etc.	<ul style="list-style-type: none">Pay attention to the development trend of emerging technologies, reduce cost and increase efficiencyInvestigate new technologies, and technological innovation drives transformation and development

Identification of climate change opportunities

Climate change opportunities	Description
Clean energy development	The "Dual Carbon" strategy has been established at the national level, and there is a large space for investment and development of clean energy such as solar energy, wind energy and hydropower.
New energy storage	The rapid growth of new energy installed capacity brings about the problem of electricity consumption, and the demand for peak load and frequency regulation is becoming increasingly urgent.
Improvements in energy efficiency	Advanced energy-saving technologies and management modes can be adopted to reduce energy consumption and costs and improve competitiveness.
New markets	China's green credit market and carbon market develop rapidly, and there is a broad prospect for participating in carbon emission trading and issuing green bonds.



LEADING CLEAN ENERGY

SDIC Power actively implemented the "Dual Carbon" strategic goal, committed to creating a new pattern of green power development and strived to be first, adjusting the business structure layout, and actively adapting to the development trend of the new power system.

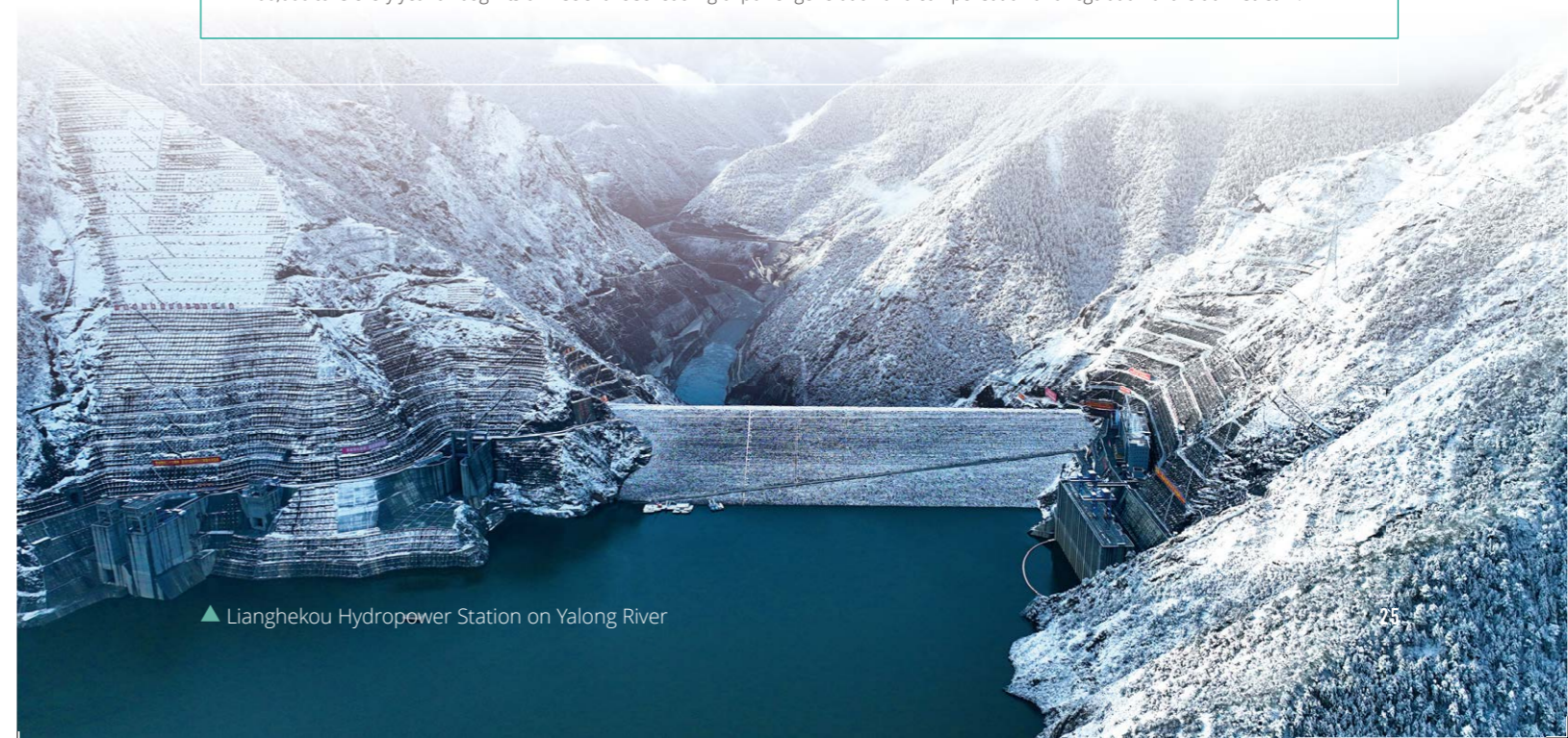
In 2022, the Company's clean energy projects were successfully put into operation, and the proportion of clean energy increased steadily. As of December 31, the installed capacity of clean energy accounted for 68.54%, with an increase of 1.34 percentage points over the previous year.

CASE

Lianghekou Hydropower Station Put into Operation, Contributing to the "Dual Carbon" Goals



In March 2022, after 17 years of hard work of many people, the Lianghekou Hydropower Station on the Yalong River overcame a series of world-class challenges represented by "five highs", ushering in a historic moment when all six units were put into operation for power generation. Lianghekou Hydropower Station is the largest multi-year regulating reservoir in Sichuan Province. After being put into operation, it formed three joint regulating reservoirs with Jinping I Hydropower Station and Ertan Hydropower Station that have been built on the mainstream of Yalong River, with a total regulating storage of 14.84 billion m³. According to the feasibility study report, Lianghekou Hydropower Station can reduce raw coal consumption by 13.3 million tons, carbon dioxide emission by 21.3 million tons and sulfur dioxide emission by 200,000 tons every year through its own scientific scheduling of power generation and compensation and regulation of the downstream.



▲ Lianghekou Hydropower Station on Yalong River



DEEPENING ENVIRONMENTAL MANAGEMENT

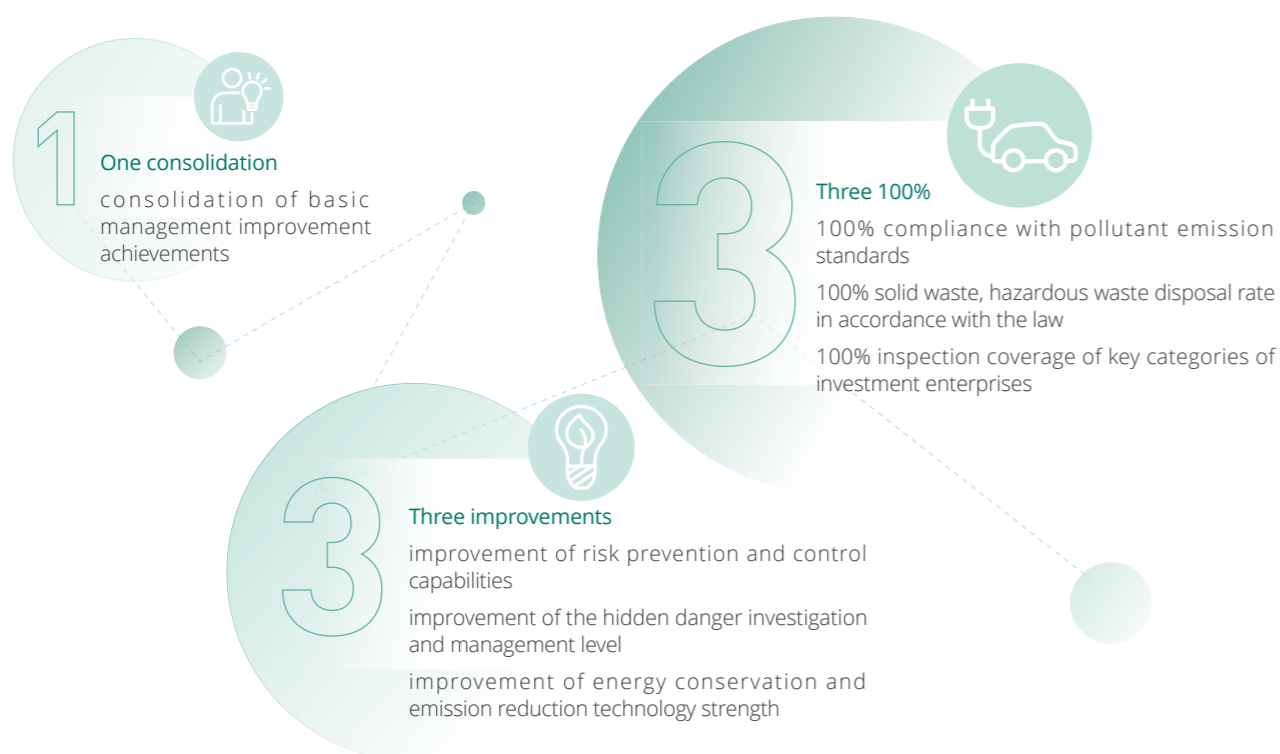
SDIC Power has adhered to the concept of green development, solidly promoted the environmental management objectives, continuously improved the environmental management system, strictly implemented the ecological environmental protection responsibility system, and gradually optimized the solution of environmental management problems in the process of production and operation.

Environmental management objectives

The Company has clearly defined environmental management objectives, scientifically formulated annual environmental management plans and environmental protection control indicators, decomposed and issued them at each level, and integrated environmental protection management into all aspects of production and operation management.

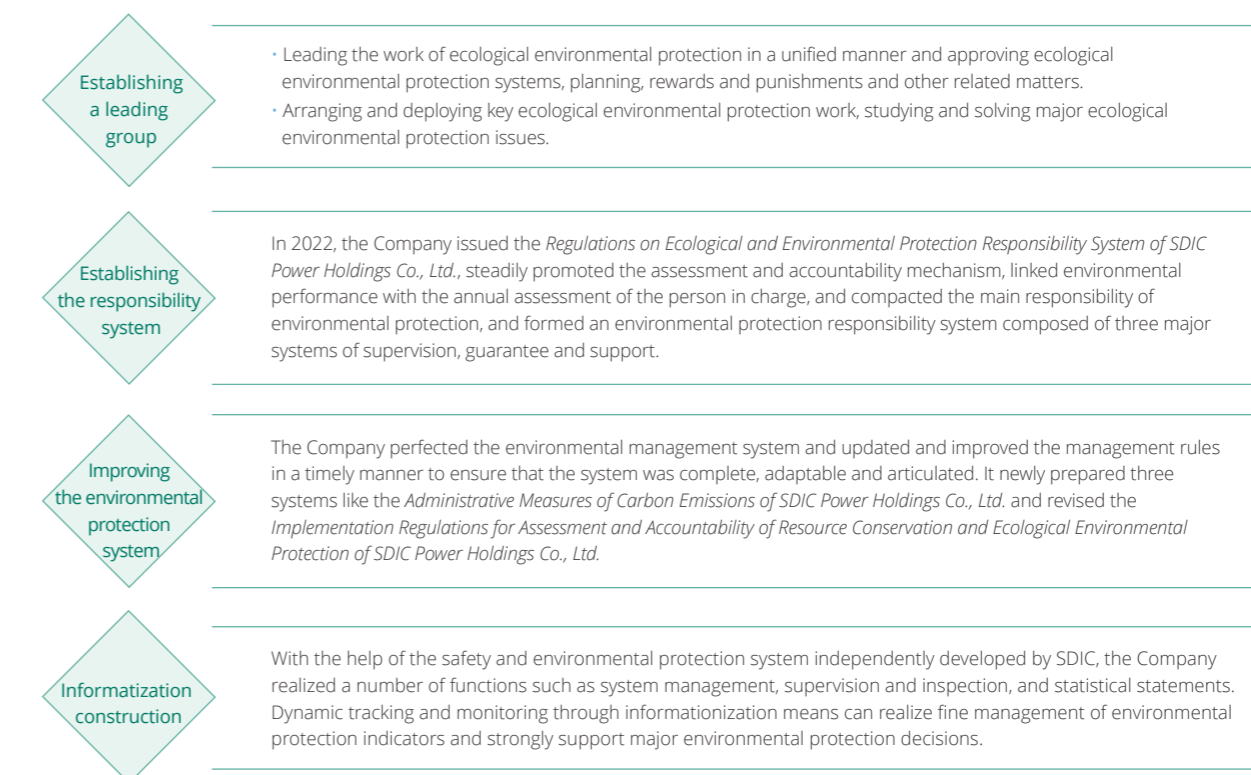


In 2022, SDIC Power organized the "Year of Consolidation of Ecological and Environmental Protection Foundation" to achieve the goal of "one consolidation, three improvements and three 100%".



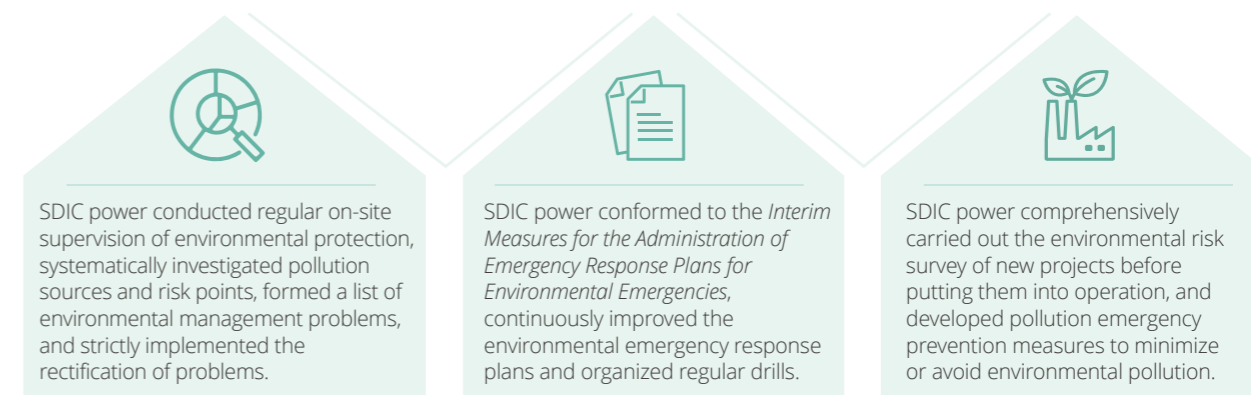
Environmental management system

The Company continuously carries out the construction of environmental management systems and strictly abides by the *Environmental Protection Law of the People's Republic of China* and other laws and regulations. The company established a leading group for resource conservation and ecological environment protection and fully implemented the main responsibility of ecological environmental protection. The company formulates the environmental management system with *Administrative Measures for Ecological and Environmental Protection of SDIC Power Holdings Co., Ltd.* as the core, constantly improves the management system, and ensuring the efficient operation of the environmental management system through systematic operation mechanisms and supervision and management measures to effectively improve the management level of environmental protection, energy conservation and emission reduction.



Environmental risk control

The Company actively identified and managed environmental risks, conducted special risk assessments of risk hazards, and established a regular environmental risk disposal mechanism. It practically optimized and improved the organizational system, institutional system, implementation of responsibility system and management of potential risks, and steadily improved the management level. The company publicized and implemented the standardized system of ecological environmental protection. The on-site inspection of ecological environmental protection for all key investment enterprises was fully covered in 2022.





Environmental protection concept cultivation

In order to build a conservation-oriented enterprise, establish and popularize the concept of ecological civilization and green development, and form a civilized, economical, green and low-carbon consumption pattern and lifestyle, SDIC Power has solidly organized enterprises to carry out various and colorful energy-saving, environmental protection, low-carbon and green publicity activities and achieved good results.

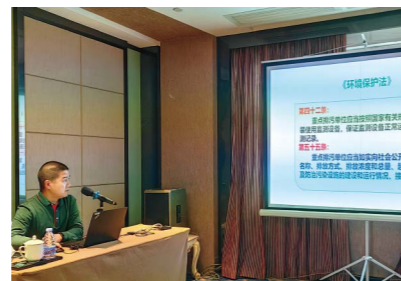
Environmental protection training

SDIC Power effectively strengthened the ability of personnel in investment enterprises to perform their duties and carried out multi-level and multi-form environmental protection training around new energy enterprises and thermal power enterprises.

CASE

SDIC Power Ecological Environmental Protection Exchange and Training Meeting

In September 2022, SDIC Power organized the 2022 SDIC Power Ecological Environmental Protection Exchange and Training Meeting, covering topics: exchange and discussion of advanced environmental protection management experience, revision of air pollutant emission standards and carbon emission management for domestic thermal power plants, and training of environmental protection internal trainers. By publicizing and implementing the ideas of ecological and environmental protection work and deeply promoting advanced management concepts, the understanding of ecological and environmental protection management work of investment enterprises was enhanced.



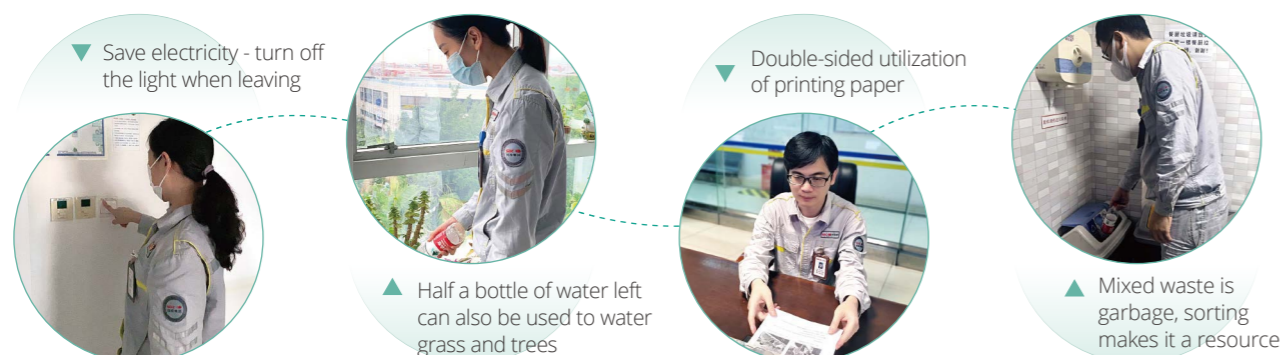
Environmental protection publicity and theme activities

The Company cultivated and practiced the resource concept of economical and intensive recycling, carried out in-depth publicity on the theme of environmental protection, and carried out publicity and education on energy conservation, low carbon, energy conservation and environmental protection for all employees. In 2022, the Company strengthened the publicity of environmental protection on its WeChat official account, displayed board bulletin boards, posters and other channels to improve employees' awareness of energy conservation, low carbon and environmental protection; Various investment enterprises were organized to carry out a variety of theme activities such as "6.5 Environment Day", "Energy Conservation Publicity Week" and "National Low Carbon Day" so that the development concept of "Lucid waters and lush mountains are invaluable assets" was deeply rooted in the hearts of the people.



CASE

Huaxia Power Practiced Low-carbon Office



CASE

SDIC Power Carried out a Series of Publicity and Education Activities around the 51st "World Environment Day"

June 5 is "World Environment Day", and the theme of this year's World Environment Day is "Building a Clean and Beautiful World". The headquarters of SDIC Power organized investment enterprises to innovate work forms and methods and expanded the publicity coverage and influence of ecological and environmental protection.

SDIC Dachaozhan launched the "One-hour Power Outage" activity

SDIC Dachaozhan organized and carried out the "one-hour power outage" energy shortage experience activity, so as to stimulate employees' awareness of resource shortage and green and low-carbon through the experience of many inconveniences caused by energy shortage, and enable employees to consciously transform the awareness and concept of energy conservation and low-carbon into practical actions.

SDIC Qinzhou made efficient use of production reused water

By comprehensively maintaining the greening spray system in the plant area, SDIC Qinzhou was able to use recycled production water for all purposes of greening spray and ground flushing.

SDIC Xiaosanxia carried out multi-form publicity

SDIC Xiaosanxia posted 36 environmental protection education wall charts and 36 hazardous chemicals safety knowledge education wall charts; organized the compilation of the 45th special issue of environmental protection publicity, the special issue of World Environment Day 2022, to popularize knowledge on carbon peak and carbon neutrality.

Jiangsu New Energy carried out environmental protection publicity in the community

Jiangsu New Energy carried out environmental protection publicity activities in publicized environmental protection laws and regulations, energy conservation and emission reduction knowledge, household hazardous waste knowledge and other environmental knowledge.



EFFICIENT UTILIZATION OF RESOURCES

SDIC Power made full use of resources, practiced the principle of circular economy, strengthened energy efficiency improvement management, and formulated systems such as *Supervision and Administration Measures of Resource Conservation of SDIC Power Holdings Co., Ltd.* and *Provisions on the Supervision and Inspection of Resource Conservation and Ecological Environmental Protection of SDIC Power Holdings Co., Ltd.* to regulate the rational use of resources and energy and continuously improve the utilization rate of resources.

Reducing water consumption pressure

The Company attached great importance to water resources management, explored the use of advanced water conservation technologies, reduced freshwater consumption, and continuously improved water resource utilization. The company carried out the joint scheduling of the cascade reservoirs, continuously monitored water conditions and levels, and promoted the maximum utilization of water energy.

Fresh water consumption

22,114,900 tons

Reuse rate

98.79 %

Reused water consumption

1,802,797,700 tons

Improving energy efficiency

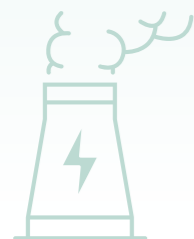
The Company entrusted professional technical institutions to carry out energy conservation consulting services for thermal power units, periodically analyzed energy consumption indicators of thermal power units, proposed energy conservation improvement measures, guided investment enterprises to optimize the unit operation and carry out equipment maintenance and repair, and promoted continuous improvement of energy efficiency.

Comprehensive energy consumption

8,642,000 tons of
standard coal

Comprehensive energy consumption per RMB 10,000 output value (comparable price)

2.12 tons of standard
coal/RMB 10,000



SDIC Beijing Multiple Units Benchmarking Rated 3A/4A

In the benchmarking activity for the energy efficiency level of thermal power units in the power industry organized by the Electricity Council in China, Units 1 and 3 of SDIC Beijing won the 4A-level winning unit after passing the review, and Unit 4 won the 3A-level winning unit. The competition mainly focused on five parts: unit reliability management indicator, economic indicator, technical supervision indicator, environmental protection indicator and safety indicator, which can fully reflect the comprehensive management level of large thermal power units in energy conservation and consumption reduction, and had a certain authority in the industry.

中国电力企业联合会文件		1000kV 及以下电压等级变电站主设备		AAA 级	
中电联公告〔2022〕112 号		一、1000kV 电压等级变电站主设备		AAA 级	
中电联关于公布 2022 年年度电力火电企业机组能效水平目标的通知		华能南京发电有限公司	7 号机组	国能寿光发电有限责任公司	2 号机组
		华电泰州发电有限公司	4 号机组	华润电力（唐山曹妃甸）有限公司	4 号机组
		华能南京金陵发电有限公司	4 号机组	华能南京金陵发电有限公司	1 号机组
		中国能源建设集团四川发电有限公司	1 号机组	上海上港港务发电有限公司	2 号机组
国能南京金陵发电有限公司		华能（浙江）嘉兴南汇发电有限公司 5 号机组	1 号机组	大唐三门峡发电有限责任公司	5 号机组
		广东大唐国际潮州发电有限公司 2 号机组	2 号机组	湖北三峡能源团鄂州发电有限公司	6 号机组
国能南京金陵发电有限公司		AAA 级		天津国投津能发电有限公司	4 号机组
国能南京金陵发电有限公司		上海上能发电有限公司	6 号机组	天津国投津能发电有限公司	
		上海上能发电有限公司	4 号机组		
		广东大唐国际潮州发电有限公司 1 号机组	1 号机组		
		天津国投津能发电有限公司	1 号机组		
国能南京金陵发电有限公司		天津国投津能发电有限公司	2 号机组	江苏国信溧水发电有限公司	6 号机组
		江苏国信溧水发电有限公司	4 号机组	湖南华洋第三发电有限责任公司	6 号机组
		湖南华洋第三发电有限责任公司	4 号机组	国能神皖安庆发电有限责任公司	4 号机组
		国能神皖安庆发电有限责任公司	13 号机组	国家能源集团溧水发电有限公司	13 号机组

Comprehensive utilization of resources

The Company made full use of waste resources, turned waste into treasure, turned harm into benefit, reduced the consumption of non-renewable resources, and effectively improved the comprehensive utilization efficiency of resources.

Newsky (China) Reconstructed Biogas Pipeline

In 2022, Newsky (China) implemented the biogas pipeline reconstruction project to introduce the biogas generated by anaerobic fermentation in the leachate station to the biogas boiler of the kitchen sludge treatment project for incineration to produce steam, reduced diesel consumption and avoided the waste of biogas resources.

SDIC Panjiang: Coal Gangue Power Generation, Turning Waste into Treasure by Technologies

As the first comprehensive utilization project of 300 MW coal gangue power generation in Guizhou Province, SDIC Panjiang has continuously explored the comprehensive utilization of low-calorific-value bulk industrial solid waste resources such as coal slime and coal gangue, carried out the research on a large-proportion blending of coal slime and the transformation of comprehensive utilization of coal gangue. It successively completed more than 10 special energy-saving transformations, and solved technical problems such as coal chute plugging, slag discharge difficulty, low coal feeding efficiency of coal handling system and GGH corrosion caused by large-proportion blending. The 300MW circulating fluidized bed boiler has the largest single coal slime conveying capacity and the largest coal slime blending proportion in the world, reaching the international leading level. In 2022, the "Theory and Method of Large Scale Coal Slime Blending Combustion Based on Optimization of Gas-solid Flow State and Material Balance in Furnace" released by SDIC Panjiang was selected as the "Excellent Practice Case of Green and Low-carbon Development of Enterprises in 2022" by China Enterprise Confederation.



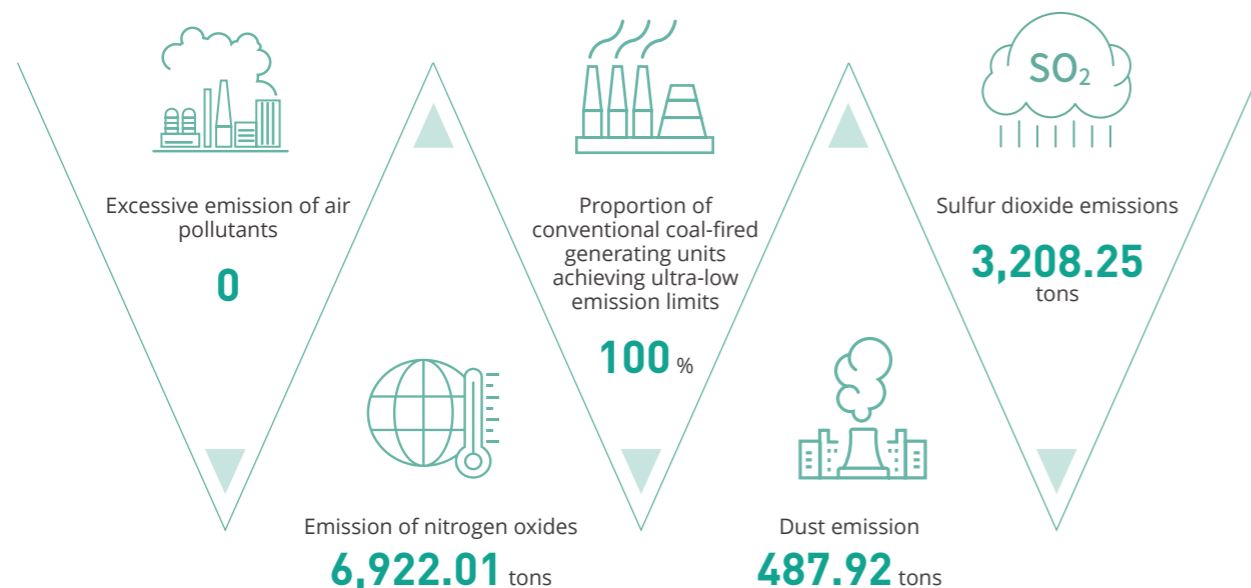


PROMOTING POLLUTION PREVENTION AND CONTROL

The Company strictly prevented and controlled air and water pollution, made efforts to manage waste discharge, strictly implemented the *Interim Measures for the Administration of Emergency Response Plans for Environmental Emergencies*, and formulated emergency prevention measures to cope with air pollution, water pollution and solid waste pollution, resolutely fought the battle against pollution, minimized or avoided environmental pollution and protected the ecological environment.

Air pollution control

SDIC Power strictly abided by the *Law of the People's Republic of China on Air Pollution Prevention and Control* and other laws and regulations, reduced air pollution, and carried out work in accordance with the *Guidelines for Environmental Compliance of Coal-fired Thermal Power Enterprises* and the requirements of pollutant discharge permits, implemented ultra-low emission and emission right management, and carried out in-depth supervision, management and treatment of air pollutants.



Wastewater disposal management

SDIC Power strictly controlled the discharge of industrial wastewater in accordance with the *Law of the People's Republic of China on Prevention and Control of Water Pollution and Standards* at all levels. The Company continued to promote enterprises to carry out the transformation of desulfurization wastewater and coal-containing wastewater, fully implemented rainwater-sewage diversion and clean water-sewage diversion, strengthened the prevention and control of production and domestic wastewater pollution, standardized sewage and wastewater treatment measures, further improved the recycling rate of wastewater, and ensured up-to-standard and reduced discharge.

Industrial wastewater discharge
2,255 tons

Chemical oxygen demand (COD) emissions
0.0369 tons

Ammonia nitrogen emissions
0.0170 tons

Solid waste disposal

SDIC Power strictly abided by the *Law of the People's Republic of China on Environmental Prevention and Control of Solid Waste Pollution* and other laws and regulations, organized and implemented a special rectification plan for hazardous waste, improved the whole process control measures for hazardous waste from generation to disposal and reduced the impact of solid waste generated from power generation on the environment from the source; The company continuously promoted the comprehensive utilization of solid waste, adjusted measures to local conditions and implement comprehensive policies, broke through the technical bottleneck of comprehensive utilization of solid waste, accelerated the promotion and application of advanced technologies, and accumulated experience for the comprehensive utilization of solid waste recycling in the power industry.



Solid wastes and hazardous wastes

Strengthening the source separation control of hazardous wastes, standardizing the storage marking and identification, classification and partition storage, out-put and in-put of the warehouse, emergency facilities and other management of hazardous waste, carrying out quarterly self-evaluation, to ensure the compliance disposal of hazardous wastes

Hazardous waste disposal volume

11,533 tons

General solid wastes generated

5,540,236 tons

Comprehensive utilization ratio of general solid wastes

95.64 %

Wastes

- Household wastes: Unified collected, regularly transferred to the dedicated household garbage dump to stack, and timely covered with soil
- Construction wastes: Transported to the designated place for landfill and soil-covering greening treatment as required





PROTECTING THE NATURAL ECOLOGY

SDIC Power strictly implements the requirements of laws and regulations such as the *Environmental Protection Law of the People's Republic of China* and the *Regulation on the Administration of Environmental Protection of Construction Projects* to protect biodiversity and biological habitats. Differentiated measures were taken at different stages of the Project to reduce adverse ecological impacts, maintain ecological balance and promote the benign development of the ecological environment.

Vegetation restoration

The Company has protected forest and grass resources to the maximum extent, formulated vegetation restoration plans, made full use of suitable space to scientifically arrange greening land, and promoted vegetation restoration in key areas.

Ecology scheduling

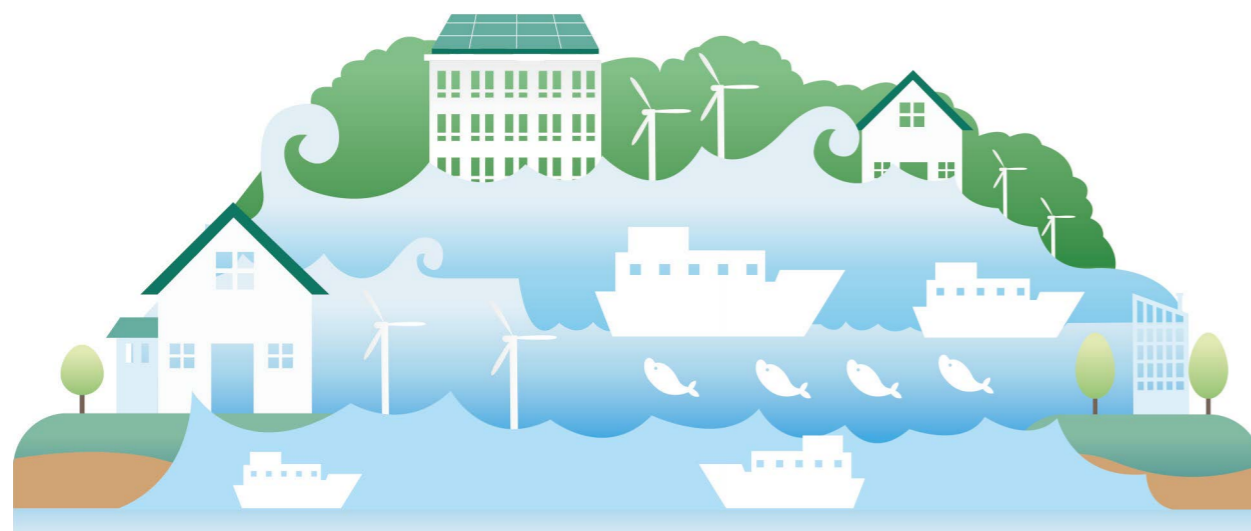
In order to mitigate the adverse impacts of low-temperature water discharged from the reservoir on the ecology, the Lianghekou Hydropower Station and Jinping I Hydropower Station of the Company took water from different layers through stoplog. They adjusted the operational mode in real time according to changes in water level and depth and raised corresponding gates to obtain surface water with higher temperatures for power generation, thereby controlling the downstream water temperature and effectively improving the aquatic ecology environment downstream.

Enhancement and releasing

The Company continuously improved and optimized biodiversity protection measures and solutions, gave full play to the advantage of "one main body developing one river" of Yalong River Hydropower Station, coordinated the fish protection work in Yalong River Basin, established fish propagation and release stations in the basin near Yalong River, and adopted independent operation and management mode.

In 2022

about **2.27** million fish fries were propagated and released in the Yalong River Basin.



Jinping - fish propagation and releasing station



CASE

Yalong River Hydropower Took Measures to Protect Biodiversity

In 2022, the Yalong River Hydropower Station innovated its work forms and methods and took multiple measures to effectively protect biodiversity. It expanded the coverage and influence of ecological and environmental protection publicity through various forms of publicity activities, posted publicity posters, innovatively adopted new media forms to carry out publicity, and shot short videos such as "Building a Clean and Beautiful World with Yalong River" and "The Misses from the Power Station Take You to Release Fish Fries at Zero Distance"; It carried out proliferation and releasing activity. A total of about 950,000 fish fries such as *schizothorax wangchiachii*, *schizothorax chongi*, and *schizothorax kozlovi* were released in the joint action of fish propagation and releasing in the hydropower industry in "World Environment Day 2022".



▲ Fish Propagation and Release Activities of Jinping and Guandi Hydropower Stations on Yalong River in 2022



7 Affordable clean energy



9 Industry, innovation and infrastructure



17 Partnerships to facilitate goal achievement



02 FORGING AHEAD WITH DETERMINATION AND INNOVATE FOR STABLE OPERATIONS

Focusing on the national strategy of self-reliance and self-improvement in science and technology, the Company has continuously strengthened top-level design and improved the system and mechanism of scientific and technological innovation. The Company will stimulate development vitality with deepening reform, focus on science and technology to promote enterprise development, promote informatization construction, continuously enhance competitiveness, innovation, influence and risk resistance capacity, integrate ESG concepts into supply chain management, and work with partners to promote the improvement of quality management level of the industrial chain, so as to achieve higher quality, more efficient, more fair, more sustainable and safer development.

R&D investment

89,599,100
RMB

Network security incidents and major anomalies

0
time

Low-carbon operation management 38

Upholding Integrity while Keeping Innovation to Increase Efficiency 40

Working together for a win-win Cooperation 42



LOW-CARBON OPERATION MANAGEMENT

SDIC Power has been actively practicing the concept of low-carbon operation, comprehensively implementing the "Dual Carbon" strategy, closely following the industry policies, consciously fulfilling the obligations of emission reduction and carbon reduction, and actively exploring the layout of green power and carbon sink business.

Established carbon management system

Established the "1+4" carbon emission management system and built a unified coordination and management mechanism

Issued the *Administrative Measures of Carbon Emissions of SDIC Power Holdings Co., Ltd.*(Provisional) and formulated four implementation regulations for carbon emissions data management, carbon asset management, carbon trading management, and voluntary greenhouse gas emissions reduction project management.

Established a unified coordination and management mechanism covering the headquarters, functional departments and investment enterprises at three levels based on the principles of "overall coordination, collaborative management, performance-oriented and benefit-first".

1 Carbon Emission Management Law of SDIC Power Holdings Co., Ltd.(provisional)

4 Management Rules for Carbon Emission Data of SDIC Power Holdings Co., Ltd.
Detailed Rules for Carbon Asset Management of SDIC Power Holdings Co., Ltd.
Management Rules for Carbon Trading of SDIC Power Holdings Co., Ltd.
Management Rules for Voluntary Greenhouse Gas Emission Reduction Projects of SDIC Power Holdings Co., Ltd.

Implementing the responsibilities of emission reduction and carbon reduction

The Company has taken the initiative and played a leading role in consciously fulfilling its obligation to reduce emissions and carbon emissions. SDIC Power actively mobilized investment enterprises to engage in carbon trading during the initial performance period.

3 emission control enterprises

completed a transaction of
1.67 million tons

with a transaction amount of RMB
69.39 million

Actively exploring green power trading

The Company has deeply explored the green environmental value of new energy generation, guided green power consumption, explored market-oriented green power trading, and contributed to the realization of the "Dual Carbon" goals and the improvement of the power trading market.

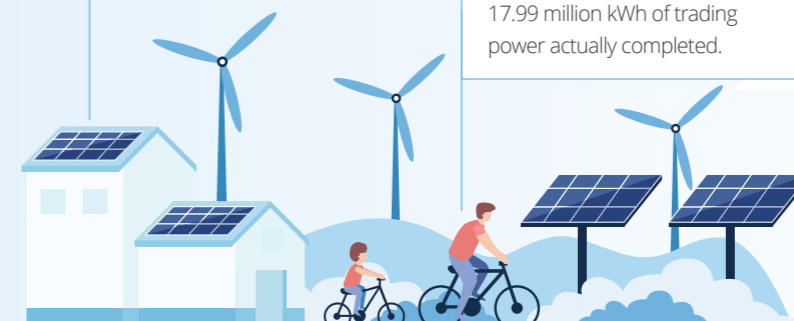
CASE

New Breakthrough in Green Power Trading

In 2022, Guyuan Solar Power completed 445,000 kWh of trading power.

Guangxi Wind Power carried out the first green power transaction for the affordable new energy project and successfully completed the settlement, with 17.99 million kWh of trading power actually completed.

Gansu Electricity Sales took the initiative to connect with the trading center and successfully completed the first cross-provincial and cross-regional green power trading from Gansu to Zhejiang.



Deploying forestry carbon sink

A forestry carbon sink is a process, activity or mechanism that absorbs carbon dioxide in the atmosphere and combines it with carbon sink trading through activities such as afforestation, reforestation, forest management and deforestation reduction. It has the characteristics of low operating cost, good benefits and easy implementation. It is currently the most economical and realistic means to deal with climate change. SDIC Power kept up with the new development trend, actively laid out the forestry carbon sink business, explored the ecological compensation mechanism of carbon dioxide emission and forest carbon sink, and consciously fulfilled its social responsibility.



In May 2022, Gansu Electricity Sales and Gansu Zongsheng Trading Co., Ltd. jointly signed a cooperation agreement for the development of the forestry carbon sink resources project, and adopted the mode of "cooperative development, cost sharing and benefit sharing".





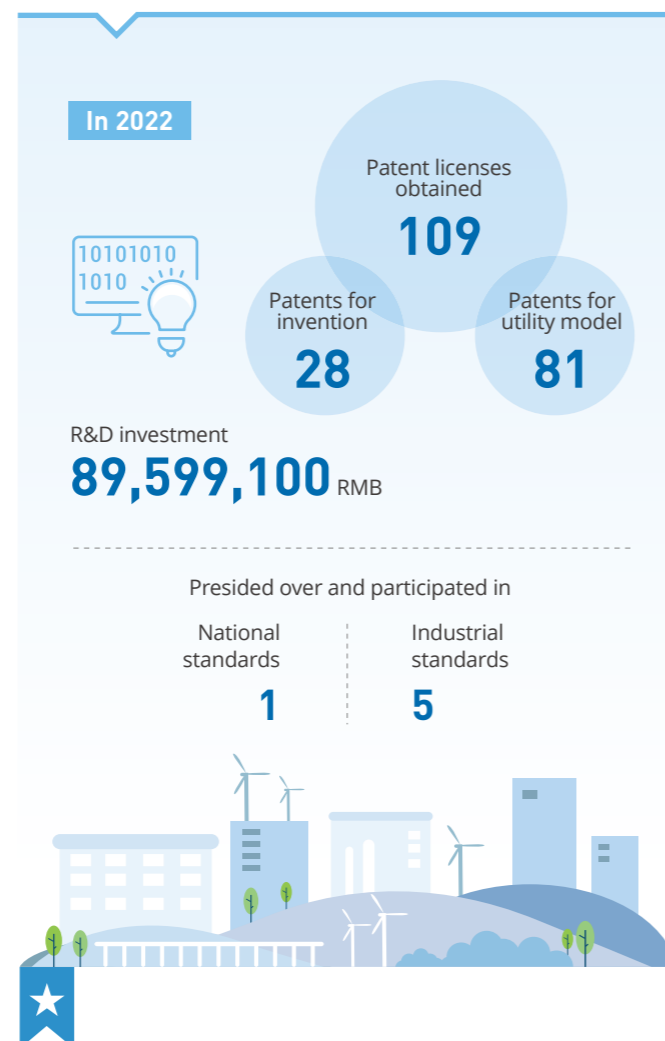
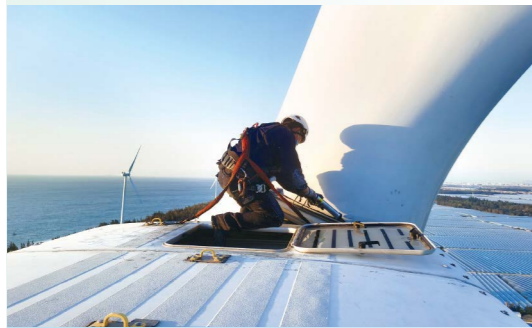
UPHOLDING INTEGRITY WHILE KEEPING INNOVATION TO INCREASE EFFICIENCY

"Being refined and professional, upholding integrity while keeping innovation" is the cornerstone of the high-quality development of SDIC Power. The Company has adhered to the spirit of "pursuing excellence with dedication and strengthening with refinement", promoted the implementation of a lean management system, and adhered to innovative development and technological upgrading. The company has focused on the construction of lean management system, continuously improved the independent innovation ability of core technology, and escorted the high-quality development of safety, stability and double improvement of quality and efficiency.

Harnessing the driving force of Innovation

SDIC Power has continued to deepen the strategy of strengthening the enterprise with science and technology, formulated the administrative measures for scientific and technological innovation and constructed the institutional support for the scientific and technological innovation management of the Company. The company established a scientific and effective mechanism for the selection, training and use of technical talents in accordance with the administrative measures for technical expert database, gave full play to the leading role of technology, and enhanced the ability of scientific and technological innovation. The company formulated interim measures for rewarding scientific and technological innovation achievements to stimulate the innovation momentum of enterprises and employees.

In addition, the Company has continuously integrated social scientific and technological resources, deepened industry linkage and school-enterprise cooperation. The Company collaborated with the National Natural Science Foundation of China to establish the third phase of the Yalong River Joint Fund, signed a new round of strategic cooperation agreements with Huawei Technologies Co., Ltd., built a joint training base for graduate students with Shanghai Jiao Tong University. The company continued to carry out innovative research with scientific research institutions such as Tsinghua University, Beijing Jiaotong University and Shanghai Boiler Factory Co., Ltd., to form an innovation co-promotion mechanism.



SDIC Power collaborated with Beijing Jiaotong University to conduct "Research on Optimization Decision-making of Equipment Overhaul and Maintenance in Large-scale Wind Farms". By researching and analyzing equipment failure modes, condition monitoring, diagnostic, and fault prevention technologies of some wind projects, they compiled technical documents like the *Manual for Optimization Analysis of Equipment Overhaul and Maintenance in Wind Farms* and developed the "Auxiliary Decision-making System for Equipment Overhaul and Maintenance in Wind Farms", providing technical support for wind power enterprises' decision-making on equipment overhaul, maintenance and optimization.



China Jinping Underground Laboratory Boosted Basic Research

China Jinping Underground Laboratory, located in Yalong Hydro Jinping Mountain Tunnel, is the deepest underground infrastructure construction in the world. It can be used to carry out frontier basic science research on dark matters, neutrinos, etc., and provide platform support for China's major basic frontier physics research. In the future, the China Jinping Underground Laboratory will gradually be built into a world-class interdisciplinary shared experimental platform.



China Jinping Underground Laboratory reported by CCTV



The laboratory undertook **2** subjects of national key research and development programs, **3** special projects of national key research and development topics and **1** Sichuan key research and development program.

CASE

Kela Solar Power Station on the Yalong River: Achieving hydro-solar integration through intelligent technology

With an installed capacity of 1 GW, Kela Solar Power Phase I is the world's largest hydro-solar hybrid power station. Built at an alpine ultra-high altitude area with an altitude of 4,000 to 4,600 m, it is characterized by large installed capacity, wide footprint and harsh natural environment, which is difficult to adapt to the traditional solar power plant operation and maintenance mode. With the aid of intelligent and digital technology, Yalong Hydro has constructed a cutting-edge "digital and intelligent" solar power station that integrates hydro and solar in the future.

Intelligent tracking to increase generated energy

The "flat single-axis bracket" and "intelligent tracking closed-loop control" are adopted, and AI technology is integrated to actively analyze and identify the best tracking angle every day.

Intelligent diagnosis and infrared sensing to accurately detect module faults

The "flat single-axis bracket" and "intelligent tracking closed-loop control" are adopted, and AI technology is integrated to actively analyze and identify the best tracking angle every day.

A unified intelligent operation and maintenance platform is built for closed-loop management of "monitoring, control and management"

Remote monitoring and intelligent management are carried out through intelligent data acquisition, fault alarms and intelligent patrol inspection of the power station.

Infrared UAV inspection improved operation and maintenance efficiency

On-site inspections by unmanned aerial vehicles (UAVs) can intelligently analyze module faults, diagnose and locate abnormal heating problems and potential risks, and target and eliminate defects, ultimately reducing operation and maintenance costs.



WORKING TOGETHER FOR A WIN-WIN COOPERATION

SDIC Power was committed to establishing mutual trust, stability and win-win cooperative relationship with suppliers and partners in the upstream and downstream of the industrial chain, strictly observing the Invitation and Submission of Bids Law of The People's Republic of China and other relevant laws and regulations, improving the procurement management system in the principle of openness, transparency and standardized management, improving the standardization level of procurement management, and jointly promoting the improvement of the quality management level of the industrial chain with partners.

Sunshine procurement

The Company has treated internal and external suppliers without discrimination in the procurement access process, adhered to the bidding principles of fairness, openness and impartiality, and insisted on "sunshine procurement". The company required all suppliers to sign integrity agreements, clearly defined the responsibility of both parties for integrity and joint construction and penalties for violations of relevant integrity behaviors, while cooperating with suppliers to fulfill social responsibilities.

In 2022

SDIC Power worked with
4,594 cooperative
suppliers

387 suppliers with
ISO 9000 Certification

244 suppliers with
ISO 14000 Certification

241 suppliers with
ISO 45001 Certification

▼ A ship unloader of Huaxia Power in operation

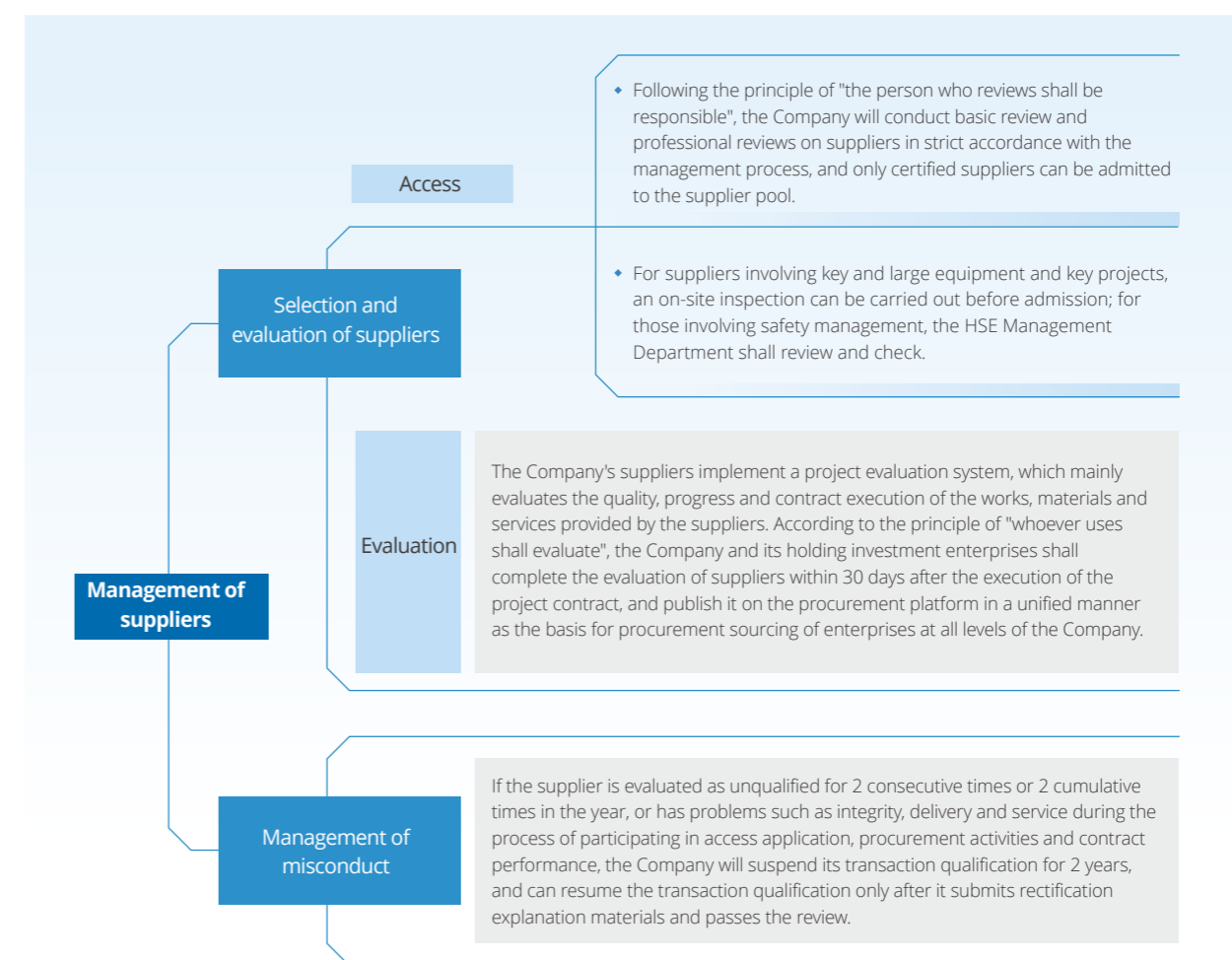


Supplier evaluation system

The Company constructed a unified supplier evaluation system, which incorporated factors such as environmental protection and safety, strictly evaluated relevant indicators, and clarified environmental protection requirements in the procurement agreement.



▲ Hoisting of the first wind turbine on Laba Mountain



SDIC Power attached great importance to the environmental protection clause of the coal purchase contract and included sulfur in the price consideration of the annual coal purchase contract, with sulfur being inversely proportional to the coal purchase price.





03 PUTTING SAFETY FIRST, BUILDING A FIRM DEFENSE LINE OF SAFETY

Electric power safety is of vital importance to the nation's economy and the people's livelihood and is an important guarantee of national security. SDIC Power regarded work safety as the development cornerstone. The company coordinated safety and development, promoted the improvement of the HSE management system, strengthened safety risk grading control and hidden danger investigation and management, and carried out special rectification actions for work safety. It made every effort to ensure personnel safety, created a good safety culture, and built a safety benchmark in the power industry.

Cost of ensuring
safety production

308,756,100
RMB

Occupational
health examination
rate

100 %

Rate of employees
participating in
work safety training

100 %

Consolidating safety management 46

Safeguarding work safety 48

Safety culture construction 50

Personnel safety guarantee 51



CONSOLIDATING SAFETY MANAGEMENT

SDIC Power has always adhered to the goal-oriented and result-oriented, run the work safety guarantee throughout the whole process of operation, continuously improved the production management mechanism, optimized the safety management system, and effectively improved the standardization and refinement of safety management. In 2022, the action "Year of Consolidation and Improvement of Special Rectification of Work Safety" was carried out to vigorously promote the implementation of the new safety, health and environmental management system of SDIC Power.

Safety management system



SDIC Power was committed to building a scientific, standardized and refined HSE management mode, forming the *Standard for Safety, Health, and Environmental Management System of Power Generation Enterprises* with risk pre-control, system management, full participation and continuous improvement as the basic principles. In 2022, SDIC Power strongly promoted the implementation of the new version of HSE management system standards and officially published the series of *SDIC Power's Standard for Safety, Health, and Environmental Management System of Power Generation Enterprises*. The series includes four volumes: Thermal Power, Hydropower, New Energy and General. Thermal Power, Hydropower, New Energy volume includes a system guideline, a system management manual, a system evaluation manual, system management standards and a list of work safety responsibility systems. The contents are comprehensive, unified and standardized. They have been included in the case of *Electric Power Safety Governance* issued by the National Energy Administration.



▲ *Standard for Safety, Health, and Environmental Management System of Power Generation Enterprises (Series)*



▲ The new version of the HSE management system of SDIC Power has been included in the case of *Electric Power Safety Governance* issued by the National Energy Administration.

In 2022, SDIC Power vigorously promoted the implementation of the new version of the HSE management system standards

Guidebook

The Company compiled and issued a Guidebook for the Construction of the Safety, Health, and Environmental Management System of SDIC Power, which covered the overall planning of system construction, guidance on system element construction, recommendation of applicable methods, etc., and provided construction methods and practical tools for the implementation of the new version of HSE management system.

Special training

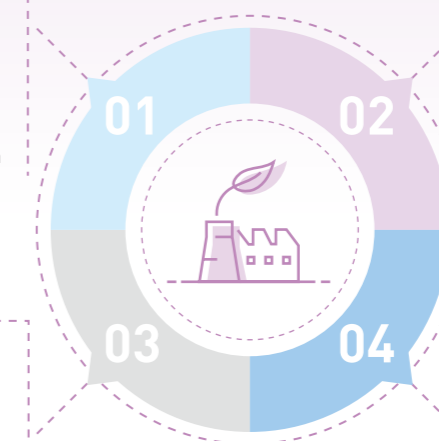
The Company held a special training course on the new version of the HSE management system to help investment enterprises correctly master and understood the core ideas and implementation methods of the new version of the system, and solved the difficulties and doubts in the process of system promotion.

System diagnosis

The Company assisted the investment enterprises to find out the safety management situation, found out the differences and deficiencies according to the new version of the HSE management system, determined the system construction objectives and improvement measures, and completed the system diagnosis, publicity and implementation of 18 investment enterprises.

Incentive mechanism

Formulated incentive schemes in different categories, carried out full-coverage reviews on the construction of safety, health and environmental protection systems of the investment enterprise system and promoted safety management from supervision and guidance to the standard-led stage.



Safety management system

SDIC Power strictly abided by the safety production *Law of the People's Republic of China*, the *Electricity Law of the People's Republic of China*, the *Measures for the Supervision and Administration of Electric Power Work Safety* and other laws and regulations, took system construction as an important starting point of safety management, continuously improved the safety management system, and promoted the Company to optimize internal control practices.

In 2022, SDIC Power revised 11 systems, including the *Administrative Measures for Supervision and Inspection of Safe Production of State Investment Power Holdings Co., Ltd.*, the *Management System for Power Work Safety Accidents and Power Safety Incidents of SDIC Power Holdings Co., Ltd.* and the *Management Measures for Major Hazard Sources of SDIC Power Holdings Co., Ltd.*

► Overhaul of safety production equipment of Newsky (Thailand)



SAFEGUARDING WORK SAFETY

SDIC Power is fully committed to ensuring work safety, scientifically setting safety production assessment targets and monitoring indicators and incorporating work safety standardization into the long-term mechanism. The Company strictly implements the work safety responsibility system, conducts safety supervision and inspection in a strict and detailed manner, and deepens safety risk prevention and control management and emergency response mechanism construction.

Lost working days due to work injury

0 days

Number of work-related injury incidents

0 times

By the end of 2022, 7 investment companies had more than 5,000 consecutive days of work safety, among which Huaxia Power and Ertan Power Station have been in continuous work safety for 15 years.

Days of work safety

Dachaoshan
5,419 days

Ertan Power Station
5,574 days

Meizhou Bay Power
5,372 days

Xiaoxia Power Station
6,667 days

Wujinxia Power Station
5,168 days

Huaxia Power
6,886 days

Jiancaitang Wind Power
5,145 days

Work safety standardization

The Company is committed to improving its work safety standardization level. The company is implementing the detailed deployment of the safety production standardization promotion plan in accordance with the account book. The company strictly follows the requirements of the *Administrative Measures for Safety Production Standardization of SDIC Power Holdings Co., Ltd. (Trial)* and accelerates the work of safety production standardization compliance. The company aims to standardize safety production management and enhance the level of inherent safety.

As of 2022

among the investment enterprises controlled by SDIC Power, 30 stations had reached Level I of work safety standardization, 17 stations had reached Level II of work safety standardization, and 1 station had reached Level III of work safety standardization.

Special rectification activities for work safety

The Company deeply promoted a special work safety rectification, focused on improving the effectiveness of the special rectification, deepened the safety risk control of contractors, consolidated the risk prevention of old facilities, carried out centralized management of safety risks of prominent hazardous chemicals, specially rectified common problems and prominent hidden dangers and strengthened the risk control of construction projects and the safety management of new mergers and acquisitions projects.

SDIC Beijing Completed the Liquid Ammonia-to-Urea Project

In 2022, SDIC Beijing established a technical transformation team to eliminate major safety hazards. The team developed a detailed construction plan, organized personnel to enter the factory for construction in a rational manner, and strictly controlled work safety, civilized construction, quality management, and progress management. The Liquid ammonia-to-urea Project was completed after nearly nine months of construction, installation, and commissioning.



CASE

Work safety responsibility system

SDIC Power has established and improved a safety production responsibility system for all employees. The company has insisted on the combination of work target and monitoring indicators, process assessment and result assessment and strictly implemented the Management Standard for Safety Production Responsibility System. The company has also implemented a system linking safety production performance with performance evaluation, job promotion, rewards and punishments, and implemented the work safety responsibility system step by step.

In 2022, SDIC Power issued the *Guiding Opinions on Safety Production Performance Report of Main Principals of Enterprises* in conjunction with the work of safety, health and environmental management, to establish a full list of job safety production responsibility systems and evaluation and assessment mechanisms.

Work safety supervision and inspection

SDIC Power took safety inspection as an effective means of "eliminating hidden dangers, preventing risks, checking implementation and holding the bottom line". The Company formulates *Detailed Rules for the Construction of a Dual Prevention Mechanism for Safety Risk Grading Control and Hidden Danger Screening and Governance* to control risks by levels, layers, categories and disciplines; solidly carried out hidden danger investigation and rectification, and innovatively adopted video supervision and inspection to effectively investigate hidden danger risks; established and improved the emergency management system, revised and improved the emergency plan, carried out emergency "double-blind" drills, and comprehensively tested and evaluated the emergency response capability.

In 2022

SDIC Power organized 18 times of safety supervision and inspection, with a 100% completion rate of problems due for rectification, and achieved the goal of "zero casualties".

"Long'an System" Helped Safety Inspection on Yalong Hydro

The Kala Hydropower Station of Yalong Hydro applied the "Long'an System" for risk control, hidden danger investigation and management and dangerous works. The main construction parts were covered by high-definition cameras, and the mudslide ditch was equipped with a rainfall and water level monitoring system. Mechanized methods such as multi-arm or single-arm drilling jumbos, mucking loaders and wet spray trolleys were used to operate in tunnels with poor geological conditions, so as to give an all-round early warning of safety risks, to effectively ensure operational safety and contain the risks at an early stage.

CASE

Emergency Capacity Building of SDIC Dachaoshan

On June 13, SDIC Dachaoshan carried out an emergency drill in the form of a "double-blind" drill without scripts, rehearsals, and notification of drill time and place. The drill was conducted to check the rapid response and collaborative linkage capabilities of all departments of the Company in a practical state, and to improve the emergency response capabilities of the Company by "promoting with practice".

CASE



SAFETY CULTURE CONSTRUCTION

SDIC Power attached great importance to safety education and training and implemented the *Guiding Opinions on the Construction of Electric Power Safety Culture* issued by the National Energy Administration. The company made every effort to build a safety education and learning platform, empowered the construction of safety culture by information means, strengthened safety supervision and inspection, carried out various forms of safety culture publicity and implementation, and comprehensively created an intrinsic safety culture atmosphere.

Training hours on work safety

429,066 hours

Training for special operation personnel

4,111 person-times

Training for main safety directors

226 person-times

Training for other personnel

40,121 person-times



SDIC Qinzhou rated as the "2022 National Power Industry Safety Culture Excellent Project"

The power safety culture excellent project declared by SDIC Qinzhou was rated as the "2022 National Power Industry Safety Culture Excellent Project" by China Electric Equipment Management Association and was included in the *Compilation of Typical Cases of National Power Safety Culture Construction in 2022* as a power safety culture excellent project/excellent project classic case.

中国电力设备管理协会文件

中电设协函〔2022〕48号

关于贵单位申报“2022年度全国电力安全文化精品工程”获评审通过的函

CASE

SDIC Power carried out the "Work Safety Month" Activity

In 2022, SDIC Power took the 21st national "Work Safety Month" as the guidance to promote the bottoming of work safety regulations.



- Set up a bulletin board for the work safety month, distributed emergency science popularization books, and carried out safety knowledge competitions.
- Organized investment enterprises to learn the documents Abiding by the Work Safety Law, Being the First Responsible Person and Implementing Safety Responsibility Starting from Me through the safety education learning platform.
- Organized to carry out the "Work safety" speech competition and "Work Safety Publicity Consultation Day" and other activities.
- Made and issued "Knowledge about Work Safety Law" and "Knowledge about Traffic Safety".
- Conducted work safety training for new employees.



SDIC Panjiang 2022 "Ankang Cup" Dangerous Goods Safety Knowledge Competition

PERSONNEL SAFETY GUARANTEE

SDIC Power implemented the people-oriented concept and made every effort to ensure the safety of employees, contractors and other related parties. The Company comprehensively promoted the occupational health and safety of employees and the safety management of contractors, strengthened personnel safety training and education, improved workers' awareness of occupational hazard protection, continuously improved on-site operation conditions, ensured occupational health and safety, and created a healthy working environment.

Employee safety

The Company attached great importance to the occupational health and safety of employees, strictly abided by the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases* and other relevant laws and regulations, improved the occupational health system, implemented the management of occupational disease prevention and control responsibilities, strengthened occupational health publicity, popularized occupational disease prevention and control knowledge, carried out occupational health examinations, and effectively ensured the safety of employees.

Coverage of physical examination and health record

100 %

Suspected or confirmed cases of occupational diseases

0



SDIC Power actively Carried out the Construction of "Healthy Enterprises"

Guangxi New Energy and SDIC Qinzhou won the title of "Healthy Enterprise" in Qinzhou City, Guangxi, SDIC Panjiang won the title of "Healthy Enterprise" in Liupanshui City, Guizhou, and Newsky (China) and Huaxia Power completed the on-site review stage.

CASE

Huaxia Power Held Care Activities for Occupational Disease Prevention and Control

In April 2022, Huaxia Power carried out the publicity week of the *Law on the Prevention and Control of Occupational Diseases*, organized occupational disease prevention training, issued occupational health publicity pages, analysis of typical cases of occupational diseases and prevention and control manuals, deeply conveyed and publicized occupational health knowledge, guided employees to understand occupational hazards, enhanced occupational health awareness and improved occupational health literacy.

CASE

Contractor safety

The Company has strengthened the safety management of contractors, strictly put in place the *Regulations for the Management of Safety Credit Evaluation of Construction Projects and Outsourced Project Contractors*, established a "negative list" of contractors and clarified the "forbidden areas" in terms of safety management, and improved the standardization level of contractors' safety management.

In 2022, the Company continued to consolidate the safety management regulations of contractors, organized all contractors to carry out special inspections on safety investment, personnel insurance and physical examination, and carried out activities such as "I am a whistleblower for safety" and "finding hidden dangers around me".

Contractor safety accidents

0





3 Good health and well-being



5 Gender equality



8 Decent work and economic growth



10 Reduced Inequalities



04 WORKING TOGETHER TO FORGE AHEAD TOGETHER WITH TALENTS

Adhering to the concept that talent is the core resource of the enterprise, SDIC Power fully respects and safeguards the basic rights and interests of employees, and takes the realization and safeguarding of the interests of all employees as the starting point and foothold of human resource work. The Company is committed to building an employee growth platform, continuously improving the quality of employees, and opening up the career development channel for employees. The Company cares for employees, fully considers the demands of employees, creates a good humanistic atmosphere, and works with employees for common development.

Total employees

9,565

Employment contract signing rate

100 %

Social insurance coverage rate

100 %

Number of employee training sessions

180,606 sessions

Promoting fair employment 54

Safeguarding Employees' Rights 55

Caring for the Development of Employees 56

Implementing cares for employees 59



PROMOTING FAIR EMPLOYMENT

Abiding strictly by the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China* and other laws and regulations, SDIC Power adheres to the employees according to law, and signs labor contracts with employees based on the principles of equality, voluntariness, consensus and two-way selection. It firmly opposes forced labor, hiring child labor and other behaviors, implements non-discriminatory employment policies based on gender, ethnicity, religion and other actions, and promises to eradicate all forms of employment discrimination.

Labor contract signing rate for employees

100 %

Complaints about human rights

0 cases

Labor disputes

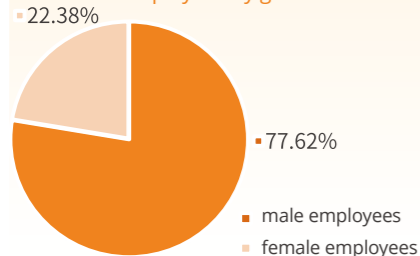
0 cases

By the end of 2022

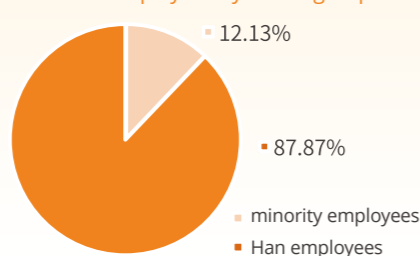
There were 9,565 employees in total, all of whom were full-time employees.



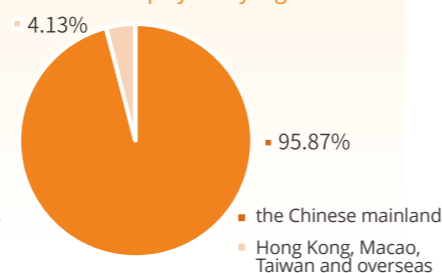
The proportion of employees by gender



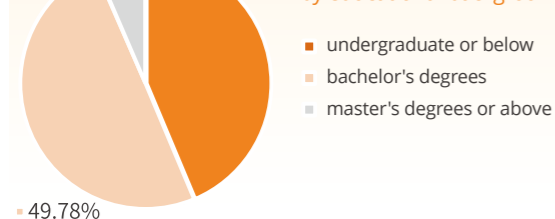
The proportion of employees by ethnic group



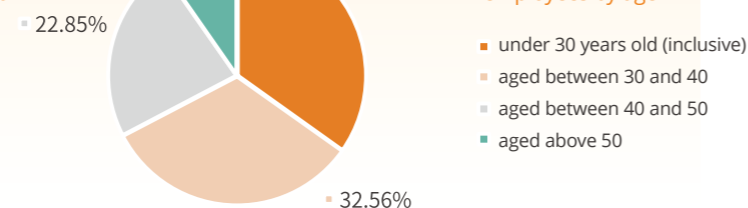
The proportion of employees by region



The proportion of employees by educational background



The proportion of employees by age



SDIC Power is committed to promoting fair employment and adhering to the principles of fairness, impartiality, openness, two-way selection and merit-based recruitment. The Company has formulated the Administrative Measures for Employee Recruitment of SDIC Power Holdings Co., Ltd., provided various employment opportunities for the whole society, and widely attracted employees who met the Company's development needs and identified with the Company's cultural concepts. The Company also adheres to a compliant recruitment procedure with normalized processes and consistent standards.

The proportion of open recruitment of employees

100 %

New employment
1,591 persons

The number of newly hired male employees

1,151

The number of newly hired female employees

440

The number of fresh graduates

409

The number of new employees recruited from social recruitment

1,112

SAFEGUARDING EMPLOYEES' RIGHTS

SDIC Power supports the *Universal Declaration of Human Rights* and the *International Bill of Human Rights*, fully protects human rights, and respects and safeguards the legitimate rights and interests of employees. The Company continues to improve the employee compensation and benefits system, improves the communication channels between employees and the Company, effectively mobilizes the enthusiasm, creativity and sense of ownership of all employees, and creates a more inclusive, diversified workplace environment with sense of belongings.

Guaranteeing welfare and benefits

The Company has implemented the principle of equal pay for equal work, continuously improved the *Administrative Measures of Employee Remuneration of SDIC Power Holdings Co., Ltd.* and related systems, adjusted the incentive mechanism, and reasonably stimulated the internal vitality of talents.

Basic remuneration

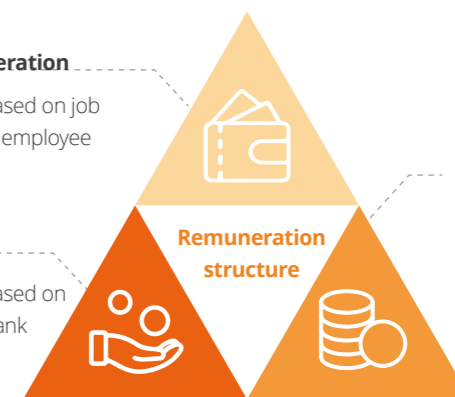
determined based on job attributes and employee abilities

Allowance

determined based on position and rank

Bonus

Variable income, linked to performance appraisal results



The Company has improved the welfare security system, paid "Five insurances and one fund" for employees on time, and established an enterprise annuity system; strictly implemented the national working hour system and paid leave system, and safeguarded the rights and interests of employees on leave; provided social security, and paid supplementary medical insurance, comprehensive medical insurance and comprehensive family property insurance for employees.

Social insurance coverage for employees

100 %

Enterprise annuity coverage rate of the Company headquarters

100 %

Strengthening democratic management

The Company has continuously improved and perfected the congresses of workers and staff, formulated the *Measures for the Administration of Congress of Workers and Staff*, the labor union system, the employee representative assembly system, etc., and guaranteed employees' right to information, participation, expression and supervision in participating in corporate management. Various communication methods such as employee symposiums, leadership mailboxes and regular interviews were adopted to actively listen to employees' suggestions and opinions on the Company's development and effectively solve employees' concerns.



The Company has adhered to the principle of democratic centralism and effectively guaranteed employee representatives to perform their duties and exercise their rights. In 2022, the SDIC Power headquarters organized and carried out 4 congresses of workers and staff, 2 joint meetings of workers and staff congresses and 3 labor union committees. The representatives of the Company's workers and employees carefully listened to and considered 2 important systems related to the workers' vital interests, such as unions and human resources.





CARING FOR THE DEVELOPMENT OF EMPLOYEES

SDIC Power actively attracts external outstanding talents, focuses on strengthening the training and promotion of internal personnel, and provides a good career development platform for employees. The Company continuously improves the ability and value of employees and realizes the common development and mutual achievements of the Company and its employees.

Multiple career paths

The Company has attached great importance to the construction of a talent echelon system, broke through barriers, and took the improvement of employee quality as a major measure to promote the development of the Company. The Company prepared the "14th Five-Year Plan" Human Resources Work Plan of SDIC Power Holdings Co., Ltd., deepened the reform of the talent development system and mechanism, and solidly promoted the project of strengthening the enterprise with talents.

SDIC Power follows the principles of democracy, openness, competition, merit-based selection and post-level access, employee access, and Remuneration adjustment, formulates the Administrative Measures of Post Appointment of SDIC Power Holdings Co., Ltd., develops a diversified promotion sequence, designs a perfect career development path and upgrading system for all kinds of employees. It focuses on cultivating, using and activating all kinds of outstanding talents to meet the pursuit of career development and personal value realization of employees.

▼ 2022 new employee induction seminar of Gansu New Energy



Enriching employee training

SDIC Power is concerned about talent cultivation, creates a unique talent cultivation system and insists on empowerment according to needs. The Company provides multi-level and diversified professional training for employees at different levels to create a first-class talent team and provide talent support and guarantee the high-quality development of company.

Trainees	Training objectives
Management talents	Focusing on cultivating a team of operation and management talents who dare to innovate, manage the enterprise well, prosper the enterprise, and honest, especially the versatile leaders and professional managers
Composite work talents	Focusing on cultivating senior executives who are familiar with production and operation, mass work and discipline inspection and supervision
Investment management talents	Focusing on cultivating an investment operation talent team that has an insight into the laws of the industry, has a keen sense of market smell, is proficient in capital operation rules and is good at risk avoidance. Emphasis is placed on cultivating talents in equity management, long-term equity investment and capital operation.
Scientific and technological innovation talents	Focusing on cultivating scientific and technological research and development talents and engineering talents with strong innovative consciousness and ability, mastering the cutting-edge development trends in this field of technology, and possessing solid technical skills.
Professional management talents	Focusing on cultivating management talents with profound professional skills, rich management experience, good management coordination and practical business development who are engaged in functional management, market development and professional services
Skilled talents	Focusing on cultivating skilled talents who are dedicated, skilled, good at solving process problems and improving product quality. Emphasis is placed on cultivating high-skilled talents and skilled masters in various fields.
Young cadres	Focusing on cultivating high-quality professional young cadres who meet the standards of good cadres in the new era, adapt to the new situation, new tasks and new requirements, pass the practical test, and who can shoulder important tasks while having a good style of work.
New employee training	Focusing on training courses related to company history, business overview, legal compliance, corporate culture, and work norms, etc. to help new employees quickly familiarize themselves with the environment, fully understand the company, integrate into the corporate culture and adapt to their job roles.

By gender

Proportion of male employees receiving training

96.94 %

Proportion of female employees receiving training

97.06 %



Employee training rate

96.97 %

By employee types

Senior management

92.86 %

mid-level management

97.24 %

ordinary employees

96.44 %





By gender

Average training time of male employees

73.71 hours

Average training time of female employees

82.48 hours



By employee types

Average training time of senior management employees

70.21 hours

Average training time of mid-level management employees

84.44 hours

Average training time of ordinary employees

90.65 hours



Number of annual training sessions

180,606 times

Annual training time

859,526.54 hours

Annual training expenditure

9,955,500 RMB

Average training time of employees reached

89.86 hours



New Energy Station Management Courses Independently Developed by SDIC Power

SDIC Power released the first self-developed renewable energy station management training series courses to improve the production and management level of renewable energy station personnel and to meet the needs of "Dual Carbon" new energy development.

The training series courses presented the training on renewable energy station management as an online course series for the first time. This course fully mobilized internal experts and internal trainers of the enterprise, and its content was close to the actual situation of the enterprise and the station, which met the real needs of station management personnel. This course was also the first time to explore the "training-assessment-certification" training mode. It not only incorporated a series of courses into the training system for managers of renewable energy stations but also trained and certified the personnel who have completed the study and passed the examination, forming a closed-loop management of training. By the end of December, more than 12,000 people have participated in the renewable energy station management training series courses, and more than 600 people have passed the examination and certification.



IMPLEMENTING CARES FOR EMPLOYEES

SDIC Power is concerned about the demands and lives of employees and is committed to providing an all-around guarantee for employees. The Company strives to provide good care for female employees, attaches importance to the construction of team and organizational culture, actively organizes various cultural and sports activities, helps employees relieve pressure, integrate into the team, love life, and strives to create a warm, united, sincere and mutual-assistant organizational atmosphere, so as to effectively enhance employees' happiness index and sense of belonging.

Care for female employees

Unions of the Company or the investment enterprises both set up a Female Employee Committee to regularly organized and prepared female employee care activities to safeguard the legitimate rights and interests of female employees.

SDIC Dachaozhan Newly-built "Mother Caring" House Cares for Female Employees

In 2022, SDIC Dachaozhan formulated the *Detailed Rules for the Implementation of Protection of Special Rights and Interests of Female Employees* to provide institutional guarantees for protecting the health of female employees and safeguarding the rights and interests of female employees. A new "Mother Caring House" was built to provide a place for pregnant and breastfeeding female employees to rest. The Female Employee Committee provided parenting books for pregnant mothers and built a warm and sturdy health defense line in multiple ways.

CASE

Focusing on employee health

The Company is actively concerned about the physical and mental health of employees, and organizes rich and colorful cultural and sports activities. It guides employees to face their work life with a good mind and spirit of self-respect and confidence, rationality and calmness, and positivity and helps them to build harmonious, stable and positive labor relations.



- SDIC Panjiang invited senior psychological counseling experts to provide four sessions of 2022 *Talk Skills and Workplace Stress Relief Training* for employees.



- SDIC Beijing held the "Youth Beijing" Mini Marathon Event and the first "Healthy Beijing" Walking Activity.

Special caring actions

The Company takes the needs of employees as the guide, carries out in-depth condolence activities, regularly visits retired old comrades, model workers, cadres stationed in villages and employees in difficulties, solves practical problems of employees and deliveries organizational care. Each investment enterprise continuously carried out the work of "sending coolness in summer and warmth in winter", timely adjusted the content of warmth delivery according to the actual situation, dealt with the urgent needs of employees, and established a long-term mechanism for the care of front-line employees.





1 No poverty



2 Zero hunger



4 High-quality education



11 Sustainable cities and communities



05 BUILDING A BETTER COMMUNITY BY PUTTING PEOPLE FIRST

The Company has actively responded to the national rural revitalization strategy and carried out industrial investment, counterpart assistance and infrastructure construction to promote local economic development. The Company has adhered to putting people first, actively participated in public welfare undertakings, and expanded new fields of voluntary services to make contributions to social construction. The Company has carried out abundant activities to enhance cultural identity, created a harmonious neighborhood atmosphere, and worked together to build a beautiful community.

Support rural revitalization

Cumulative

20,132,400

RMB

The number of beneficiaries

40,335

people

Social welfare

Total expenditure

14,420,200

RMB

The number of beneficiaries

37,000

people

Promoting rural revitalization..... 62

Enthusiastic about Social Welfare 63

Non-profit education support 64

Promoting community construction 65



PROMOTING RURAL REVITALIZATION

SDIC Power has always been steadfast in implementing the decisions and arrangements of the State, solidly promoting various work tasks, actively practicing social responsibilities, and manifesting the mission of central enterprises. The Company has comprehensively promoted rural revitalization, helped the economy of villages and towns, carried out education assistance program, implemented consumption-based poverty alleviation, and strived to "develop a power station, drive the local economy, improve the local environment and benefit the local people".

A total of RMB **20,132,400** was invested to support rural revitalization, benefiting **40,335** people

A total of RMB **14,420,200** was invested to support social welfare, benefiting **37,000** people

CASE

Yalong Hydro Comprehensively Boosted Rural Revitalization

In 2022, Yalong Hydro continued its targeted assistance actions in Yajiang County, comprehensively promoting rural revitalization and high-quality economic development of the county with infrastructure construction. Yalong Hydro invested RMB 52 million in total to renovate 30 kilometers of village roads in Honglong Town and Kela Town of Yajiang County to help improve local traffic conditions.



▲ The Yaxin (Yajiang County-Xinlong County) Highway built by Yalong Hydro, a road to wealth on the snow-covered plateau.

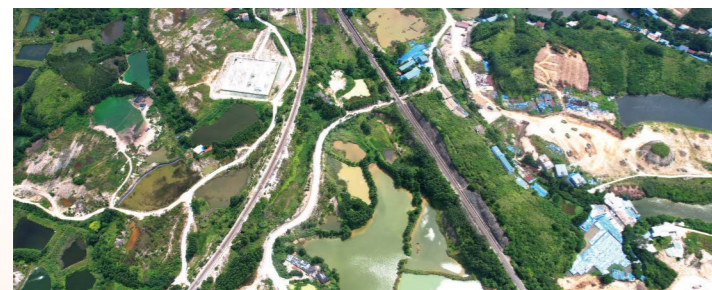
The CCTV documentary, *Five-Year Plan*, narrated the story of Tashi Dhondup, a driver of the Truck Department at Lianghekou Hydropower Station on the Yalong River.



In 2022, Yalong Hydro continuously employed local transportation vehicle operators and personnel, bringing about RMB 10.23 million of freight income to Yajiang County. More than 5,000 local workers were employed for the project construction, involving an annual salary of more than RMB 2.25 million.

CASE

SDIC Qinzhou Built Roads for the People



The roads around the plant site of the SDIC Qinzhou Phase III Project have brought many inconveniences to the production and life of the masses due to rain wash, vehicle rolling and other reasons. SDIC Qinzhou built two roads between the farm and the village, which not only facilitated the production and life of farmers, but also improved the travel conditions of villagers, solved potential safety hazards, and effectively enhanced the sense of gain and happiness of surrounding villagers.

ENTHUSIASTIC ABOUT SOCIAL WELFARE

SDIC Power actively gives back to social welfare undertakings, dedicates love and served the masses with practical actions, and solidly promotes various community volunteer service work. The Company formulated the *Donation Administrative Measures of SDIC Power Holdings Co., Ltd.* and carried out external donations in an order manner.



In March 2022, Huaxia Power voluntary home appliance repair team carried out voluntary service activities such as home appliance maintenance and electricity knowledge consultation for surrounding villagers and residents in Haicang Future Coast Community, bringing convenience to residents' life.

On June, 2022, the Youth League Committee of SDIC Xiaosanxia and young volunteers joined hands with Fangzhi Road Community and Baiyin Special Education School to carry out the volunteer service activity of "Caring for the Disabled Children".



At 12:52 on September 5, 2022, an earthquake of magnitude 6.8 occurred in Luding County, Ganzi Prefecture, Sichuan Province. Yalong Hydro gave full play to the responsibility of power enterprises, dealt with multiple difficulties and beat off challenges, contributed to the earthquake relief, and immediately donated RMB 10 million to the earthquake-stricken areas.



NON-PROFIT EDUCATION SUPPORT

SDIC Power has adhered to its original aspiration, practiced the social responsibility of enterprises, publicized the concept of solidarity and mutual assistance, and contributed to the development of education. It has widely carried out non-profit education support to help the development of the society.

CASE

A Letter of Thanks from Haozuipu Central Primary School

In 2022, the Company received a letter of thanks from all the students of Haozuipu Central Primary School for replacing drinking water boilers and system renovation for the school which solved the problems of domestic and drinking hot water for all teachers and students. In recent years, the Company has sent two groups of cadres to Haozuipu Village to serve as the first secretary. After knowing the actual situation of Haozuipu Central Primary School, the Company donated computers, printers and other office equipment to the school, and helped the school renovate and transform the drinking water boiler system, trying its best to help solve the practical problems of teachers and students in study and life.



SDIC Dachao Shan Kept Providing Targeted Assistance

SDIC Dachao Shan invested RMB 1.64 million in Lanping County, Nujiang Prefecture, a designated poverty alleviation area, to carry out projects such as "Helping Students Realize Their Dreams", "Energy Conservation and Environmental Protection" and "Constructing Beautiful Countryside", and donated a total of RMB 600,000 in scholarships to more than 400 college students in need to help them complete their studies.



PROMOTING COMMUNITY CONSTRUCTION

SDIC Power actively gives back to the communities to improve people's livelihood and promote the healthy and harmonious development of the communities through medical assistance, education help, and convenient services, which effectively improves the people's quality of life and continuously enhances the sense of happiness and identity of the communities.

CASE

Red Rock Power Sought Common Development with Community

The Benbrack project team of Red Rock Power continues to focus on the potential impact of the project on local communities and is committed to promoting the sustainable operation of the project, providing cooperation opportunities for local supply chain enterprises and seeking common development with local communities. In June 2022, the Benbrack project team invited local residents to hold a project sharing meeting to introduce the basic situation and progress of the project, ensuring the right to know of all the interested parties. At the same time, the Benbrack Project carefully evaluated the adverse impact of construction on the environment and biodiversity of the site and surrounding areas and adjusted the construction plan in time to protect salmon in the spawning period of the waterway near the construction site.



CASE

New Sky (Thailand) Carried Out Project Popularization in Communities

The ON Nut Waste Incineration Power Generation Project has been actively practicing social responsibility and caring for the lives of community residents since it was stationed in the community. It introduced the waste-to-energy power generation process and the project to the residents and enhanced the connection with the neighboring residents.





06 PERFECTING AND CONSOLIDATING THE FOUNDATIONS OF GOVERNANCE

SDIC Power strictly follows the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Rules Governing the Listing of Stocks on the Shanghai Stock Exchange* and other laws, regulations and regulatory requirements. It constantly improves its corporate governance systems, operates with integrity, complies with regulations, emphasizes efficiency, and effectively protects the rights and interests of investors, promotes stable development, and realizes value growth.

Meeting of the Board of Directors held

18 times

General Meeting of Shareholders held

9 times

Training on anti-corruption and integrity

651 times

Received Class A evaluation of information disclosure award from Shanghai Stock Exchange for

6 consecutive years

Clarifying Governance Structure 68

Diversifying Director Governance 69

Strengthening compliance risk control 71



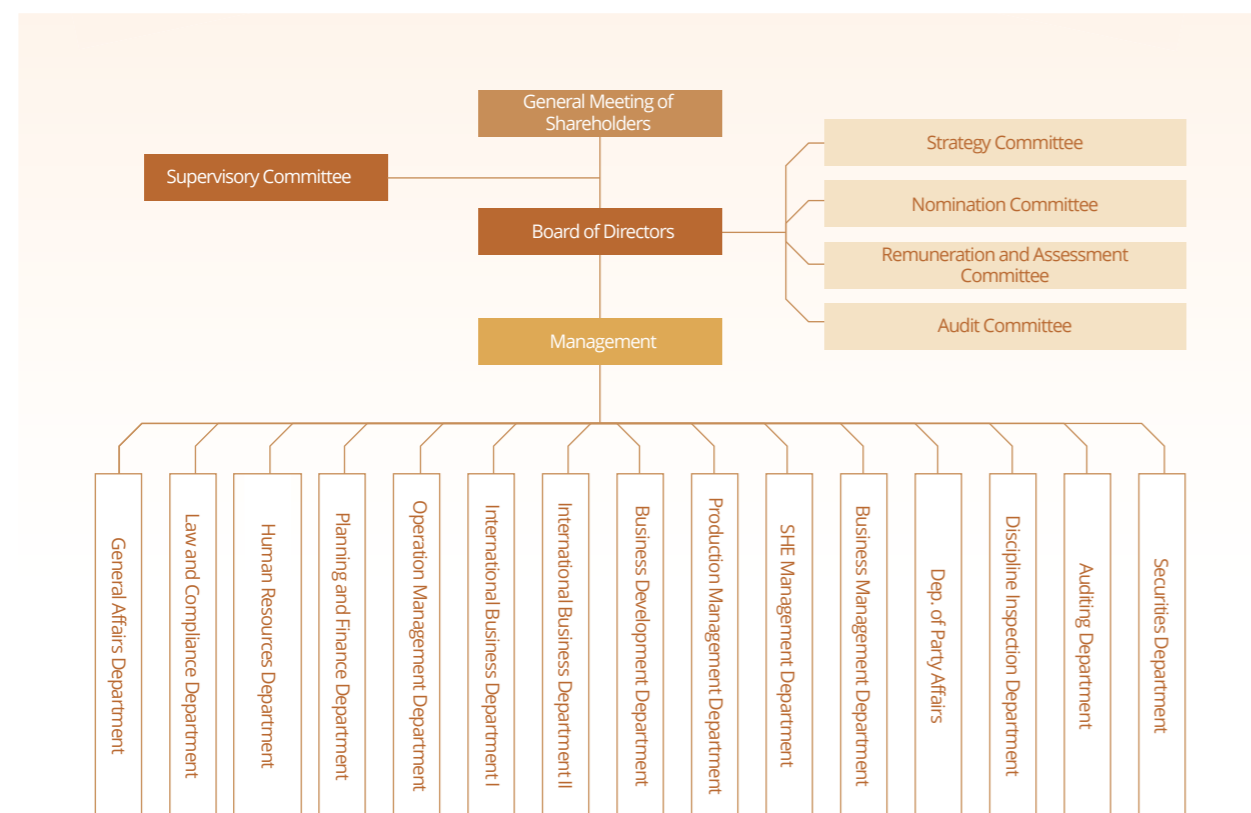
CLARIFYING GOVERNANCE STRUCTURE

SDIC Power strictly abides by the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Rules Governing the Listing of Stocks on the Shanghai Stock Exchange* and other relevant laws and regulations. It timely revises the Articles of Association and establishes the authorization system of the Board of Directors. It establishes a corporate governance structure with the General Meeting of Shareholders as the highest authority, the Board of Directors performing decision-making, the Board of Supervisors playing a supervisory role, and the management performing daily operation and management, making them each to attend their own duties to ensure coordinate operation and effective internal balance.



The Company completed the three-year action for the reform of state-owned enterprises and was listed in the "List of Model State-owned Enterprises for Corporate Governance" by the SASAC of the State Council.

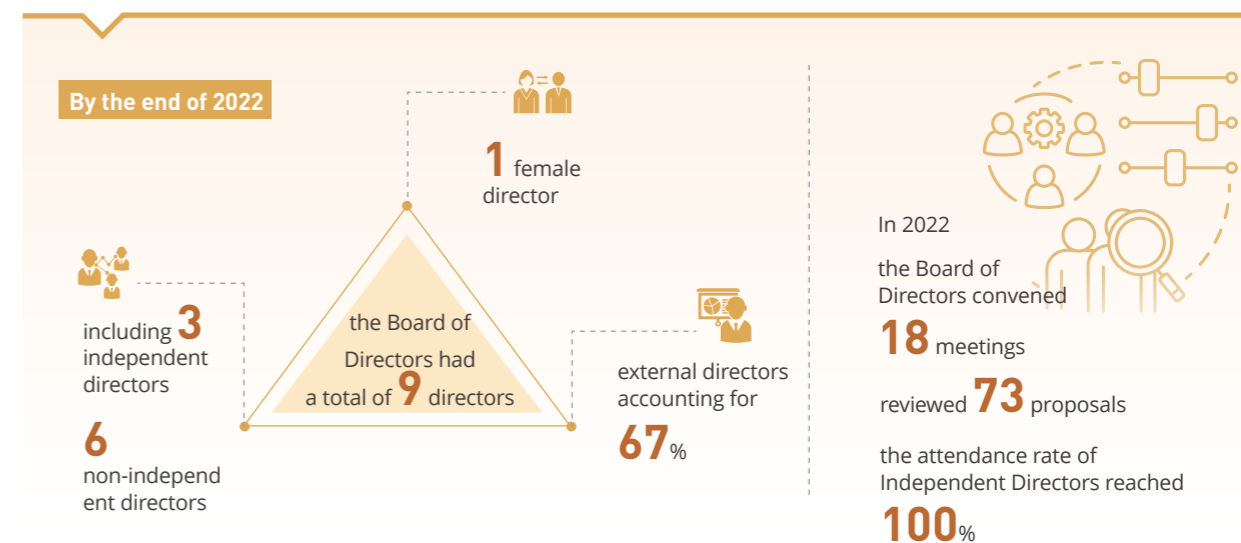
The Company has been awarded "Class A Evaluation of Information Disclosure" by the Shanghai Stock Exchange for six consecutive years.



In 2022			
General Meeting of Shareholders	Meeting of the Board of Directors	Meetings of the Supervisory Committee	Meetings of Special Committees of the Board of Directors
9 times	18 times	11 times	20 times

DIVERSIFYING DIRECTOR GOVERNANCE

SDIC Power adheres to the diversified policy of the Board of Directors, taking into account comprehensively a variety of factors in nomination and appointment, including but not limited to gender, skills, age, educational background, professional experience and service term, and scientifically and prudently determines candidates. The directors of the Company come from different disciplines such as electricity, accounting and law. In the context of diversification, the members of the Board of Directors complement each other in terms of their disciplines and form a synergy to give full play to the functions and roles of the Board of Directors.



Standardizing remuneration management

SDIC Power formulates the *Administrative Measures for the Remuneration and Evaluation of Directors, Supervisors and Senior Executives* to establish a well-developed and transparent remuneration management system, giving full play to the incentive-oriented role of remuneration distribution.

Strictly controlling nomination and appointment

SDIC Power has set up a Nomination Committee for the Board of Directors in accordance with the *Code of Corporate Governance for Listed Companies*, the *Articles of Association*, the *Rules for Procedures of the Board of Directors* and other relevant provisions, formulated the Rules of Work of the Nomination Committee of the Board of Directors, strictly conducted the appointment process, standardized the generation of candidates and optimized the composition of the Board of Directors.



▲ 2022 communication meeting for independent directors



Managing investor relations

SDIC Power has always adhered to the firm concept of "respecting, revering and protecting investors", continuously strengthened communication with investors, fully listened to investors' opinions, and effectively protected the legitimate rights and interests of investors, especially small and medium-sized investors.

The Company strived to build a benign interaction mechanism for multi-level investors. The daily communication channels for investors were smoothed, and the answering rate and response rate were ensured to be 100% through the SSE e-interaction, investor relations hotline and investor public mailbox. In 2022, three performance briefings were held in a combination of "online and on-site meetings" to convey the reasonable value of the Company to the market.

In 2022

3 regular report performance meetings were held
The Company participated in **35** investor roadshows

The number of investors received reached more than **600**



Strictly controlling the quality of information disclosure

SDIC Power fulfilled its information disclosure obligations in strict accordance with the *Code of Corporate Governance for Listed Companies*, *Listing Rules of the Shanghai Stock Exchange* and other relevant laws and regulations, continuously improving information transparency, and realized zero errors, zero supplements and zero inquiries. The Company has been awarded Class A evaluation of information disclosure by the Shanghai Stock Exchange for six consecutive years.



In 2022, a total of **181** announcements were disclosed

4 periodic reports and **148** interim announcements were issued on the Shanghai Stock Exchange,

29 English announcements were issued on the London Stock Exchange

Protecting shareholder' rights and interests

SDIC Power convened the General Meeting of Shareholders in strict accordance with the Articles of Association to effectively ensure that shareholders enjoy equal status and effectively exercise their rights to know, participate, inquire and vote. The General Meeting of Shareholders had a relatively fixed meeting place, and the notices of the meeting were issued according to relevant systems, and the voting process was strictly followed.

9 General Meetings of Shareholders were held

The attendance rate of directors was

60.76%

STRENGTHENING COMPLIANCE RISK CONTROL

The Company adheres to the principles of compliance and honest operation according to the law, making compliance operation the bottom line. It strictly implements the requirements of the *Measures for the Compliance Management of Central Enterprises* and other regulations, cultivates the compliance awareness of all employees, improves internal control, optimizes management mechanisms and business rules, and effectively enhances the ability to control and dispose of major risks.

Laying a solid foundation for compliance

SDIC Power has strictly implemented the requirements of laws and regulations such as the *Measures for Compliance Management of Central Enterprises* and continuously strengthened the construction of the compliance management system:

- Establishing a compliance management structure: The Company established a compliance management leadership system, with decision-making by the Board of Directors, coordination by the Compliance Management Committee, taking the lead by the Legal Compliance Department, and implementation by the management of functional departments and investment enterprises.
- Improving the compliance management system: The Company regularly sorted out and strictly abided by all applicable laws, regulations and industry norms to prevent major compliance risks. The Company revised the management systems such as *Administrative Measures for the Compliance Management of SDIC Power Holdings Co., Ltd.*, the *Administrative Measures for the Compliance Management of Special Fields of SDIC Power Holdings Co., Ltd.*, the *Operation Compliance Management Manual for Enterprise Directors of SDIC Power*, and the *List of Compliance Obligations of SDIC Power Holdings Co., Ltd.*
- Conducting compliance training: The Company carries out compliance training at different levels to enhance the compliance awareness of all employees and ensures the legality and compliance of operation and management.

Improving internal control

SDIC Power continuously improves the quality of internal control, and discloses the annual internal control report shaping a corporate image of standardized management.

In 2022



Based on the requirements of the China Securities Regulatory Commission, the Company explored and practiced for the first time the working mechanism, working procedures and reporting mechanism for the self-regulation of listed companies.



The Company innovatively implemented annual internal control monitoring and assessment, conducted mutual supervision and evaluation between enterprises in different regions and integrated the evaluation with training, which provides guidance to subsidiaries, especially the newly-incorporated ones.



The Company strengthened the leadership and supervision of the Board of Directors on the internal audit work, optimized the audit supervision system and mechanism, and revised the two systems of audit management and audit problem rectification. It highlighted the supervision of the "top leaders" of holding enterprises and overseas projects and highlighted the combination of accountability for violations and problem rectification.



The Company completed 8 audit projects, covering various fields such as strategic planning, environmental protection, corporate governance, investment decision, internal control, fund management, bidding management, contract management and internal supervision.

Strengthening risk control

SDIC Power attaches great importance to risk management, continuously improves the Company's risk management system, establishes a risk management committee, links risk management with performance assessment and conducts a timely assessment, forming a risk governance structure with sound organizational structure and clear responsibilities and boundaries, and establishing a multi-level, interconnected and effectively supervised risk management operation mechanism.

In 2022, the Company revised the risk management system, continuously strengthened the risk assessment and analysis of overseas projects, carried out the risk assessment of new businesses for the first time, put forward countermeasures and suggestions through risk analysis, research and assessment of major risk sources, and eliminated hidden risks.

Major risk incidents

0

Major or important internal control defects

0



LOOKING FORWARD TO 2023 AND SHARING A BETTER FUTURE

The future is bright and prosperous, and it is the very time to set sail and fight for the ideal of life.

Great changes unseen in the world in a century have accelerated their evolution. A new round of scientific and technological revolution and industrial transformation is well underway. In the face of many changes and uncertainties, we will:

- firmly grasp development opportunities, fully implement the new development concept, anchor the "Dual Carbon" strategic goals, deepen mutual benefit and win-win results.
- unswervingly take the road of green and low-carbon development, build a globally trusted comprehensive energy investment operator as soon as possible, and write a new chapter for high-quality development in the new era.
- adhere to the concept of "pioneer in the field of clean energy and leader in investment in the energy industry", promoting global sustainable development with practical actions, and contributing clean energy to the world.

In 2023, we will actively embrace changes, be brave to explore, dare to innovate, and work together with stakeholders to create a better future!





APPENDIX

Key Performance Indicators

Environmental performance

Indicators	Unit	2022	2021
Sulfur dioxide emissions	Ton	3,208.25	3,518.92
Nitrogen oxide emissions	Ton	6,922.01	7,616.81
Total chemical oxygen demand emissions	Ton	0.0369	0.0293
Ammonia nitrogen emissions	Ton	0.0170	0.0075
Smoke (dust) emissions	Ton	487.92	557.53
Industrial wastewater discharge	10,000 tons	0.23	0.32
Carbon dioxide emission per RMB 10,000 output value (comparable price)	Ton of carbon dioxide equivalent/RMB10,000	10.63	11.60
Carbon dioxide emissions	10,000 tons of carbon dioxide equivalent	4,330.10	4,650.77
Carbon dioxide emission of unit power supply	g CO ₂ eq/kWh	906.47	833.51
Comprehensive utilization ratio of general solid wastes	%	95.64	95.84
Comprehensive utilization of general solid wastes	10,000 tons	529.85	557.87
General solid wastes generated	10,000 tons	554.02	582.11
Hazardous waste disposal rate	%	100.00	100.00
Hazardous waste disposed	10,000 tons	1.15	1.19
Hazardous wastes generated	10,000 tons	1.14	1.19
Investment in energy conservation	RMB 10,000	8,939.43	16,283.18
Investment in environmental protection	RMB 10,000	69,350.94	55,284.86
Total emission of greenhouse gases ¹	10,000 tons of carbon dioxide equivalent	4,338.41	4,965.02
Direct emission of greenhouse gases (Scope I)	10,000 tons of carbon dioxide equivalent	4,338.09	4,964.74
Indirect emission of greenhouse gases (Scope II)	10,000 tons of carbon dioxide equivalent	0.32	0.28
Energy consumption	10,000 tons of standard coal	864.20	1,001.90
Comprehensive energy consumption per RMB10,000 output value (comparable price)	tons of standard coal/RMB 10,000	2.12	2.50
Fresh water consumption per RMB10,000 output value (comparable price)	Ton/RMB 10,000	5.43	5.66
Fresh water consumption	10,000 tons	2,211.49	2,269.94
Reuse rate	%	98.79	98.83
Reuse consumption	10,000 tons	180,279.77	192,477.42

1. (1) The boundary of power generation facilities refers to the combustion system, steam-water system, electrical system, control system, dust removal and desulfurization and denitration devices in power plants (2) The total greenhouse gas emissions include direct greenhouse gas emissions (generated by the burning of fossil fuels in power generation facilities) and indirect greenhouse gas emissions (generated by the purchase of electricity from power generation facilities) within the boundary of power generation facilities of the 5 power plants under SDIC Power; Scope 1 greenhouse gas emissions include emissions caused by coal and fuel consumption in power generation facilities (boilers) of power plants; Scope 1 greenhouse gas emissions include emissions caused by the use of purchased electricity in power generation facilities of power plants. The calculation for 2021 is based on the "Guidelines on the GHG Emission Accounting and Reporting for Enterprises - Power Generation Facilities" (2021 version) released by the Ministry of Ecology and Environment. In which, the emission factor used in the calculation of fossil fuel carbon dioxide comes from the measured values and the default values in the guidelines, while the emission factor for purchased electricity uses 0.5810 tCO₂/MWh as required by ecological environment department. The calculation for 2022 is based on the "Guidelines on the GHG Emission Accounting and Reporting for Enterprises - Power Generation Facilities" (Revised in 2022) released by the Ministry of Ecology and Environment. In which, the emission factor used in the calculation of fossil fuel carbon dioxide comes from the measured values and the default values in the guidelines, while the emission factor for purchased electricity uses 0.5703tCO₂/MWh as required by ecological environment department. (3) The accounting scope required by the "Guidelines on the GHG Emission Accounting and Reporting for Enterprises - Power Generation Facilities" of the Ministry of Ecology and Environment does not include Scope 3, so the emission situation of Scope 3 has not been accounted for at the moment In the future, we will expand the scope of greenhouse gas accounting and optimize the management of greenhouse gas emission reduction work.

Social performance

Indicators	Unit	2022	2021
Total number of employees	person	9,565	8,894
Number of full-time employees	person	9,565	8,894
Number of part-time employees	person	0	0
Number of employees from the Chinese Mainland	person	9,170	8,478
Number of employees from Hong Kong, Macao, Taiwan, and foreign countries	person	395	416
Proportion of employees aged below 30 (inclusive)	%	34.80	33.90
Proportion of employees aged 30-50	%	55.41	55.75
Proportion of employees aged over 50	%	9.79	10.36
Labor contract signing rate for employees	%	100.00	100.00
Social insurance coverage for employees	%	100.00	100.00
Proportion of male employees over total employees	%	77.62	77.28
Proportion of female employees over total employees	%	22.38	22.72
Number of ethnic minority employees	person	1,160	985
Number of new employees	person	1,591	904
Number of new female employees	person	440	-
Number of new male employees	person	1,151	-
Social insurance coverage rate	%	100.00	100.00
Complaints about human rights	No.	0	0
Number of work-related employee injuries/fatalities	person	0	0
Rate of employee deaths due to work	%	0.00	0.00
Lost working days due to work injury	day	0	0
Safety accidents	case	0	0
Rate of employees participating in work safety training	%	100.00	100.00
Cost of ensuring safety production	RMB 10,000	30,875.61	5,585.70
Total hours of training on safety	Hour	429,066.00	207,573.00
Number of employees participating in training on safety	Person-time	99,600	78,431
Coverage of physical examination and health record	%	100.00	100.00
Employee training coverage	%	96.97	94.63
Proportion of male employees receiving training	%	96.94	94.11
Proportion of female employees receiving training	%	97.06	96.39
Proportion of senior management employees receiving training	%	92.86	100.00
Proportion of mid-level management employees receiving training	%	97.24	100.00
Proportion of ordinary employees receiving training	%	96.44	94.24
Total duration of annual training	Hour	859,526.54	939,117.46
Average employee training hours	Hour	89.86	105.59
Average training hours of male employees	Hour	73.71	97.22
Average training hours of female employees	Hour	82.48	134.05
Average training hours of senior management employees	Hour	70.21	210.58
Average training hours of mid-level management employees	Hour	84.44	114.14
Average training hours of ordinary employees	Hour	90.65	98.28
Labor disputes	case	0	0
Number of suppliers with ISO 9000 Certification	Nos	387	655



Indicators	Unit	2022	2021
Number of suppliers with ISO 14000 Certification	Nos	244	408
Number of suppliers with ISO45001 Certification	Nos	241	386
R&D Investment	RMB 100 million	0.90	1.01
Number of cutting-edge talents	person	3	-
Patents	Pcs.	109	97
Patent for invention	Pcs.	28	12
Patent for utility model	Pcs.	81	84
Patent for appearance design	Pcs.	0	1

Governance performance

Indicators	Unit	2021	2021
Number of meetings of the Supervisory Committee	Session	11	8
Average tenure of Supervisory Committee members	Year	1.52	2.87
Number of meetings of the Strategy Committee	Session	2	5
Number of meetings of the Audit Committee	Session	9	7
Number of meetings of the Nomination Committee	Session	3	5
Number of meetings of the Remuneration and Assessment Committee	Session	6	6
Number of Board of Directors members	person	9	9
Proportion of directors with doctor's degree	%	33.33	33.33
Proportion of directors with master's degree	%	33.33	33.33
Proportion of directors with bachelor's degree and below	%	33.33	33.33
Proportion of male directors	%	88.89	88.89
Proportion of female directors	%	11.11	11.11
Proportion of independent directors	%	33.33	33.33
Proportion of non-independent directors	%	66.67	66.67
Number of meetings of the Board of Directors	Session	18	16
Average tenure of Board of Directors members	Year	3.06	2.26
Number of training sessions on anti-corruption and integrity	Session	651	507
Number of people receiving training on anti-corruption	Person-time	20,008	10,492
Number of General Meetings of Shareholders held	Session	9	9
Attendance rate of shareholders to the General Meeting of Shareholders	%	60.76	44.44
Number of investor exchange meetings	Session	35	24
Accumulated reception of investors	Person-time	600+	300+

Economic performance

Indicators	Unit	2022	2021
Total assets	RMB 100 million	2,582.54	2,414.06
Total liabilities	RMB 100 million	1,646.30	1,533.08
Asset-liability ratio	%	63.75	63.51
Net assets attributable to the parent company	RMB 100 million	545.17	514.75
Total business revenue	RMB 100 million	504.89	437.66
Net profit attributable to the parent company	RMB 100 million	40.79	24.56
Total amount of taxes payable	RMB 100 million	60.76	59.26

Index of Indicators

GRI Index

Indicators	Page
GRI 2: General Disclosure 2021	
2-1 Organizational details	P68
2-2 Entities included in the organization's sustainability reporting	P4
2-3 Reporting period, frequency and contact person	P4-P5
2-6 Activities, value chain and other business relationships	P42-P43
2-7 Employees	P52-P59
2-9 Governance structure and composition	P68
2-10 Nomination and selection of the highest governance body	P68-P69
2-12 Role of the highest governance body in overseeing the management of impacts	P66-P71
2-13 Delegation of responsibility for managing impacts	P68-P69
2-14 Role of the highest governance body in sustainability reporting	P14
2-16 Communication of critical concerns	P15-P16
2-17 Collective knowledge of the highest governance body	P14
2-18 Evaluation of the performance of the highest governance body	P69
2-19 Remuneration policies	P55, P69
2-20 Process to determine remuneration	P55, P69
2-22 Statement on sustainable development strategy	P8-P9
2-26 Mechanisms for seeking advice and raising concerns	P15-P16
2-27 Compliance with laws and regulations	P27, P32-P34, P42, P47, P51, P54, P68-P69
2-28 Membership associations	P50
2-29 Approach to stakeholder engagement	P15
GRI 3: Substantial Topics 2021	
3-1 Process to determine substantial topics	P15-P16
3-2 List of substantial topics	P16
3-3 Management of substantial topics	P14-P17
GRI 201: Economic Performance 2016	
201-1 Direct economic value generated and distributed	P12
201-2 Financial implications and other risks and opportunities due to climate change	P24
201-3 Defined benefit plan obligations and other retirement plans	P55
GRI 203: Indirect Economic Impacts 2016	
203-1 Infrastructure investments and services supported	P62-P65
203-2 Significant indirect economic impacts	P62-P65
GRI 301: Materials 2016	
301-1 Materials used by weight or volume	P74
301-2 Recycled input materials used	P31



Indicators	Page
GRI 302: Energy 2016	
302-1 Energy consumption within the organization	P74
302-2 Energy consumption outside of the organization	P74
302-3 Energy intensity	P74
GRI 303: Water and Effluents 2018	
303-1 Interactions with water as a shared resource	P30
303-2 Management of water discharge-related impacts	P30
303-5 Water consumption	P30
GRI 304: Biodiversity 2016	
304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	P34-P35
304-2 Significant impacts of activities, products and services on biodiversity	P34-P35
304-3 Habitats protected or restored	P34-P35
GRI 305: Emissions 2016	
305-1 Direct (Scope 1) GHG emissions	P74
305-2 Energy indirect (Scope 2) GHG emissions	P74
305-3 Other indirect (Scope 3) GHG emissions	P74
305-4 GHG emission intensity	P74
305-5 Reduction of GHG emissions	P74
GRI 306: Waste 2020	
306-1 Waste generation and significant waste-related impacts	P32-P33
306-2 Management of significant waste-related impacts	P32-P33
306-3 Waste generated	P32-P33
306-4 Waste diverted from disposal	P32-P33
306-5 Waste directed to disposal	P32-P33
GRI 308: Supplier Environmental Assessment 2016	
308-1 New suppliers that were screened using environmental criteria	P42-P43
308-2 Negative environmental impacts in the supply chain and actions taken	P42-P43
GRI 401: Employment 2016	
401-1 New employee hires and employee turnover	P75
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	P55
GRI 403: Occupational Health and Safety 2018	
403-1 Occupational health and safety management system	P44-P51
403-3 Occupational health services	P44-P51
403-4 Worker participation, consultation, and communication on occupational health and safety	P44-P51
403-5 Worker training on occupational health and safety	P44-P51
403-6 Promotion of worker health	P44-P51
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	P44-P51
403-8 Workers covered by an occupational health and safety management system	P44-P51
403-10 Work-related ill health	P44-P51

Indicators	Page
GRI 404: Training and Education 2016	
404-1 Average hours of training per year per employee	P56-P58
404-2 Programs for upgrading employee skills and transition assistance programs	P56-P58
GRI 405: Diversity and Equal Opportunity 2016	
405-1 Diversity of governance bodies and employees	P54
405-2 Ratio of basic salary and remuneration of women to men	P54
GRI 406: Anti-discrimination 2016	
406-1 Incidents of discrimination and corrective actions taken	P54
GRI 413: Local Communities 2016	
413-1 Operations with local community engagement, impact assessments, and development	P65
413-2 Operations with significant actual and potential negative impacts on local communities	P65

Appendix 1 Quantitative indicators of *LSEG Guide to ESG Reporting 2020*

Scope	Indicator subcode	Indicator description wording	Page
Environment	ECC14	Disclosure of total operation GHG emissions data (Scope 1 and Scope 2)	P74
	ECC15	Disclosure of total energy consumption data	P74
	ECC23	GHG emissions per MW-h	P74
	EPR18	Disclosure of NOX emissions (tons)	P74
	EPR19	Disclosure of SOX emissions (tons)	P74
	EPR21	Disclosure of volatile organic compounds (VOC) emissions (kilograms)	-
	EPR24	Disclosure of hazardous waste generation (tons)	P74
	EPR25	Disclosure of non-recycled waste generation (tons)	-
	EPR26	Disclosure of waste recycled (tons)	P74
	EPR27	Total costs of environmental fines and penalties during financial year	-
	EPR28	Percentage of sites covered by recognized environmental management systems such as ISO14001 or EMAS	-
	EWT11	Disclosure of total water consumption/water extraction data	P74
Governance	EWT12	Percentage of water recycled (non-potable) for use in own operations	P74
	GAC12	Disclosure of total amount of political contributions made	-
	GAC13	Disclosure of the number of staff disciplined or dismissed due to non-compliance with anti-corruption policy/policies	-
Social	GAC14	Disclosure of cost of fines, penalties or settlements in relation to corruption	-
	SHR17	Total amount of corporate or group donations /community investments made to registered not-for-profit organizations	P62
	SHS12	Percentage of sites with OHSAS 18001 certification	-
	SHS13	Number of employee trained on health and safety standards within the last year	P75
	SHS15	Lost-time incident rate, over last three years	P75
	SHS38	Number of work-related employee fatalities	P75
	SHS40	Number of work-related contractor fatalities	-
	SLS24	Full-time employee voluntary turnover rates	-
	SLS25	Percentage of employees that are contractors or temporary staff	P75
	SLS26	Amount of time spent on employee development training to enhance knowledge or individual skills, using: a) Total hours as a company, or b) average hours per employee	P75



Appellation

Interpretations of common words		
For the purpose of the Report, the following words shall have the meanings as follows, unless otherwise specified:		
CSRC	referred as	China Securities Regulatory Commission
NDRC	referred as	National Development and Reform Commission of the PRC
SASAC	referred as	State-owned Assets Supervision and Administration Commission of the State Council
SSE	referred as	Shanghai Stock Exchange
SDIC	referred as	State Development & Investment Corp., Ltd.
Company, the Company, SDIC Power, We	referred as	SDIC Power Holdings Co., Ltd.
Yalong Hydro	referred as	Yalong River Hydropower Development Co., Ltd.
SDIC Dachaoshan	referred as	SDIC Yunnan Dachaoshan Hydropower Co., Ltd.
SDIC Xiaosanxia	referred as	SDIC Gansu Xiaosanxia Power Co., Ltd.
SDIC Beiji	referred as	Tianjin SDIC Jinneng Electric Power Co., Ltd.
SDIC Qinzhou	referred as	SDIC Qinzhou Electric Power Co., Ltd.
Huaxia Power	referred as	Xiamen Huaxia International Power Development Co., Ltd.
SDIC Panjiang	referred as	SDIC Panjiang Power Co., Ltd.
SDIC Genting Meizhouwan	referred as	SDIC Genting Meizhouwan Electric Power Co., Ltd.
SDIC Honghe New Energy	referred as	SDIC New Energy (Honghe) Co., Ltd.
SDIC New Energy	referred as	SDIC New Energy Investment Co. Ltd.
SDIC Gansu New Energy	referred as	SDIC Gansu New Energy Co., Ltd.
Xinjiang New Energy	referred as	SDIC New Energy (Xinjiang) Co., Ltd.
Jiangsu New Energy	referred as	SDIC New Energy (Jiangsu) Co., Ltd.
Hebei New Energy	referred as	SDIC New Energy (Hebei) Co., Ltd.
Guangxi New Energy	referred as	SDIC New Energy (Guangxi) Co., Ltd.
Hainan New Energy	referred as	SDIC (Hainan) New Energy Co., Ltd.
Guangxi Wind Power	referred as	SDIC Guangxi Wind Power Co., Ltd.
Guyuan New Energy	referred as	Guyuan County Guanghui New Energy Power Generation Co., Ltd.
Newsky (China)	referred as	Newsky (China) Environment & Technology Co., Ltd.
New Sky (Thailand)	referred as	Newsky (Thailand) Environment & Technology Co., Ltd.
New Sky (Bangkok)	referred as	Newsky (Bangkok) Environment & Technology Co., Ltd.
Gansu Electricity Sales	referred as	SDIC Gansu Electricity Sales Co., Ltd.
C&G Environmental Protection (Thailand)	referred as	C&G Environmental Protection (Thailand) Co., Ltd.
Red Rock Power, RedRock	referred as	RedRock Power Limited
InchCape, ICOL	referred as	InchCape Offshore Limited
Installed capacity	referred as	The sum of the rated power of power-generating equipment

Total installed capacity	referred as	The total installed capacity of operating power plants owned by a company and its related parties or holdings
Holding installed capacity	referred as	the sum of the installed capacity of a company's power plants and the existing power plants in which the company holds controlling shares
Attributable installed capacity	referred as	the sum of installed capacity multiplied by the shareholding ratio of a company's power plants and the existing power plants in which the company holds shares or controlling shares
Generated energy	referred as	the quantity of active energy generated from primary energy by generator sets through processing, namely, the product of actual active power and actual run time of generator sets
On-grid energy	referred as	the measured electricity generated by power plants and connected to the grid connection points, also known as sales energy
Overall power consumption rate	referred as	the proportion of the power consumption of generating equipment and other power consumption during power generation in the generated energy
Utilization hours	referred as	the operating hours when the generated energy from the generating equipment is converted to rated power within a period. This indicator is used to reflect the utilization of the generating equipment calculated as per its nameplate capacity.
Coal consumption for power generation	referred as	the standard coal consumption per unit generated energy
Coal consumption for power supply	referred as	the standard coal consumption per unit power supply
GDR	referred as	global depository receipt (GDR)

Disclaimer

The information contained in the Report does not constitute any investment recommendation, so investors should not use such information as a substitute for their independent judgment or make decisions solely based on such information, and the Company shall not be liable for any loss or damage caused or likely to result from the use of the information in the Report. The information published by the Company is true and accurate. If there is any inconsistency with the statutory disclosure documents, the statutory disclosure documents shall prevail.

Statements in the Report that constitute forward-looking statements do not bind the Company to its future actions and the Company is under no obligation and does not undertake to revise the forward-looking statements (if any) contained in this document.

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