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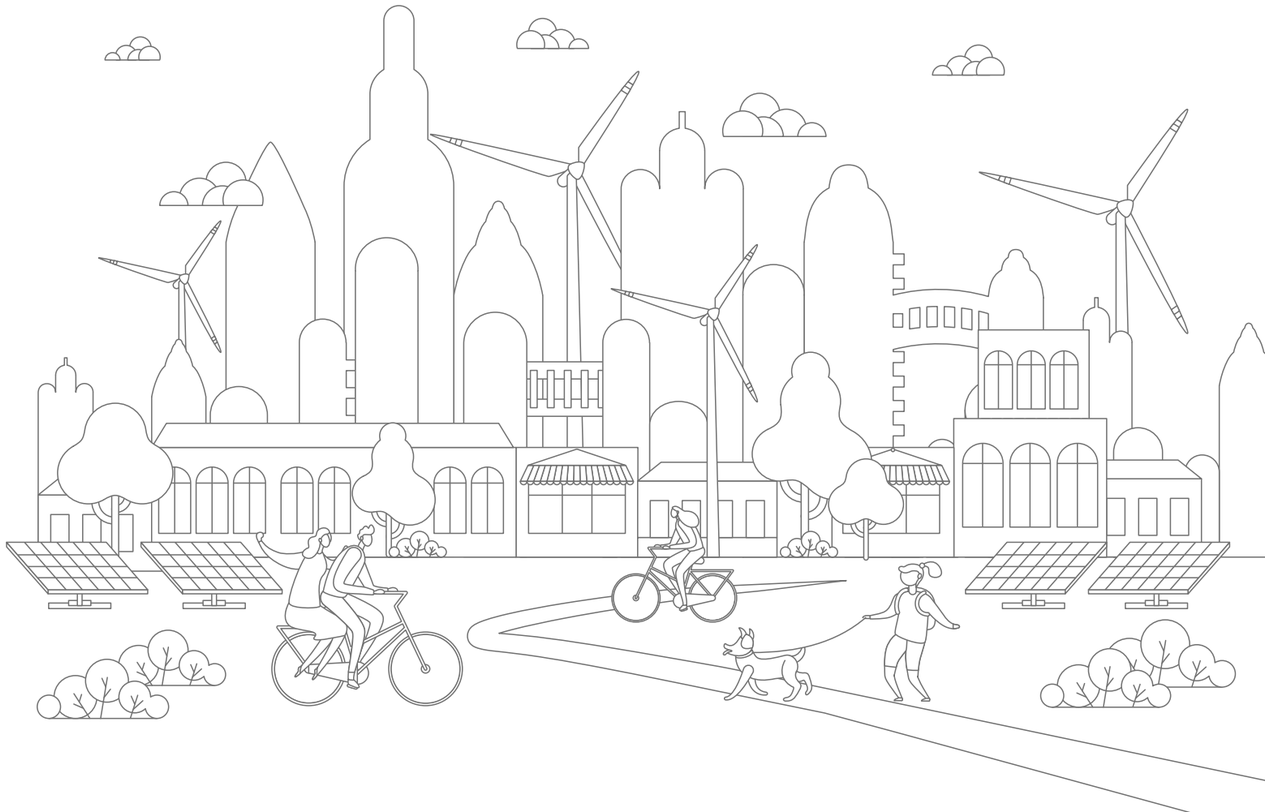
UNIVERSAL ENERGY

寰泰能源

POWERING THE GLOBE WITH GREEN ENERGY

绿 色 能 源　驱 动 全 球



MISSION & VISION

A World-leading Investor, Developer and Operator in Green Energy

UNIVERSAL
Global Leader

ENERGY
Robust Operation

Global Coverage & World Leader

Green Development & Eco-friendliness

Robust Operation & Human Centric

Win-win Cooperation & Mutual Benefit

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THE BELT & ROAD INITIATIVE

Facing the subject of the times, China is willing to build the *Belt and Road* jointly with its international partners. Through this new platform of international cooperation, we will be empowered with new impetus for common development and build the *Belt and Road* into a road toward peace, prosperity, openness, greenness, innovation and civilization.

—— Xi Jinping

In response to the *Belt and Road Initiative*, Universal Energy in 2015 embarked on a journey of developing green energy for the planet and humanity.

As of 2019, Universal Energy has invested in the construction of new energy power stations in Kazakhstan, the buckle of China's *Belt and Road Initiative,* with a total capacity of 380 MW. This development indicates a green initiative taking root in this host country.

Going forward, Universal Energy will continue being atop modern trends, expanding its scope of business and building a stronger market along the *Belt and Road*.

CHAIRMAN'S MESSAGE

Universal Energy was established in the context of China's *Belt and Road Initiative* and the *Global Emissions Reduction Initiative*. The founding team combines expertise in energy, investment, international communications, engineering, operations and other fields. Its original aspiration has been that the international community is guided to not be dependent on non-renewable, highly polluting conventional energy sources through investing in safe, reliable, clean, sustainable and green energy, and that it provides diversified solutions to solve regional power shortages, contributes to the fundamental transformation of energy production and consumption, and creates value for the establishment of a society with ecological civilization.

Even in the uncertain global economic context, Universal Energy can always understand the future trend of the market, and adhere to a development mode of stable progress by integrating the advantages in capital, technologies and human resources.

Universal Energy holds a business philosophy of global coverage, world leader, green development, eco-friendliness, robust operation, human centric, win-win cooperation and mutual benefit. With its advantages in human resources, mechanism, cost, financing and risk management, the company has successively expanded its business in Central Asian countries including Kazakhstan and Southeast Asia, and has established subsidiaries in Zhejiang, Henan and Hebei. So far, the capacity of grid-connected power stations and those under construction exceeds 700 MW, and the installed capacity put into operation is expected to reach 2 GW in the next three years.

Mr. Nan Yi
Chairman and CEO, Universal Energy

As an enterprise respecting corporate social responsibility, Universal Energy has always fulfilled its social responsibilities. In overseas countries, Universal Energy adds local tax revenue, drives employment, promotes regional economic development, participates in the construction of cities and communities, and promotes government-citizen communication through investment and construction of new energy power stations. In China, the company supports the cause of *poverty reduction through photovoltaic industry* and serves the overall development of the country. It initiates charitable activities such as helping the elderly financially, participating in Guangcai Program in Western China and setting up scholarships for poor students to contribute to social welfare. The company's corporate culture hinged on two elements: law-abiding practices and regularized business operations. By acting on these practices, the company has been able to improve corporate management and control business risks, contributing to building a stable & harmonious society in a meaningful way.

Looking globally, Universal Energy seeks to establish and maintain close, friendly and long-term interactive relationships with governments, shareholders, partners and customers in order to achieve a win-win and sharing dynamic. As a young business with ambition, vigor and strength, we earnestly look forward to joining hands with talent around the globe, and start an extraordinary journey to develop green power for humanity and the planet.

ABOUT US

We are based in Shanghai and are doing business all over the world. We are committed to benefiting the mankind across the world with affordable, reliable and sustainable green energy.

Universal Energy's operation intimately focuses on wind power, photovoltaics, power transmission and distribution. We also driving innovation during our investment, construction and operations to promote continuous growth of our core business.

Qualification and Certification:

- ISO 37001 Anti-bribery Management System
- ISO 9001 and GB/T19001 Quality Management System
- ISO 14001 and GB/T24001 Environmental Management System
- ISO 45001 Occupational Health and Safety System
- GB/T50430 Code for Quality Management of Engineering Construction Enterprises
- Grade-III Qualification in General Contracting of Power Engineering Construction
- Grade-B in Engineering Design of Power Industry

Honors:

- 2018 Award on Corporate Social Responsibilities of Chinese Enterprise's Overseas Investment
- 2019 Award on National Excellent Engineering Design

2015
Founded

US$215MM
Registered Capital

US$286MM
Total Assets

US$215MM
Credit Line

US$2MM
Charity Donation

170
Incumbent Employees

* The exchange rate of USD over CNY: 7.00

Grid-connected Projects 340MW

Projects under Construction 350MW

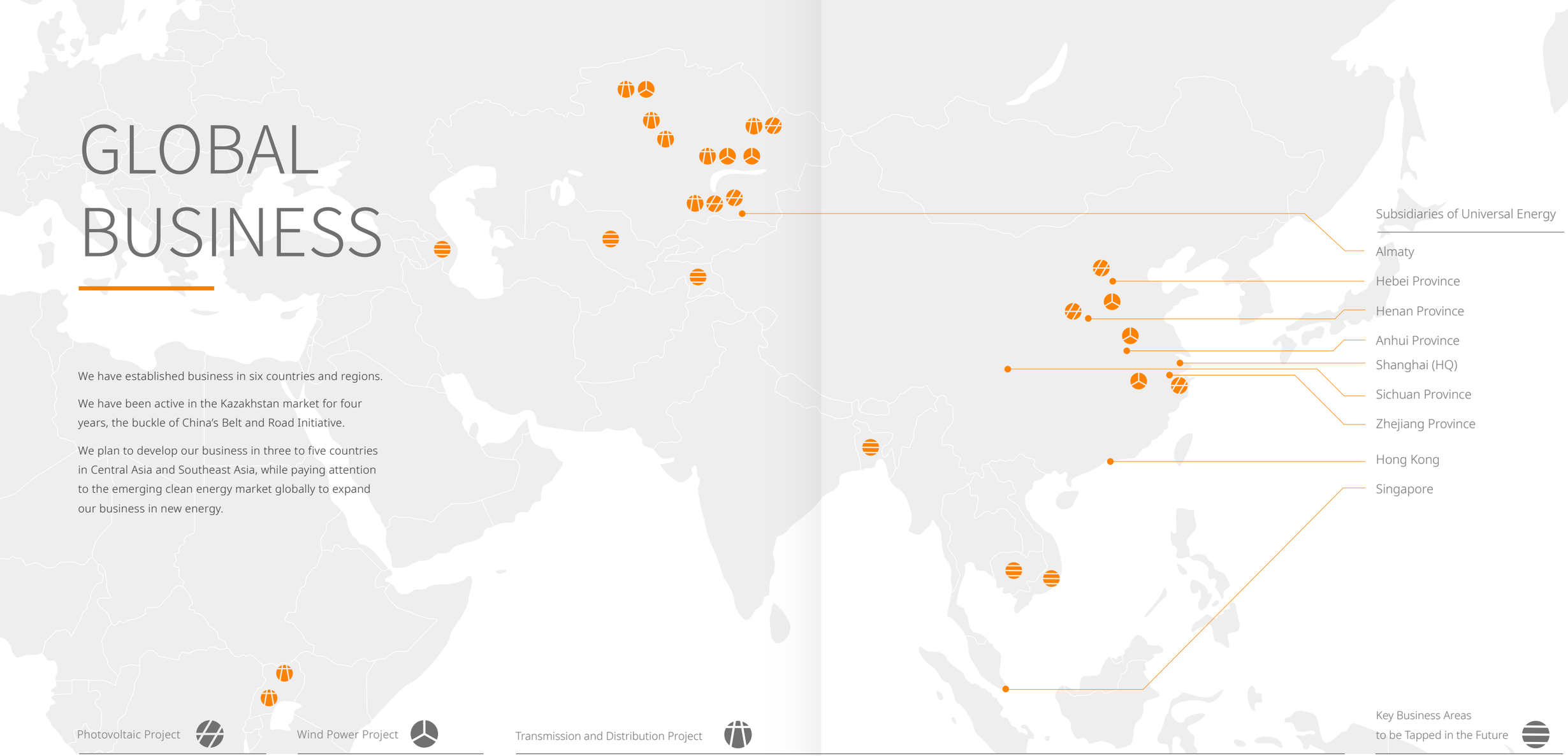
Reserved Projects 900MW

GLOBAL BUSINESS

We have established business in six countries and regions.

We have been active in the Kazakhstan market for four years, the buckle of China's Belt and Road Initiative.

We plan to develop our business in three to five countries in Central Asia and Southeast Asia, while paying attention to the emerging clean energy market globally to expand our business in new energy.



Photovoltaic Project

- Kapshagay 100 MWp Photovoltaic Power Station in Kazakhstan
- Zhangiz 30 MWp Photovoltaic Power Station in Kazakhstan
- Kaskelen 50 MWp Photovoltaic Power Station in Kazakhstan
- 35 MWp Photovoltaic Power Station in Lingshou, Hebei (Phase I)
- 19.95 MWp Photovoltaic Power Station in Jiyuan, Henan
- 120 MWp Distributed Photovoltaic Power Station in Zhejiang

Wind Power Project

- Ybyrai 50MW Wind Power Project in Kazakhstan
- Aktogay 100 MW Wind Power Project in Kazakhstan
- Aktogay 50 MW Wind Power Project in Kazakhstan
- 50 MW Wind Power Project in Baixiang, Hebei
- 50 MW Wind Power Project in Xiuning, Anhui
- 30 MW Wind Power Project in Bengbu, Anhui

Transmission and Distribution Project

- Kapshagay 220 kV Substation in Kazakhstan
- Renovation of Kapshagay 220 kV Substation in a Hydropower Station in Kazakhstan
- Kapshagay 220 kV Transmission Line in Kazakhstan
- Zhangiz 110 kV Substation in Kazakhstan
- Zhangiz 110 kV Line in Kazakhstan
- Renovation of the No. 28 Substation in East Kazakhstan
- Kaskelen 220 kV Substation in Kazakhstan
- Kaskelen 220 kV Transmission Line in Kazakhstan
- 400 kV Karuma Substation
- Renovation of Ama 500 kV Substation in Almaty
- Ybyrai 110 kV Substation in Kazakhstan
- Ybyrai 110 kV Transmission Line in Kazakhstan
- Renovation of a Substation in Zarechnyi, Kustanay
- Abay 220 kV Substation in Kazakhstan
- Abay 220 kV Transmission Line in Kazakhstan
- Renovation of Aktogay 500 kV Substation in Kazakhstan
- Renovation of a 400 kV Kawanda Substation

Key Business Areas to be Tapped in the Future

- Azerbaijan
- Uzbekistan
- Tajikistan
- Bangladesh
- Vietnam
- Cambodia

ADVANTAGES

We combine internal and external core competitiveness to support our robust and rapid development.

Cost Control Goes Through an Entire Process to Minimize the Cost of Electricity

The company gives full play to the cost control advantages of its engineering, procurement and construction (EPC) subsidiaries and the R&D advantages of the design institute, and controls the core process in the EPC to realize advantages of high decision-making efficiency, low construction costs, high power generation efficiency, low operating costs, high construction speed and low financing costs.

Early Stage

Advantage of Institute R&D

We cooperate with global universities for the rational optimization of power station solutions

Intermediate Stage

Strict Selection of Suppliers

We work with top equipment suppliers to ensure project quality and progress.

Late Stage

Strict Process Control

Project progress is under strict control to ensure on-time delivery of project milestones.

Highly-efficient Service Feedback

Flat management enables us to provide quick and timely responses to our clients.

Flexible Mechanism for Highly Efficient Access to Resources

High-quality sunlight and wind resources are crucial for new energy projects. We take full advantage of flexible cooperation methods and efficient decision-making mechanisms to provide access to more high-quality project resources.

Reliable Financial Support with Advantageous Financing

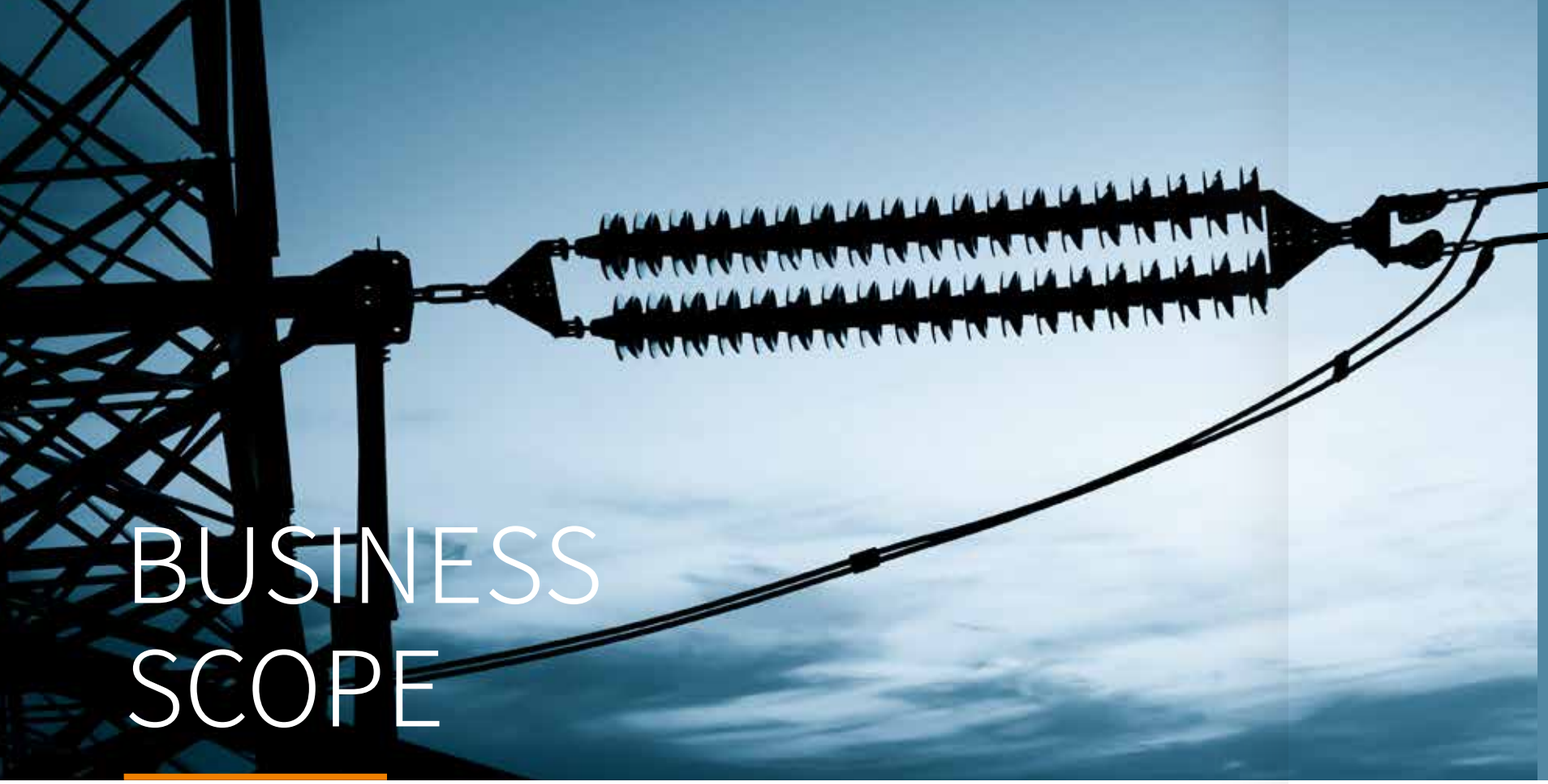
We successfully broke through the financing bottleneck in the start-up period, and successively obtained loan support from financial institutions such as the European Bank for Reconstruction and Development (EBRD), the Development Bank of Kazakhstan (DBK), the Agricultural Development Bank of China, and the Industrial Bank. We also actively cooperated with the Asian Infrastructure Investment Bank (AIIB) and many large commercial banks in China to reduce the financing risk of banks by increasing capital proportions.

A Professional Team Leading the Industry Trend

We have always adhered to a *human-centric* business philosophy and assembled a highly qualified team. The average age of the team is 32 years old, with 81% possessing a bachelor's degree or higher. The backbone team members have graduated from prestigious universities at home and abroad, such as Oxford University, Chicago University, Tsinghua University and Peking University. The engineering teams have obtained more than 6 years' experience in new energy power station, and have undertaken more than 120 large-scale new energy projects at home and abroad.

Robust Operation and Complete Risk Control System

We hedge the risk of exchange rate fluctuations through local currency financing, and avoid overseas investment risks through CITIC Insurance. We have obtained certifications including ISO9001 quality management system, ISO14001 environmental management system, and ISO45001 occupational health and safety system. We led the industry in passing the ISO37001 anti-bribery management system certification to ensure business operation in compliance with regulations, risk prevention, and corporate stability.



BUSINESS SCOPE

PHOTOVOLTAIC POWER STATION

- Ground-mounted photovoltaic power station
- Industrial and commercial photovoltaic power station

WIND POWER STATION

- Wind power station in plain areas
- Wind power station in mountainous areas

TRANSMISSION AND DISTRIBUTION

- 35kV-220kV

INVESTMENT AND DEVELOPMENT

Based on the principle of *win-win cooperation and risk sharing*, we are looking for partners worldwide to invest in the development of high-quality photovoltaic, wind power, transmission and distribution projects.

Total Investment

US$ 286 mm

Total Investment in Next Three Years

US$ 2000 mm

Capacity of Our Current Power Stations

700 MW

Capacity of our Power Stations in Next Three Years

2000 MW

ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC)

UNIBLU Engineering and Contracting Co., Ltd. and Xuhui Design Institute in association with Universal Energy provide planning, design, engineering construction, operation and maintenance and other full-life cycle services for global photovoltaic, wind power, transmission and distribution projects.

Planning & Engineering

Planning/ Feasibility Study/ Engineering

- Macro and micro site selection
- Precise assessment of wind and photovoltaic power station
- Power station design

Engineering & Construction

Bidding/ Construction/ Grid Connection

- Progress control
- Cost management
- Quality and safety management
- Engineering, Procurement and Construction (EPC)
- Fill-up capital construction

Operation & Maintenance

Full-life Cycle Operation and Maintenance

- Repair and maintenance
- Spare parts
- Operation & management
- Assets management
- Equipment optimization

BEST PRACTICES

Ground-mounted Photovoltaic Power Station

100 MWP Photovoltaic Power Station in Kazakhstan

• China-Kazakhstan Industrial and Investment Project

• The Largest Individual Photovoltaic Power Project in the Locality

Kapshagay, Almaty

Grid Connection in September 2019

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Project Site Area:	270 hectares
Investment:	US$ 73 million
Power Generation:	140 million kWh/year
Carbon Emission Reduction:	144,000 tons/year

Ground-mounted Photovoltaic Power Station

35 MWp Photovoltaic Power Station in Hebei Province

• Case of Targeted Poverty Reduction

• Helping 1,168 poor households improve their livelihood

Lingshou County, Hebei Province

Grid Connection in December 2018

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Project Site Area:	123.5 hectares
Investment:	US$ 23 mm
Power Generation:	44.26 million kWh/year
Carbon Emission Reduction:	44,000 tons/year

Industrial and Commercial Photovoltaic Power Station

5.99 MWp Roof-distributed Photovoltaic Power Station in Zhejiang Province

• One of top 10 innovative cases of distributed photovoltaic power stations in Hangzhou in 2018

• Perfect integration between photovoltaic power and construction, balancing aesthetics and practicability

Grid Connection in July 2017

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Power Generation within 25 Years:	17,729 kWh
Carbon Emission Reduction:	7,069 tons/year

Wind Power Station in Plain Areas

100MW Wind Power Station (Phase I) in Kazakhstan

• **China-Kazakhstan Industrial and Investment Projects**

East Kazakhstan

Under construction and expected to be connected to the grid by December 2021

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Investment:	US$ 108 million (est.)
Power Generation:	350 million kWh/year (est.)
Carbon Emission Reduction:	290,000 tons (est.)

Wind Power Station in Plain Areas

50 MW Wind Power Station in Hebei Province

• **The 140-meter high tower was lifted by the world's maximum tonnage crane.**

Grid Connection in July 2019

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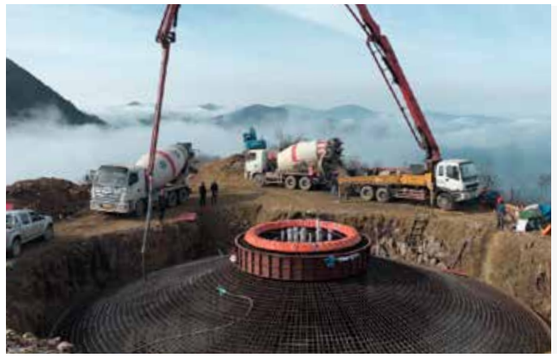
Power Generation: 120 million kWh/year

Carbon Emission Reduction: 120,000 tons/year



Wind Power Station in Mountainous Areas

50 MW Wind Power Station in Anhui Province

• **The wind power station will be located on a mountain over 1,200 meters above sea level.**

Xiuning County, Anhui Province

Under construction

Transmission and Distribution

110 kV Substation in Kazakhstan

• Project in extremely frigid environment

INTERNATIONAL COOPERATION

2017.1.1

Chairman Nan Yi paid a visit to His Highness Sheikh Ahmed Dalmook Al Maktoum (right) in the Emirate of Dubai.

2017.5.14

In Beijing, Chairman Nan Yi met Askar Mamin (right), First Deputy Prime Minister of the Republic of Kazakhstan, who came to China to attend the *Belt and Road Forum for International Cooperation*.

2019.6.25

Srgjan Kerim (2nd from left), former President of the General Assembly and former Foreign Minister of Macedonia, paid a visit to Universal Energy.

2018.3.27

Mr. Mosener (right), Chairman of South African Black Chamber of Commerce, paid a visit to Universal Energy.

2019.4.26

Chairman Nan Yi and Nandita Parshad (right), Director and General Manager of the Sustainable Infrastructure Group of the European Bank for Reconstruction and Development signed a financing agreement.

2019.9.3

Zhenis Kasymbek (middle), Deputy Prime Minister of Kazakhstan, and Amandyk Batalov (2nd from left), Governor of Almaty, attended the grid-connection ceremony of a 100 MWp photovoltaic power station in Kapshagay.

2019.9.11

Chairman Nan Yi was invited to attend the sixth meeting of the *China-Kazakhstan Entrepreneurs Committee and the President's Roundtable*, which was one of the supporting activities during the first visit of Kazakhstan's President Tokayev (middle) to China after taking office.

MILESTONES

2015

11.05

Universal Energy Co., Ltd. was registered and founded in Shanghai.

Enerverse Kunkuat LLP, a joint venture in Almaty, was founded.

11.29

2016

11.17

Universal Energy (Zhejiang) was set up, marking the entry of Universal Energy into distributed photovoltaic power market.

A 100 MWp photovoltaic power station in Kapshagay was connected to the grid and a grand opening ceremony was held. At the ceremony, the project company donated KZT 250 million (approx. CNY 4.5 million) to the government of Kapshagay for local public welfare.

09.03

UNIBLU and Xuhui Design Institute passed four major mana- gement certifications including ISO 9001, GB/T50430, ISO 14001 and ISO 45001.

04.20

10.02

Universal Energy and UNIBLU obtained the certification of ISO 37001 Anti-bribery Management Systems.

08.16

Universal Energy's 30 MWp photovoltaic power station in Zhangiztobe connected to the grid and put into operation. It is the first power station of Universal Energy in Kazakhstan.

2017

Universal Energy signed Letter of Intent for strategic investment in Kazakhstan, marking its official entry into the new energy market in Kazakhstan.

06.08

Universal Energy obtained the first overseas financing from the Deve- lopment Bank of Kazakhstan, and became one of the first Chinese energy investors to obtain policy financing from the financial institu- tion; in June of the same year, Universal Energy received another financing support without recourse from the bank.

03.06

08.31

Kazakhstan's 100 MWp photovol- taic power station project had been included in the *Main List of China-Kazakhstan Industrial and Investment Projects*. (Currently, the 6 projects of Universal Energy in Kazakhstan have all been included in the list, accounting for 10% of the list's total.)

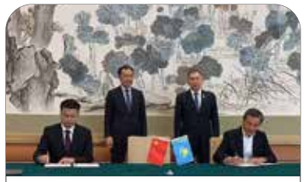
UNIBLU merged with a design Grade-B institute and renamed it Sichuan Xuhui Design Institute.

01.02

2018

UNIBLU Engineering and Contra- cting Co., Ltd was registered and founded.

01.26



Chairman Nan Yi was invited to attend the *15th China-Kazakhstan Capacity and Investment Coope- ration Dialogue* and signed a 100 MW wind power project invest- ment and EPC agreement.

11.22

2019

12.15

Universal Energy's first photovoltaic poverty alleviation project in Lingshou County, Hebei Province, was connected to the grid and started to generate electricity.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

Low Carbon Emissions and Environment Protection

We make use of our expertise in the field of new energy. We are increasing the use of clean energy and reducing greenhouse gas emissions through the construction and operation of photovoltaic and wind power stations, promoting a fundamental energy revolution and directly contributing to environment sustainability.

486 million kWh/year green electricity

233,000 households electricity supply

480 kilo-tons/year carbon emission reduction

Poverty Reduction via Photovoltaic Industry

We actively implemented the national poverty alleviation program through photovoltaic power generation and invested in and built a 35 MWp photovoltaic poverty alleviation power station in Lingshou County, Hebei Province. The station was connected to the grid at the end of the year. By paying poverty alleviation funds and renting villagers' land, we provided a benefit to the local poor rural households.

1,168 households poverty reduction assistance

70 million CNY for poverty reduction (in 20 years)

42 million CNY for land rental (25 years)

120 million CNY for tax

People Connected

We advocate *share, co-build, and win-win.* We develop overseas power stations by adopting joint ventures and designs between Chinese and foreign resources, and local team building. We learn from our local partners in order to grow together, while creating more jobs opportunities and tax revenue. We also donate funds to the governments where our power stations projects are located to contribute to urban development.

250 million KZT donation on local welfare

Social Public Welfare

We care about disadvantaged groups, care for the harmony and stability of society. In practice, we initiate and participate in charity donations such as helping the elderly financially, participating in Guangcai Program in Western China and setting up scholarships for poor students. A fund of over CNY 2 million in total has been allocated for the purposes of promoting social welfare.

2 million CNY donation on charity

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