国家能源集团
CHN ENERGY

2019

China Longyuan Power Group Corporation Limited

CORPORATE SOCIAL RESPONSIBILITY REPORT

Clean Energy Beautiful China



NOTE ON THE REPORT

References

Guidelines to the State-owned Enterprises Directly under the Central Government on Fulfilling Corporate Social Responsibilities by SASAC;
Sustainability Reporting Guidelines (G4) by Global Reporting Initiative;
ISO 26000: Social Responsibility Guide (2010) by International Organization for Standardization ISO;
the Environmental, Social and Governance (ESG) Reporting Guide issued by Hong Kong Stock Exchange,
and Guidance on Chinese Enterprises' Corporate Social Responsibility （CASS-CSR 4.0）.

Data Sources

The data in the report is subject to the annual reports, statistics and other official documents of Longyuan Power and its subsidiaries which have been approved by the senior management, administrative departments and subordinate entities.

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Description Clarification

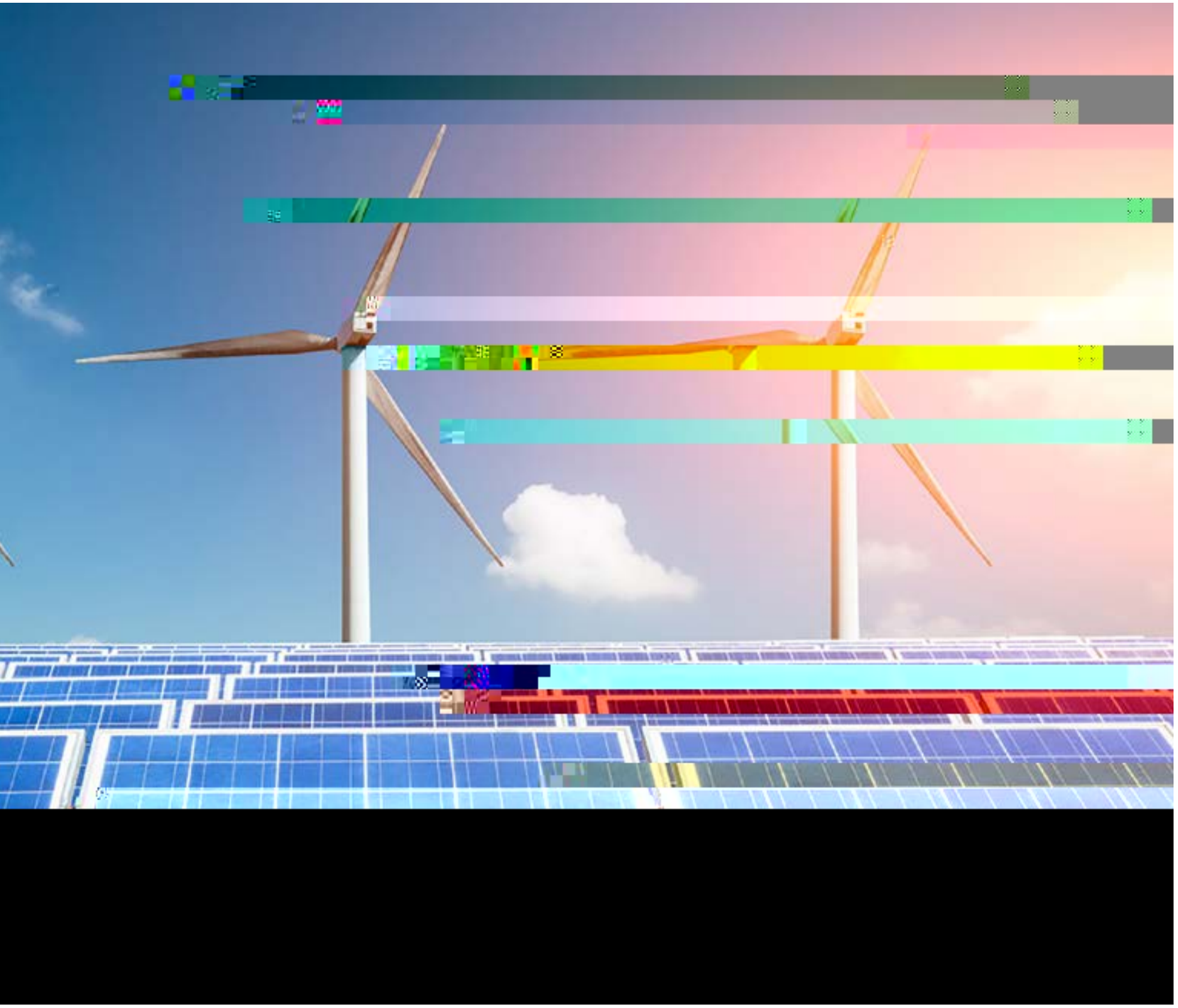
China Longyuan Power Group Corporation Limited is referred to as “Longyuan Power”, “Longyuan” and “the Company” in the report.

Coverage

This report shares its fulfillment of economic, social and environmental responsibilities by Longyuan Power and its subsidiaries.

Time Frame

January 1 – December 31, 2019. Certain parts may go beyond this time frame.



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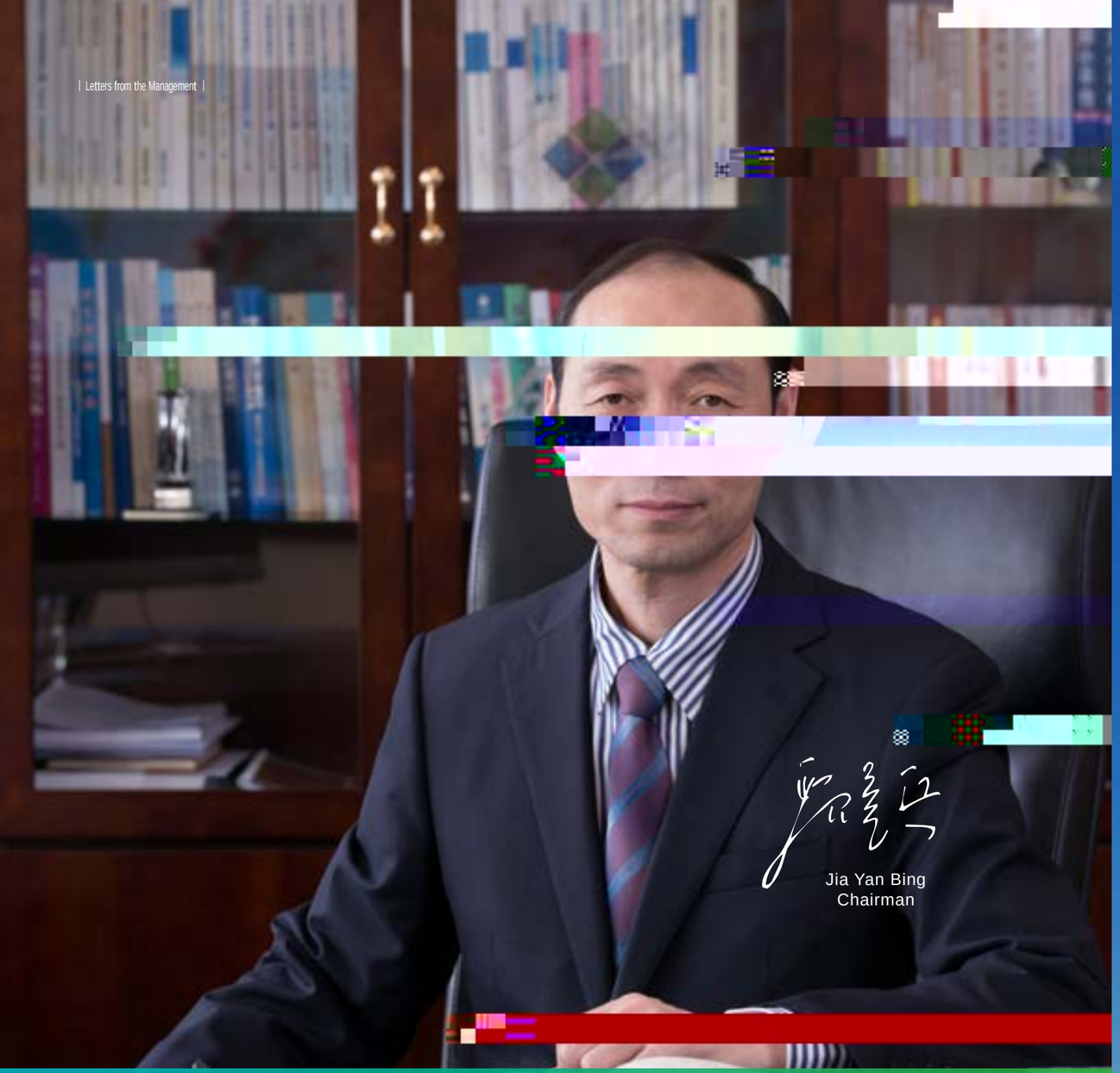
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Jia Yan Bing
Chairman

LETTER FROM THE CHAIRMAN

Operating with original heart, shouldering responsibility as mission

Year 2019 marks the 70th anniversary of the founding of People's Republic of China which also represents a crucial year for us as we endeavor to achieve the first Centenary Goal of building a moderately prosperous society in all respects. As an important part of the China Energy Group's new energy sector, Longyuan Power follows the guidance of Xi Jinping Thought on Socialism with Chinese characteristics for a New Era and upholds the spirit of the Nineteenth National Party Congress and Plenary Sessions of the 19th CPC Central Committee.Under the leadership of China Energy Group's Leading Party Group and the company's board of directors, Longyuan will conscientiously implement the energy strategy of Four Revolutions and One Cooperation, adhere to and strengthen the party's overall leadership. Operating with original heart and shouldering corporate social responsibility as mission, Longyuan fully Implements the overall strategy of "One Goal, Three Drives, Five Transformations, Seven First-Class" to win a good start for building a world-class new energy corporation with global competitiveness. Longyuan sees a sound and steady improvement in operation and ranks as Global Top 500 New Energy Enterprises for seven consecutive years.

In terms of fulfilling corporate social responsibility, Longyuan Power strengthens responsibility management and shapes a responsibility culture. Longyuan carries out economic responsibilities for value enhancement; it shoulders social responsibilities for harmonious development; it performs environmental responsibilities for green energy; and it effectively integrates social responsibility into the company's strategy and operational practice. Longyuan fully enhanced its comprehensive value creation, business operation transparency and brand influence and continued to consolidate its position as the world's largest wind power operator with remarkable responsibility performance, and won the " Overseas Corporate Responsibility Model Enterprise Award ".

The year 2020 marks the end of China's efforts to build a moderately prosperous society in all respects and the 13th five-year plan. Longyuan people will rally closely around the Party Central Committee with Comrade Xi Jinping at its core, uphold and strengthen the overall leadership of the Party, firmly establish a new development concept. Under the strong leadership of the China Energy Group Party Group, we will bear in mind the mission and shoulder responsibility; we will never forget why we start and continue to proceed; we will constantly endeavor to build a world-class new energy company with global competitiveness, to maximize the company's comprehensive value of economic, social and environmental performance, and to make greater contribution on China Energy Group's goal of building a world-class model corporation and on realizing the Chinese dream of ecological civilization!

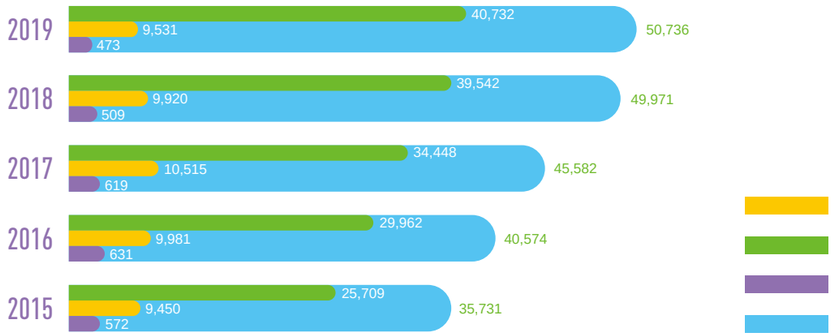
COMPANY PROFILE

Founded in 1993, Longyuan Power was subordinated to the Ministry of Energy of the People's Republic of China. Now as a part of the China Energy Group, it is the earliest specialized company to develop wind power in China, after being affiliated to Ministry of Electric Industry of PRC, the State Power Corporation of China and China Guodian Corporation. In 2009, Longyuan Power conducted an initial public offering of H shares for listing on the Main Board of Hong Kong Stock Exchange, making it the first company of China new energy listed in stock market. Today, Longyuan Power has developed into a large-scale comprehensive power group focusing on new energy with more than 300 wind farms as well as photovoltaic, biomass, tidal, geothermal and thermal power generation projects, covering its business domestically in 32 provinces and cities, and overseas in Canada and South Africa.

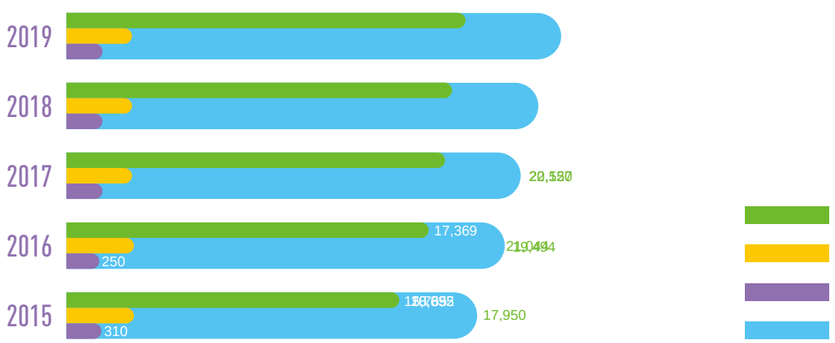
As of the end of 2019, the installed capacity of Longyuan Power holdings reached 22,157 megawatts, of which the wind power was 20,032 megawatts, maintaining its lead in world's largest wind power operators. Based on good business performance, the company has been awarded prizes and honors such as the "National Civilized Unit", ôNational May 1st Labor Awardó, 2013ð2014 òEnvironmental Protection New Energy Enterprise Awardó for the Hong Kong Stock Market Ranking of Mainland Chinese Enterprises, "Best Listed Company in Corporate Governance ", òThe Most Valuable Listed Company during the 13th Five-Year Plan period", " Listed Company with Best Brand Value " and "Best Listed Companyó. It has been listed the òGlobal Top 500 New Energy Enterpriseó for seven consecutive years.

KEY PERFORMANCE

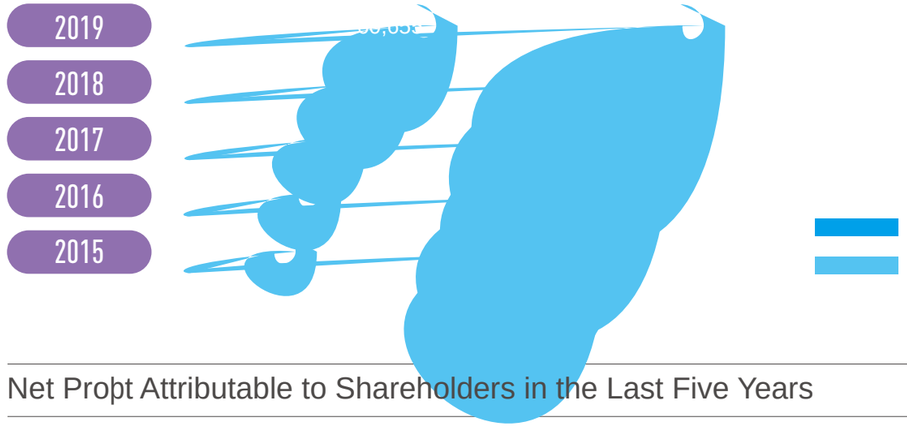
Power Generated in the Last Five Years



Total Installed Capacity in the Last Five Years



Total Assets & Net Assets in the Last Five years



Net Propt Attributable to Shareholders in the Last Five Years



Earnings per Share in the Last Five Years



Honors&Awards

In October 2019, Zhang Xi, president of Longyuan Tibet Company, as a representative of the central-government owned enterprise staff, was invited to participate "Spring Tide" phalanx floats in the mass parade during the military parade and mass parade to celebrate the 70th anniversary of the founding of the People's Republic of China.

In November 2019, Longyuan Zhongneng Company won the first prize of the 2019 Electric Power Science and Technology Innovation Award for the "Key Technology and Engineering Application for Design and Construction of Shallow Overburden Offshore Wind Power Single Pile Foundation".

In November 2019, "Inheritance from Pursuing the Wind and the Waves" of Longyuan Fujian Company was awarded as excellent works in an event held by Cyberspace Administration of China and the All China Federation of Trade Unions.

"Led by Innovation, deeply integration of information technology and energy production and comprehensively enhanced equipment



On December 25, 2019, Longyuan Power won the "Overseas Corporate Responsibility Model Award" at the 2019 China Corporate Social Responsibility Report Summit and the Eighth Annual Shared Responsibility Summit hosted by the China Social Responsibility 100 Forum and the China Corporate Social Responsibility Report Rating Expert Committee in Beijing.

In recent years, Longyuan Power has actively implemented the Belt and Road initiative by enhancing international energy and technology cooperation as well as fulfilling its responsibilities, serving local communities so as to have a good image of Chinese enterprises. Given a



RESPONSIBILITY MANAGEMENT

Concept of Responsibility

Longyuan Power regards fulfilling its social responsi
responsibility and obligation, forms a model social respon
win cooperation and first-class as its features. We pay a
balance of economic, social and environmental responsibili
competitiveness, management level and our social resp
setting up a good social reputation and brand image with
high-quality sustainable development of enterprises, society



	È Safe and stable electricity supply È Maintain and increase the value of state-owned assets È Comply with laws and pay taxes È Maximize shareholders' long-term benefits	È Guarantee their rights and benefits È Provide professional development È Realize their value È Care for them physically and psychologically È Corporate culture	È Provide sufficient, stable, safe, and environment-friendly electricity at a reasonable price È Enhance service quality	È Abide by commercial morals, laws and regulations È Strengthen standardized safety management È Be credible for a win-win situation	È Participate in the discussion and research on public policies and industrial standards È Follow the industrial development trend and policies È Promote the sustainable development of the Company and the industry	È Protect the community environment È Participate in community construction È Support public welfare
	È Participate in the discussion on relevant policy formulation and contribute its experience È Assert positive influence on public policies È Talk with the government in the operational area È Increase information disclosure	È Staff representatives from the Supervisory Board È Labor unions of different levels È Staff Congress È Increase information disclosure	È Pay regular visits to customers È Publish product quality information È Provide service activities È Seek for customers' opinion È Increase information disclosure	È Business negotiation and technical exchanges È Publish management regulations on suppliers and contractors È Share management experience and technical standardswww È Contract negotiations È Routine business communication È Increase information disclosure	È Provide corporate experience È Participate in relevant activities È Enhance international exchanges È Increase information disclosure	È Talk with local governments È Support community welfare È Community visits and exchanges È Increase information disclosure
	È Execute the national energy policies È Open to supervision, inspection and evaluation È Regularly hold meetings of shareholders È Regularly hold meetings of the Board of Directors È Hold meetings with investors	È Strengthen employees' training and cultivate their skills È Improve living and working facilities È Continue with the Green Care Campaign È Insist on employees' occupational health check	È Refine quality management system and recommend products' technical upgrade	È Establish transparent and fair regulations for bidding È Compile legitimate and fair contracts for cooperation È Improve the system and procedures of project construction supervision È Actively communicate and coordinate with contractors and create a safe and healthy working environment È Provide fair competitions to suppliers	È Take part in industrial organizations È Communicate about concerned problems in various methods È Participate and support the international environmental standardization	È Conduct educational donations, disaster relief, and crisis rescue È Support the new rural construction È Support and promote local economic development by constructing major projects È Carry out employee volunteering activities È Invest in environmental protection projects
	È Fees and taxes È Power production È Dividend-payout ratio È Stock value	È Occupational health check rate È Number of trainings given to employees È The guarantee of salaries and vacations È Donations to employees in difficulties	È Electricity sales	È Contract implementation rate	È Number of organizations and people to take part in and the number of activities	È Social welfare investment È Number of employee volunteers and the number of activities

Responsibility Implementation

In 2019, the company worked out a standard social responsibility indicator system to describe the world-class corporate social responsibility features, which depicts a roadmap of social responsibility implementation from 2015 to 2020 as follows:

1	I I i 1
Carry out social responsibility risk management	Completed
Establish social responsibility work information system	Completed
Incorporate performance evaluation indicators into the evaluation system and conduct a comprehensive social responsibility performance evaluation	Completed
Carry out internal social responsibility investigations and optimize the management system based on performance evaluation and investigation results	Completed
Participate in the formulation of social responsibility standards at home and abroad, and contribute to the development of domestic and international social responsibility	Completed



ECONOMIC RESPONSIBILITY



Responsibility For Shareholders

Responsibility for shareholders means that the company is responsible for the benefits of its shareholders. Longyuan Power cherishes and makes good use of shareholders' investment, constructs a solid corporate governance structure, and builds a business culture with value maximization as its driving force to increase its corporate value and repays to the shareholders to constantly win trust and support from shareholders and investors.

01 / Shareholders' Equity

Longyuan Power establishes a shareholders' equity safeguard mechanism and further its communication with shareholders to disclose corporate information such as major business decisions, financial performance and social practice activities to shareholders in a timely and accurate manner to guarantee appreciation value and the interest of shareholders and investors.

Further Reading

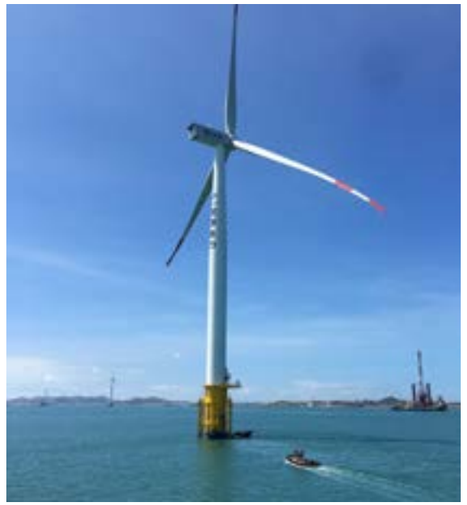
- The company achieved consolidated operating income of RMB 27.541 billion throughout the year, a year-on-year increase of 4.4%.
- The net profit attributable to equity holders of the company was RMB 4.567 billion, a year-on-year increase of 9.6%.
- The company achieved earnings per share of 53.82 cents.
- The company achieved a total profit of RMB 6.45 billion.
- At the end of the year, the company's total assets reached RMB 156.803 billion with net assets RMB 60.655 billion and its net debt-liability ratio 55.54%.



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Longyuan Hubei Company and Zishi Town signed a 135,000 kilowatt photovoltaic development agreement.



Longyuan Fujian Company's offshore wind farm staff sails to work.



CLASSIC CASE

L y i i y i i i k - i i
w i iE y w i w y i

In order to adapt to the power trading market faster, the Company changed its marketing concepts and took the initiative instead of waiting or relying. April 15, 2019, Longyuan Qinghai Company signed the þrst market transaction contract of shared energy storage peaking ancillary service in Qinghai, which effectively relieved the Company's Phase I and Phase II grid-connected photovoltaic power generation projects from April 21st to 30th during the peak hours of the power grid with an increase in power generation of approximately 417,800 kWh and an increase in the revenue of approximately 484,600 yuan. The promotion of the transaction not only improves the company's earnings, but also provides a reference for later participation in the market-oriented transaction of energy storage.



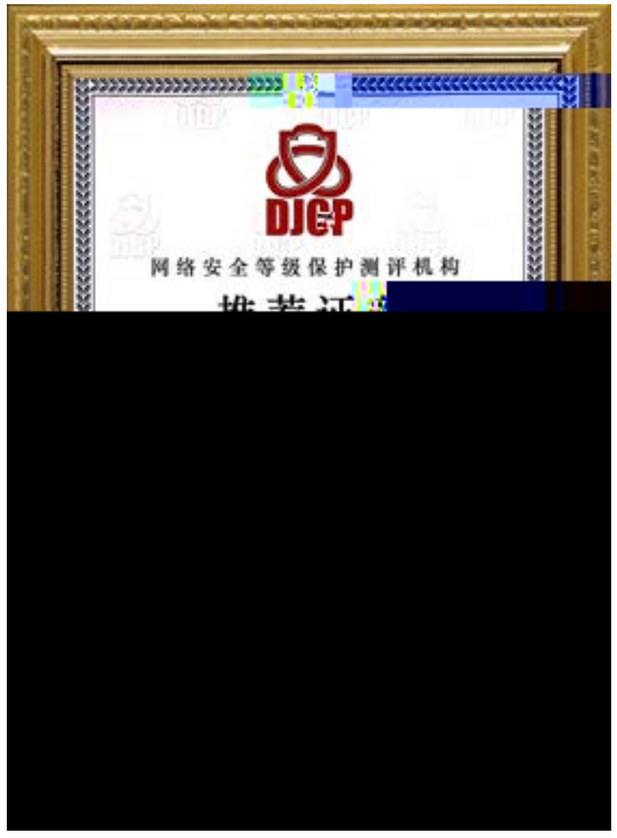
Signing Ceremony

05 / Scientiþc and Technological Innovation

Longyuan took the initiative to adapt to the new situation featuring scientific and technological innovation and information drive, restructured its technological innovation system, actively integrated scientific and technological forces, and focused on promoting key technology research and development and on the transformation and application of scientific and technological achievements with five provincial-level scientific and technological advancement award, four industry-level scientific and technological advancement awards, 40 new patent authorizations and 12 software copyright authorizations all over the year. Longyuan steadily promoted informatization and intelligence construction, completed the compilation of wind farm informatization construction standards, clarified the feasibility and design standards of new wind farm informatization, and was appointed as chief editor for one national standard and four energy industry standards including Technical Guidelines for Smart Wind Farms which is the þrst and fundamental standard for smart wind farm industry in China. Longyuan built corporate intelligent production management system and carried out pilot construction of smart wind farms with the affiliated Anhui Longhu Wind Farm listed as pilot project of the China Energy Group's smart wind farm construction model. Longyuan's scientific and technological innovation works are refreshing.







In July 2019, Longyuan Zhongneng Company successfully obtained the qualifications of national network security evaluation institutions, marking the frst time that domestic new energy industry obtaining such qualification licenses which provides effective guarantee for energy information security.

Responsibility For Partners

The Company actively shoulder its responsibility for partners, adheres to the business philosophy of fair operation, strictly abides by national laws and regulations, international trade rules, business ethics and industry rules, and strives to build mutual support, mutual beneþt and all-win relations in line with the principle of equality, respect and integrity while following the trend of the market.

01 / Equal Competition

The Company continues to adhere to the policy of extending social responsibility to partners, builds a partner responsibility chain, and guides partners to develop fair cooperation in terms of quality, efþciency, price and service. When selecting partners, the Company strictly abides by the principle of fair trade, effectively regulates the pre-qualiþcation procedures, and conducts interactive exchanges, inspections and conþrmations of the cooperative units in a fair and impartial manner. The Company strictly implements the project construction contractor access system, establishes and improves the project bidding system, construction supervision systems and procedures, giving each qualiþed supplier equal opportunities for competition, which wins a wide recognition from all partners.





On June 26, 2019, a group of East China Power Grid Company came to Longyuan Jiangsu Company Dongyuan Wind Farm to carry out power station and grid network activities.

02 / Integrity Collaboration

The Company takes integrity as the principle of collaboration, respects and protects the legitimate rights and interests of its partners, and acts in strict accordance with the contract. Personnel of all departments of the company strictly abide by the rules and regulations, and maintain cooperative relationship in a fair, honest and equal manner. The Company actively cooperates with all parties to jointly promote the healthy, stable and orderly development of the domestic clean energy industry. The company has established strategic partnerships with outstanding enterprises in the design, construction and supervision industries at home and abroad to achieve win-win cooperation.



On August 23, 2019, journalists and news reporters from Xinhua News Agency and other ten mainstream media, industry media and new media summoned by State-owned Assets Supervision and Administration Commission of the State Council and Cyberspace Administration of China visited Longyuan Zhejiang Wenling Jiangxia Tidal Test Power Station to conduct research and interview with the theme of Grow with the PRC, New Media into New State-Owned Enterprises.



In 2019, a-week-long Clean Coal and Clean Energy Exchange and Training for APEC economies was held in Ningbo, Zhejiang. As an important part of the event, Longyuan Zhejiang Zhoushan Jintang Wind Farm welcomed a delegation of 45 people from APEC economies from nine countries and regions in the Asia-Pacifc region for their visit on May 10.



In June 2019, Longyuan Mengdong Company Daiqingtala Wind Farm and Daiqingtala Central School jointly organized the school-enterprise network activity.



SOCIAL RESPONSIBILITY

Longyuan actively shoulders its responsibility for the government, Enhances the leading role of party-building, adheres to practicing integrity, strengthens the construction of the rule of law, actively abides by national energy rules and related policies, safeguards the safe and stable supply of electric power, thus creating a good corporate atmosphere

CLASSIC CASE



The Party committee of Longyuan Jilin Company carried out the traditional revolution education with the theme of remaining true to our original aspiration and keeping our mission firmly in mind by retaking the road of united forces.





On April 17, 2019, Longyuan Jiangsu Company carries out the law-enforcement activities on the theme of “sending the law to the wind farm and law entering the construction site” to prevent legal risk in construction of xuyi project.



In December 2019, Longyuan Yunnan Company held a civil lawsuit moot court on National Constitution Day.



Longyuan Hubei Company carried out warning education activities during the Party conduct and integrity Government Education Month, and distributed honest and clean administration bookmarks to key post personnel to advocate integrity practices.

In November 2019, Longyuan Tibet Company organized Party members, leading cadres and employees to go to Tibet Million Serf Memorial Hall to carry out Party and patriotic education.



On August 13, 2019, Longyuan Guangxi Company completed the land acquisition and sociyÐ ʊ" Ð ʊ ʊ ɹ ȳ M ʊ ʊ ᵏ y ! o ʍim ˈ ʊ ʊ ᵏ yf ᵀ l א כ ᶠ Lo ˈ ʊ

Population	, 4
Male Population	
Female Population	
Proportion of first-line production staff	
Proportion of first-line production female staff	
Proportion of mid- or high-level manament female staff	
Number of foreign employees	

The Company continues to implement the strategy of developing through talents and fully promotes the construction of the ôGrand Trainingó system, constantly enhances the foundation and promotes innovation to furt] ⁎ l co } ˈ ˊ ǫ̈ rhumˋΩ C ∋ mpany cm,ɱ א ˊ



Longyuan Heilongjiang Company Shuguang Practical Training Base conducts training for electric transmission and transformation equipment operation.



Longyuan Ningxia Company carried out the on-site employees' skills training.

Further Reading

■ The Company strengthened the construction of training center, southern training base, Shanxi training base, Liaoning training base and Gansu training base among which the Shanxi and Liaoning training base have the ability for employeesð primary practice training, successfully trained 33 staffs from 26 afþliated units for primary practice.

■ The ôOutline of Vocational Education and Training for Wind Power Generationó, ôOutline of Qualification Examination for Wind Farm Production Postsó, and ôPractice Set of Qualification Exam for Wind Farm Postsó compiled by the Company were officially released in May 2019, effectively provided the basic theory for and improved ability of the production personnel.

■ On the basis of fully summarizing the experience of previous key training courses, the Company organized Jiang(General) xing Training Camp for the second time, selected 44 excellent operation inspection personnel who completed the six-month Jiangxing Training Camp, selected 39 outstanding field directors (deputy þeld directors) to participate in the Jiangxing Training Camp, and had 82 people to participate in the 2019 young cadre training.

■ The Company completed this year's "Famous Teacher Lecture" activity, and organized an expert team based on the Company's chiefs to go to the wind farms in Guizhou, Heilongjiang, Ningxia, Xinjiang, and Gansu to conduct technical skill training.

■ The Company organized two rounds training for wind farm field directors and specialists qualification certification work with a total of 35 þeld directors (deputy þeld directors) and 51 safety (technical) specialists took part in the post qualiþcation review and completed the 2016 field director (exclusive responsibility) post qualiþcation review work.

■ The Company organized all the units to complete the qualiþcation certiþcation for the level of shift foreman or below with all the affiliated wind power enterprises completing the qualiþcation certiþcation for the production personnel.

■ The Company organized staff from training centers to exchange with the State Grid Training Center, and jointly prepared the employee electrical training program, supplemented the Company's deficiencies in management training and professional skills training by using external training resources.

■ The Company held a total of 1,635 professional training courses throughout the year, with 6,355 participants, reaching 31,463 person-time as total.

05 / Employee Compensation

Longyuan employee compensation is composed of post performance salary, special bonus and various subsidies. Through the selection mechanism featuring competition, small steps and dynamic adjustment, the Company improves the post-level compensation to stimulate the vitality of the employee team. Based on performance evaluation featuring regular checking and production index, the Company starts with special rewards in the guidance of value creation, targets on rewarding leaders and employees. According to the impact of the natural index and human factors on the work and life of employees in the area where the inspection site is located, the Company allocates subsidies for staffs working in remote and poor arears to encourage employees to take root and þght. The Company allocates special subsidies to chiefs to mobilize employees‧ enthusiasm for entrepreneurship.



Chairman of the Board of Directors Jia Yanbing visited and sent regards to the frontline employees in affliated Xinjiang company.

06 / Democratic Management

The Company strengthened democratic management, adhered to the system of employee representatives, fully listened to employees‧ opinions and suggestions, collected 77 proposals for employee representatives, þled 56 cases, with 100% solution rate and 100% response satisfaction of proposals from last year. The Company will improve the collective contract system for equal consultation, strive to build a harmonious labor relationship, and continue to promote the openness of factory affairs. The Company will continue to broaden the channels for rationalization proposal from employees, and fully mobilize the enthusiasm and initiative of all employees to love their jobs and take enterprises as their homes.

07 / Caring Program

The Company continued to deepen its green caring program, visited 182 employees who are in need, 2,122 employees who stayed at the front line during the holiday season, and five model workers and cadres who were assigned here. The first-line employees are included in the range of rehabilitation staffs and are allocated in two batches for the model rehabilitation. A total of 147 advanced model workers and their families were organized to carry out activities with 2.38 million yuan allowance issued. Mutual aid funds were granted to 93 employees with a total of 900,000 yuan. The Company had a better understanding for the frontline domestic water situation through surveys and investigations, formed a solution system to the problems of front-line employees drinking water and domestic water difþculties accordingly, enhancing employees‧ sense of belonging and corporate cohesion.



Sun Jinbiao, the president of the Company, visited and sent regards to the frontline employees in affliated Hainan company.



On July 15, 2019, 55 labor models, advanced individuals, front-line workers and family members from remote and poor area in 23 affliated units of Longyuan gathered in Yichun, Lindu to carry out the first batch of advanced labor rehabilitation activities of Longyuan this year.



Longyuan Hubei Company sent regards and granted allowance to employees in need.



Longyuan Jilin Company organized study and rehabilitation activity for the frst time to learn from the model, advanced individuals and frst-line outstanding employees.

The Company actively implements the Healthy China 2030 Outline, promotes all staff fitness exercise, actively carries out various cultural and sports activities, constantly enriches the cultural and sports life of employees, actives work atmosphere, improves employees health, enhances the sense of belonging of employees, enhances corporate cohesion, and forms a situation of common development and harmonious win-win between employees and enterprises.



The staff from Longyuan Hainan Company is explaining and demonstrating the correct way of wearing the full body safety belt for the employees' family.

01 / Safety Culture

The Company firmly establishes the safety concept of life first and safe development, adheres to the bottom line thinking, strictly observes the safety red line, strengthens the implementation of safety main responsibility, strengthens the standardization of safety and civilized production, conducts safety skills training and safety knowledge examination, holds a safety knowledge contest for all employees, rounds of training for safety specialists, and conducts safety drill, to build a safety culture guarantee, and to continuously improve the safety awareness and ability of all employees.



Longyuan Shaanxi Company's Zhouwan Wind Farm actively responded to the invitation of Wuqi County Government to participate in the 2019 National Safe Production Month activity themed as preventing risks, eliminating hidden dangers and reducing accidents, to popularize the knowledge of safe production for the masses of Wuqi County and to raise the masses awareness of safe production, creating an environment of safe production.

The Company adheres to the principles that responsibility is shared by Party and administrative management, that one post

The Company has intensified safety inspection and rectification efforts, strengthened safety supervision and inspection, comprehensively investigated safety hazards, clariþed responsible persons for rectification, supervised problems to deal with closed-loops, and resolved deep-seated problems affecting safety. The Company carries out in-depth safety inspections of affiliated provincial companies, conducts safety evaluations on affiliated wind farms, includes key issues in governance plans, and urges the implementation of recti® τ ˜Ḥ
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On the eve of the Super Typhoon Lekima's landing, the wind farms of Longyuan Jiangsu Company carried out special inspections to investigate and eliminate hidden troubles.

In June 2019, Longyuan Hebei Company carried out investigation and elimination of hidden problems, digging deep into hidden safety risks, and consolidated the foundation of safe production.



In July 2019, Longyuan Zhongneng Company successfully completed the intelligent inspection fight test of UAV blades for offshore wind farms in Nanri, Fujian. UAV blade inspections began to enter the offshore wind farm operation and maintenance.



Social Welfare

Longyuan actively takes the responsibility as a corporate citizenship, insists on the principle of "developing enterprise and nurturing society in synchronization", actively conveys warmth and care, fulfills its due obligations in serving the community, participating in public welfare and volunteering, takes part in social public welfare activities, contributing more to the harmonious development of the society.



Longyuan Canada's Dufferin Wind Farm is a diamond-level sponsor for the Autumn Agricultural Trade Fair in Dundalk Town.

01

Upholding the principle of win-win through collaboration, the Company actively serves the local community, vigorously implements localized operation, establishes regular communication and exchange mechanism with local representatives in the process of project development, construction and operation, tries to strengthen the contact with local governments, maintains good communication with local competent authorities, actively adopts reasonable suggestions of local governments, enterprises and residents, improves local infrastructure, shares welfare facilities of the company with local communities, promotes local energy development, and promotes the healthy development of local economy.


The Party branch of Dabancheng of Longyuan Xinjiang Company extended regards to police officers of Chaiwobao Police Station, greeted and expressed gratitude with Spring Festival blessings to the front-line personnel fghting against terrorism and maintaining stability.



The Party Committee of Longyuan Guizhou Company was awarded the title of Advanced Party Organization for Poverty Alleviation Endeavors in Bijie City.


Longyuan Zhongneng Company carried out the charity donation of Green Zhongneng Clothing Relationships with employees actively donating clothing.


Longyuan Guangdong Company donated money to help Longchuan fght against foods.



ENVIRONMENTAL RESPONSIBILITY

Energy Conservation and Emission Reduction

Longyuan actively shoulders its responsibility for environment, has long been sticking to the concept of green development, adhering to the environmental protection policy of "protecting the environment, preventing pollution, carrying out environmental governance according to law, and developing sustainable green power". It actively implements the national energy conservation and emission reduction policy and focuses on the development of clean energy. The Company's new energy power generation business itself is an environmentally friendly business that protects the environment and does not consume resources. The power generation process does not consume fossil fuels and water, nor emits exhaust gas, greenhouse gas, pollutants and hazardous waste, leaving no significant adverse effects on resources. While developing new projects, the Company does not forget to save energy and reduce emissions as well as strives to maximize green benefts.

- The Company strictly abides by the national air pollutant emission 0 '

CLASSIC CASE

L y l M li y Xi yi
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In December 2019, Longyuan Inner Mongolia Company 's new energy wind power clean heating technology renovation project was launched to provide heat to a stone processing park in Ulanqab with a heating area of approximately 100,000 square meters, marking the success of Xiaonanying 's wind power heating technology renovation project start up and its entering to the trial operation phase. This wind power clean heating project is estimated to save more than 4,500 tons of coal annually, reduces annual carbon dioxide emissions by 11,790 tons, 38.25 tons of sulfur dioxide, 33.3 tons of nitrogen oxides, and 18 tons of soot. The Company actively responded to the “Win the Blue Sky Defense War” of the autonomous region, actively advocated and implemented a clean wind heating project, making great contributions to local energy conservation, emission reduction and environmental protection.

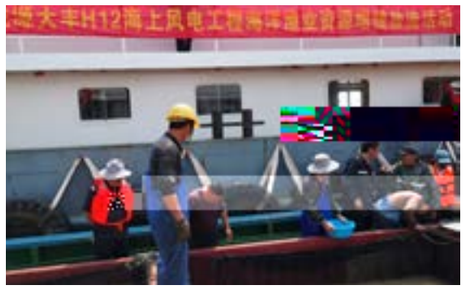
A Glance of Xiaonanying wind power clean heating technology renovation project of Longyuan Inner Mongolia Company



The Company constantly improves its environmental management system, strengthens environmental control, and raises awareness of environmental protection. It adopts various measures to strengthen environmental protection during the construction and operation phases of the project. The Company puts the environmental protection and management of water and soil conservation of the project construction at the same important position as the project safety and quality management. Under the regulatory control, the

Biological Conservation

Longyuan Power has always complied with the requirements of laws and regulations related to environmental protection, paid full attention to and considered the potential impact of the project on the surrounding environment, strictly carried out the preliminary environmental assessment of the project, carefully planned and implemented the vegetation restoration and environmental protection after project operation, constantly focuses on the integrity and protection of biodiversity in the protected area, so as to ensure that the ecological environment with reasonable structure and stable system was formed in the field. In 2019, the company continued to build and participate in a number of projects and activities to protect biodiversity, and continued to win the respect of the government and people where it operates.



In the spring and autumn of 2019, Longyuan Jiangsu Offshore successfully organized Dafeng (H12) 200MW offshore wind power project to carry out marine ecological restoration and rtificial propagation and release activities with 8.57 million fsh fry released throughout the year.

01 / Marine Organism

In the construction and operation of offshore wind farm, Longyuan Power attaches great importance to the protection of marine þshery resources, and fry stocking is regularly adopted to improve the breeding and growth of þshes. At the same time, the company closely observes the changes of biological resources in the reservoir area during the operation of tidal power station to protect the normal growth of related organisms.

02 / Wildlife

In the development and construction of wind farm, Longyuan Power pays attention to the influence of wind turbines on birdïs migration. It ensures that the spacing between wind turbines can have birds ÿy cross safely and paints warning colors to help avoid bird impacts, minimizing the probability of birds ÿying at night impacting blades. At the same time, the company also protects the growth of other wildlife.



Longyuan organizes staffs from the headquarters and Beijing to carry out low-carbon walking activities

Low Carbon Actions

Longyuan Power actively promotes and advocates the low carbon concept and behavior, cultivates and promotes voluntary emission reduction in China, helps enterprises or individuals who are interested in voluntary emission reduction to offset their own carbon emissions, and promotes the low-carbon development. The Company promotes the concept of "green office", calls for paperless office and paperless meetings to create a good atmosphere for green ofþce. It guides employees to low-carbon life, to save resources and to protect the environment.



Responsibility Planning

According to the established roadmap for social responsibility work from 2015 to 2020, looking forward to 2020 and the future and based on the social reponsiblity work from 2015 to 2019, Longyuan Power porposes responsibility planning as follows:

Actively and proactively communicate with stakeholders, act on stakeholders' consensus and participation, obtain broad consensus and strong support from the society, ensure the company's social responsibility work advancement.

Continue to exert efforts, change to advance, allocate corresponding resources, add pilots of corporateis social responsibility work and management, expand coverage, promote integration, steadily develop to achieve full coverage, all-round integration and full participation of its social responsibility management.

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