

2019

§ x ا ۆ

σ 6 |

o

Б

CONTENT

	About the Report	11	Responsibilities of Tianneng	22	Feedback
01	About Tianneng	11	Protection of Employees	22	Occupation
01	Enterprise Profile	15	Protection of Investors	23	Offer Advice and Suggestions
01	Products and Services	16	Protection of Customers	23	Joint Development of Villages and Enterprises
02	Development Concept	16	Protection of Intellectual Property	25	Public Benefit and Charity
03	State of Operation				
04	Operation and Management	17	Green Development	27	Part of the honors
04	Organizational Structure	17	Green Intelligent Manufacturing		
05	Governance Structure	18	Recycling and Regeneration		
06	Communication Mechanism	21	Energy Conservation and Emission Reduction		
07	Internal Control				
09	Security System				
10	Supplychain Management				



√° ĩ 3 Φ
 ĩ 3
ċ √°
ŵ ^ . 3 l ĩ

đ 0 / 0— 2 3
◊ @ W 1







Fair Employment

The Group strictly abides by the relevant local laws and regulations, insists on equal employment, and prevents discrimination on the race, gender, age, marital status, religion or nationality of candidate in recruitment and promotion, also rejects any discrimination or harassment in the workplace.The group provide fair and just employment opportunities .

Basic Employment Protection

The group obeys all regulations in Labor Law, carries out equal employment strictly and makes sure 100% legal compliance. All staff must sign labor contract on entry day and the Group pays for 5 social insurances and housing fund according to the regulations. Staff have marriage leave, pregnancy leave and so on according to law. The hours of work, remuneration for overtime, statutory holidays, paid leave and related benefits are in accordance with the stipulations in local labor laws. The labor union organizes congress of workers each year to discuss big issues related to workers' rights and interests.

Responsibilities of Tianneng

Protection of employees

The Group regards staff as the biggest fortune of enterprise, respects individual value, pays attention to talent training and motivation, improves the sense of belonging, happiness and accomplishment. In 2019, the Group has been rewarded as the “National Model Enterprise of Harmonious Labor Relations”, “National Employment and Social Security Advanced Private Enterprises” and “National Worker Pioneer”.

- The total number of employees in Tianneng more than 20,000 , of which near 40% are male and 40% are female.
- One third of the managers have a bachelor degree or above.
- There are about 1,000 persons with professional and technical qualifications /titles.



3

天 能 电 动

2 0 1 9

年

环 境 社 会 治 理 报 告

Tianneng Power International Limited

2019Environmental, Social and Governance Report

关于天能

运营管理

天能的责任

绿色发展

反馈

荣誉部分



Employees participate
in sports games





2019年，公司积极响应国家号召，主动承担社会责任，在履行环保、社会、治理责任方面取得显著成效。公司始终坚持以“绿色、环保、安全”为核心理念，通过技术创新和管理提升，不断提升产品质量和生产效率，为客户提供优质的产品和服务。同时，公司还积极参与社会公益事业，为社会的可持续发展贡献力量。

The Group executes in strict rotation in relevant state policy and requirement, explores new path for recycling of waste lead-acid battery actively, relying on current sales network, integrates external qualified resources and expands recycling business of waster lead-acid battery, speeds up the construction of large logistics, forges stereo model of combination of self-recycling, joint recycling and recycling delegation. Currently, Tianneng has reached strategic cooperation with recycling, disposition and transportation companies in key provinces and cities nationwide.

2019年，公司积极响应国家号召，主动承担社会责任，在履行环保、社会、治理责任方面取得显著成效。公司始终坚持以“绿色、环保、安全”为核心理念，通过技术创新和管理提升，不断提升产品质量和生产效率，为客户提供优质的产品和服务。同时，公司还积极参与社会公益事业，为社会的可持续发展贡献力量。

Product Lifecycle Quality Management

As the largest power battery manufacturer nationwide, the life cycle management of lead-acid battery products has always been the focus of the Group. Through the unified coding of lead-acid battery products during the production process, the Company has established a fully closed-loop traceability system from production, sales, collection, storage, and transfer to recycling.

Since 2017, the Group has independently developed a dedicated information platform, for the collection and treatment of waste lead-acid batteries. That is used to manage from eight aspects, including registration, compliance certification, recycling management, centralized transfer management, data upload, information disclosure, data supervision and system integration. From the source of hazardous waste to the terminal for disposal and utilization, the entire business chain realizes data upload throughout the entire process. By synchronizing to the solid waste system of the relevant competent departments, we accept the supervision and management of the ecological environment department to ensure that we meet the requirements of ecological environment protection.

2017年，公司积极响应国家号召，主动承担社会责任，在履行环保、社会、治理责任方面取得显著成效。公司始终坚持以“绿色、环保、安全”为核心理念，通过技术创新和管理提升，不断提升产品质量和生产效率，为客户提供优质的产品和服务。同时，公司还积极参与社会公益事业，为社会的可持续发展贡献力量。



Energy Conservation and Emission Reduction

The Group advocates ecological development all the time, runs the idea of green ecology development through Product Lifecycle Management from product ecological design, manufacturing, packaging, transportation, usage to recovery and disposition, realizing the closed-loop green development.

In 2019, the Group sold a total of about 300 million batteries. If each battery is 20 centimeters long, the length of 300 million batteries connected end to end is 60,000 kilometers, which equals 1.5 times of the length of the equator. On the basis that the power in a group of batteries (4 batteries in a group) can support riding of 60 kilometers, and a group of batteries can be charged and discharged 400 times, the cumulative mileage of riding supported by the batteries sold by the Group each year can reach 1.80 trillion kilometers, equivalent to 6,000 round trips from earth to sun.

Assume that 80% substitutes motorcycle mileage (saving 2.5 liters of fuel per 100 kilometers) and 20% substitutes car mileage (saving 9 liters of fuel per 100 kilometers), the weighted average volume of fuel saved is 3.8 liters per 100 kilometers, and the whole life cycle of these batteries can achieve fuel saving of 68.4 billion liters (49.248 million tons), equivalent to 15% of China's refined oil consumption in 2018.

If 80% replaces motorcycles and 20% replaces cars, the batteries sold by the Group each year can reduce carbon monoxide by 2.376 million tons, hydrocarbons by 1.188 million tons, and nitrogen oxides by 237,500 tons, and can reduce carbon dioxide emissions by 135.7 million tons, which is equivalent to planting 370 million larch trees.

Feedback

Occupation

The Group directly provided more than 20,000 jobs in 10 production bases in the five provinces. More than 400,000 terminal sales stores have indirectly created more than 1 million jobs.

The Central Economic Work Conference pointed out that “stabilize employment” ranked first in the work of “six stabilizations”. The job opportunities created by the Group contribute to the high-quality development of the economy and society.



Offer Advice and Suggestions

As the representative of the 12th and 13th National People's Congress, Zhang Tianren, Chairman of the board, actively advises and seeks public interest, and actively assumes the great responsibility endowed by the people. As a representative of the National People's Congress, Zhang Tianren put forward 124 high-quality proposals and suggestions.

In 2019, Zhang Tianren participated in the "Two Sessions" of the nation for the seventh time. He prepared 26 proposals on new energy and circular economy, green development, and promotion of rural development. Among them, the Proposal on Enacting the Law on the Protection of Human Genetic Resources drew the attention of relevant national departments and people from all walks of life. On June 10, 2019, the State Council formally promulgated the Regulations of the People's Republic of China on the Management of Human Genetic Resources (hereinafter referred to as the Regulations), which came into effect on July 1, 2019. The Regulations make new provisions on the management of human genetic resources in China in terms of increasing protection, promoting rational use, strengthening standardization, and optimizing service supervision, which plays an important role in protecting human genetic resources in China and promoting the rational use of human genetic resources, preventing illegal access to and use of human genetic resources for biotechnology research and development activities.

Joint Development of Villages and Enterprises

Since 2008, Tianneng Group has cooperated with Xinchuan Village in 2008 and built a win-win platform of "Joint Development of Villages and Enterprises" to facilitate village rejuvenation. Since the establishment of the platform, the Group has guided villagers to find jobs and develop village-level economies. Two-thirds of the villagers in Xinchuan Village are engaged in work related to Tianneng, and the common development among the enterprise, the surrounding villages, employees and villagers have been achieved.

Xinchuan Village has achieved significant achievements in road and school construction, sewage treatment, etc. and supported the public welfare establishment of the village, with an accumulative donation amount of over 70 million Yuan. The current per capita income of Xinchuan Village has reached 100,000 Yuan. Xinchuan Village now has nearly 100% of compulsory education enrollment rate, social security participation rate, public toilet renovation rate, garbage disposal rate, and clean energy utilization rate, and 38% of village greening rate, and has successively won honors such as the Zhejiang Provincial Comprehensive Well-off Construction Demonstration Village and Zhejiang Hygienic Village.

At the 1st Xiangxian Conference of Xinchuan Village and the Beautiful Rural Construction Reporting Meeting held on November 17, 2019, Tianneng Group, as a village and enterprise co-construction unit, donated 5 million Yuan to Xinchuan Village. Zhang Tianren, Chairman of the board, donated 1 million Yuan personally to help the beautiful rural boutique village construction in Xinchuan Village.

Since the "Joint Development of Villages and Enterprises", Tianneng has helped Xinchuan Village in road and school construction, sewage treatment, etc. and supported the public welfare establishment of the village, with an accumulative donation amount of over 70 million Yuan. The current per capita income of Xinchuan Village has reached 100,000 Yuan. Xinchuan Village now has nearly 100% of compulsory education enrollment rate, social security participation rate, public toilet renovation rate, garbage disposal rate, and clean energy utilization rate, and 38% of village greening rate, and has successively won honors such as the Zhejiang Provincial Comprehensive Well-off Construction Demonstration Village and Zhejiang Hygienic Village.

At the 1st Xiangxian Conference of Xinchuan Village and the Beautiful Rural Construction Reporting Meeting held on November 17, 2019, Tianneng Group, as a village and enterprise co-construction unit, donated 5 million Yuan to Xinchuan Village. Zhang Tianren, Chairman of the board, donated 1 million Yuan personally to help the beautiful rural boutique village construction in Xinchuan Village.



* 3 2 b Hu
Tianneng group donated co-construction funds to Xinchuan village



* 3 Y
Zhang Tianren, Chairman of the board, visited villagers of Xinchuan Village



Part of the honors

2019, the Group has been awarded the "Green Development Award" by the China Green Development Foundation. The Group has also been praised by mainstream media such as People's Daily, Guangming Daily, Economic Daily, and Workers Daily.

The Group always regards green development as the driving force for progress, and actively explores and accumulates experience in green smart manufacturing, resource recycling, energy saving and emission reduction, and clean production, in order to promote high-quality, intelligent, sustainable development of the entire industry. The Group's efforts in green development have also been praised by mainstream media such as People's Daily, Guangming Daily, Economic Daily, and Workers Daily.





3

天 能 电 力

Tianneng Power International Limited

2 0 1 9

年

环 境 社 会 治 理 报 告

2019Environmental, Social and Governance Report

关于天能

运营管理

天能的责任

绿色发展

反馈

荣誉时刻

