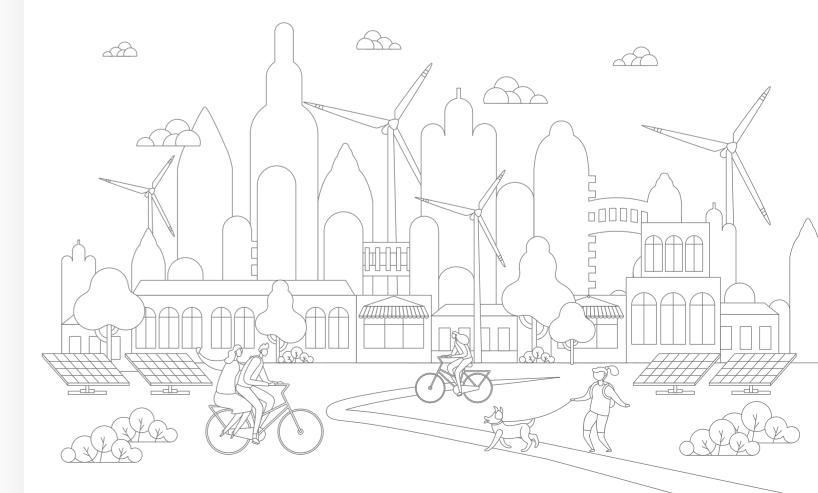
www.universalenergy.com



## POWERING THE GLOBE WITH GREEN ENERGY

绿色能源

2021



寰泰能源股份有限公司 Universal Energy Co., Ltd.

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# MISSION & VISION

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

# UNIVERSAL Global Leader



Global Coverage & World Leader Green Development & Eco-friendliness **Robust Operation & Human Centric** Win-win Cooperation & Mutual Benefit

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# THE BELT & ROAD

As of 2020, 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

expanding its scope of business and building a stronger market along the



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 gridconnected 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.



мг. Nan Yi Chairman & CEO, Universal Energy

# HAIRMAN'S MESSAGE

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.

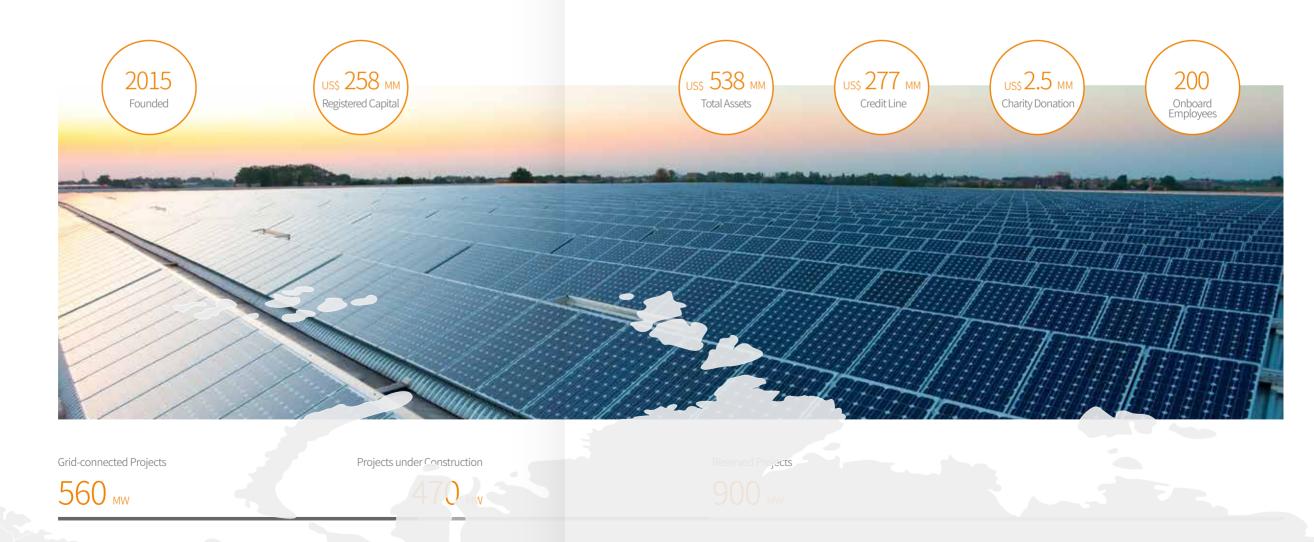
# ABOUT US

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
- Level 4 Installation, Level 4 Repair, and Level 4 Test
   Qualification
- High-tech Enterprise in Sichuan Province





### Honors:

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

### Chairman's Personal Honor

- The First Batch of Leading Young Entrepreneurs in Shanghai
- G60 High-Tech Corridor Entrepreneurial Young Talents in the Yangtze River Delta
- The Most Beautiful United Front Man" in Songjiang District, Shanghai

Powering the Globe with Green Energy  $\,^0$ 

# GLOBAL BUSINESS

We have established business in six countries and regions.

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

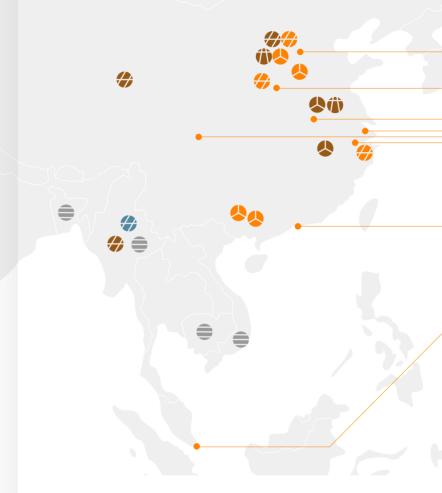
We plan to develop our business in three to five countries in Central Asia, Southeast Asia and Balkans, while paying attention to the emerging clean energy market globally to expand our business in new energy.

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Solar Power Plant (SPP)

- Kapshagay 100 MWp SPP in Kazakhstan
- Zhangiz 30 MWp SPP in Kazakhstan
- Kaskelen 50 MWp SPP in Kazakhstan
- 30 MWp SPP in Myanmar
- 20 MWp SPP in Myanmar
- 35 MWp SPP in Lingshou, Hebei (Phase I)
- 40 MWp SPP in Lingshou, Hebei (Phase II)
- 19.95 MWp SPP in Jiyuan, Henan
- 102 MWp Distributed SPP in Zhejiang
- 30kW Photovoltaic Energy Storage System in Qinghai

### Wind Power Plant (WPP)

- Ybyrai 50MW WPP in Kazakhstan • Aktogay 100 MW WPP in Kazakhstan
- Aktogay 50 MW WPP in Kazakhstan
- 50 MW WPP in Baixiang, Hebei
- 50 MW WPP in Xiuning, Anhui
- 30 MW WPP in Bengbu, Anhui
- 100 MW WPP in Du'an, Guangxi
- 200 MW WPP in Binyang, Guangxi

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
- 35 kV Substation in Bengbu, Anhui • Renovation of 100 kV Sugang Substation in Bengbu, Anhui • 35 kV Substation in Lingshou, Hebei
- (Phase II)
- 35 kV Transmission Line in Lingshou, Hebei (Phase II) Renovation of 220 kV Substation in
- Lingshou,Hebei(Phase II)

### Subsidiaries of Universal Energy

- Almaty
- Hebei Province
- Henan Province
- Anhui Province
- Shanghai (HQ)
- Sichuan Province
- Zhejiang Province
- Hong Kong
- Singapore

EPC Project Investment Project EPC+Investment Project

> Key Business Areas to be Tapped in the Future



- Myanmar
- Vietnam
- Bangladesh
- Cambodia
- Balkans
- Uzbekistan
- Tajikistan

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 —

08 Universal Energy

#### Advantage of Institute R&D

We cooperate with global universities for the rational optimization of power station quality and progress. solutions

Strict Selection of Suppliers We work with top equipment Project progress is under suppliers to ensure project

Intermediate Stage

## Strict Process Control strict control to ensure on-time delivery of project milestones.

Late Stage

Highly-efficient Service Feedback Flat management enables us

-( •

to provide quick and timely responses to our clients.



### 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.





We have always adhered to a *human-centric* business philosophy and assembled a highly gualified team. The average age of the team is 33 years old, with 85% 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





### Flexible Mechanism for Highly Efficient Access to Resources

High-guality 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.

### A Professional Team Leading the Industry Trend

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.

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SOLAR POWER PLANT • Ground-mounted solar power plant • Industrial and commercial solar power plant

## **INVESTMENT AND** DEVELOPMENT

BUSINESS SCOPE

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

538 <sup>US\$</sup> MM

Investment Capacity 1030 MW

Total Investment in Next Three Years

2.3 US\$ BLN

Capacity of our Power Stations in Next Three Years



## ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC)

Planning & Engineering Planning/ Feasibility Study/

Engineering

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

Construction (EPC)

Grid Connection

• Fill-up capital construction



WIND POWER PLANT • Wind power plant in plain areas

• Wind power plant in mountainous areas



AND DISTRIBUTION • 35kV-220kV

UNIBLU Engineering and Contracting Co., Ltd. and Sichuan Huantai Power Engineering Design Co., Ltd. provide planning, design, engineering construction, operation and maintenance and other full-life cycle services for global photovoltaic, wind power, transmission and distribution projects.

#### Engineering & Construction

Bidding/ Construction/

- Progress control
- Cost management
- Quality and safety management
- Engineering, Procurement and

#### Operation & Maintenance

Full-life Cycle Operation and Maintenance

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

## BEST OVERSEAS PRACTICES

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• Extremely Cold Environment

Grid Connection in August 2019

Power Generation: 36 million kWh/year Carbon Emission Reduction: 27,100 tons/year



Ground-mounted Solar Power Plant

## 100 MWp Solar Power Plant in Kapshagay, Kazakhstan

- Key project of China-Kazakhstan Capacity and Investment Cooperation
- The Largest Individual Photovoltaic Power Project in the Locality
- Grid Connection in September 2019

Power Generation: 155 million kWh/year Carbon Emission Reduction: 156,000 tons/year



Wind Power Station in Plain Areas

## Aktogay 100 MW Wind Power Plant in Kazakhstan

- Key Projects of China-Kazakhstan Capacity and Investment Cooperation
- Extremely Cold Environment

Under Construction

Power Generation: 350 million kWh/year Carbon Emission Reduction: 350,000 tons/year



Centralized Ground-mounted Solar Power Plant

## Kaskelen 50 MWp Solar Power Plant in Kazakhstan

- Key Projects of China-Kazakhstan Capacity and Investment Cooperation
- The First Local Photovoltaic Power Station that Connected to the Grid under the Epidemic Situation

Grid Connection in June 2020

Power Generation: 78.5 million kWh/year Carbon Emission Reduction: 79,000 tons/year



Wind Power Station in Plain Areas Aktogay 50 MW Wind Power Plant in Kazakhstan

- Key Projects of China-Kazakhstan Capacity and Investment Cooperation
- Extremely Cold Environment
- Under Construction

Power Generation: 170 million kWh/year Carbon Emission Reduction: 170,000 tons/year



Wind Power Plant in Plain Areas

## Ybyrai 50 MW Wind Power Plant in Kazakhstan

- Key Projects of China-Kazakhstan Capacity and Investment Cooperation
  Extremely Cold Environment
- Grid Connection in 2021

Power Generation: 190 million kWh/year Carbon Emission Reduction: 191,000 tons/year



Centralized Ground-mounted Solar Power Plant 30 MWp Solar Power Plant in Myanmar



Transmission and Distribution Kapshagay 220 kV Substation in Kazakhstan



Transmission and Distribution Kaskelen 220 kV Substation in Kazakhstan



# BEST DOMESTIC PRACTICES

Wind Power Plant in Plain Areas 50 MW Wind Power Plant in Hebei Province

 The 140-meter high tower was lifted by the world's maximum tonnage crane.
 Grid Connection in May 2019

Power Generation: 120 million kWh/year Carbon Emission Reduction: 120,000 tons/year



Centralized Ground-mounted Solar Power Plant 35 MWp Solar Power Plant in Hebei Province

• Case of targeted poverty reduction

• Helping 1,168 poor households improve their livelihood

Grid Connection in December 2018

Power Generation: 49 million kWh/year Carbon Emission Reduction: 49,000 tons/year



Solar Power Plant in Mountainous Areas

## 40 MWp Solar Power Plant in Hebei Province

Complex mountainous terrain

• The elevation angle of the steepest part of the mountain reaches 60 degrees Grid Connection in June 2020

Power Generation: 62.935 million kWh/year Carbon Emission Reduction: 63,000 tons/year



Solar Power Plant in Mountainous Areas

## 19.95 MWp Solar Power Plant in Jiyuan, Henan Province

• Clean Energy Power Station on the Industrial Tourism Belt around Taihang Mountain Grid Connection in May 2019

Power Generation: 22 million kWh/year Carbon Emission Reduction: 22,000 tons/year



Wind Power Plant in Mountainous Areas

## 50 MW Wind Power Plant in South Anhui Province

• Wind Power Station on a Mountain with an Altitude of more than 1200 Meters Grid Connection in November 2020

Power Generation: 125 million kWh/year Carbon Emission Reduction: 125,000 tons/year



## High-Altitude Photovoltaic Energy Storage 30kW Off-Grid Photovoltaic Energy Storage System in Qinghai Province

- Located in the hinterland of the Qinghai-Tibet Plateau at an altitude of 4540 meters
- Provide green power to the Yangtze River Source Water Ecological Environmental Protection Station. Grid Connection in May 2020

Wind Power Plant in Plain and Hilly Areas

## 30 MW Wind Power Plant in North Anhui Province

• Wind Power Project with two Landforms in Plain and Hilly Areas

Grid Connection in November 2020 Power Generation: 64.5 million kWh/year Carbon Emission Reduction: 65,000 tons/year





Rooftop-distributed Solar Power Plant

## 102 MWp Rooftop-distributed Solar Power Plant in Zhejiang Province

Power Sations: 59

Location: Hangzhou, Wenzhou, Jiaxing, Taizhou, Jinhua etc. Power Generation in 2019: 98.06 million kWh

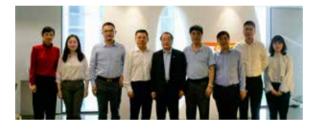
# LEADERS' CARE



2020.3.5

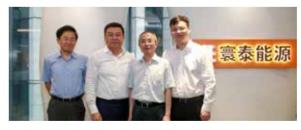
Dong Yunhu, Chairman of the Shanghai CPPCC, visited and investigated

Left Message to Universal Energy: Takes root in Shanghai, builds Shanghai, develops Shanghai, and serves Shanghai



#### 2019.6.21

Chang Zhaohua, Vice Chairman of the All-China Federation of Industry and Commerce, visited and investigated Affirmed the development experience of UE having played a demonstrating role for private enterprises *going global* 



### 2020.8.4

Shou Ziqi, Chairman of Shanghai Federation of Industry and Commerce, visited and investigated

Encouraged Universal Energy to inherit the patriotic spirits, unite and drive young entrepreneurs taking root in the motherland and operating with integrity, and closely integrating corporate development with national prosperity and national rejuvenation.



2019.9.22

Chairman Li Zhanshu and Kazakhstan Prime Minister Ma Ming held talks at AIFC

Nan Yi attended as a representative of Chinese enterprises



### 2019.5.15

Vice Premier Han Zheng attended the 2nd China-Kazakhstan Local Cooperation Forum in Kazakhstan

Nan Yi attended the forum as one of the representatives of Chinese enterprises



#### 2019.10.25

Li Qiang, Secretary of Shanghai Municipal Party Committee, presided over the forum on innovation and entrepreneurship of young talents

Nan Yi attended as a representative of young entrepreneurs



2019.9.28

Li Chao, Vice Chairman of the China Securities Regulatory Commission, investigated 100MWp photovoltaic power station in Kazakhstan

Affirmed the investment achievements of Universal Energy in Kazakhstan and encouraged the company to make greater contributions in the construction of the *Belt and Road* 



2020.10.14

Huang Rong, Vice Chairman of the All-China Federation of Industry and Commerce, visited and investigated Encouraged our company to create conditions for the germination of creational ideas



#### 2020.7.9

Jin Xingming, Vice Chairman of Shanghai CPPCC, visited and investigated

Commended company's rapid development and recognized its future success



#### 2020.3.6

Shi Dengding, Vice Chairman of Shanghai Federation of Industry and Commerce, visited and investigated Commented the company's development with three words: *live, fast, stable* 

## 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.

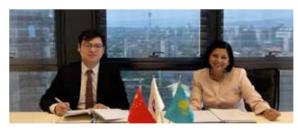


#### 2017.5.14

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*.



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.



#### 2019.6.25

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



#### 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

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



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

## 2017

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



**08.31**, Kazakhstan's 100 MWp photovoltaic 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.)

## **2019**

- 01.02, Uniblu acquired a Class-B qualification design institute and named it as Sichuan Huantai Power Engineering Design Co., Ltd. At present, this design institute has been recognized as a High-tech Enterprise in Sichuan Province.
  - **03.06**, UE obtained the first overseas financing from the Development Bank of Kazakhstan, and became one of the first Chinese energy investors to obtain policy financing from the financial institution; in June of the same year, Universal Energy received another financing support without recourse from the bank.



## 2016

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



## 2018

- **01.26**, Uniblu Engineering and Contracting Co., Ltd. was registered and founded.
- 11.22, Chairman Nan Yi was invited to attend the 15th China-Kazakhstan Capacity and Investment Cooperation Dialogue and signed a 100 MW wind power project investment and EPC agreement.



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

- **04.20**, Uniblu and Xuhui Design Institute passed four major management certifications including ISO 9001, GB/T50430, ISO 14001 and ISO 45001.
- May, UE's first dometic WPP, 50MW
   WPP in Baixiang connected to the grid and put into operation.



## **2019**

- O8.16, 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.
- 09.03, At the Opening Ceremony of Kapshagay 100MWp photovoltaic power station, our company donated 250 million Tenge (about 4.5 million RMB) to Kapshagay government for local public welfare.



 12.16, Nan Yi was invited to attend 2019 diplomats and private entrepreneurs exchange activities in the Yangtze River Delta and delivered a speech.



 (a) becoming the inserticeal photovoltaic power project that connected to the grid during the epidemic.
 (b) 10.06, As one of the successful bidders of Myanmar 1GW photovoltaic projects, Universal Energy signed a 20-year PPA agreement with Myanmar EPGE.



• 03.16, Universal Energy Branch of Communist Party of China was

2020

established.

by road.

• 04.23, Universal Energy, together with other Chinese enterprises, transported the first batch of wind turbine equipment under the epidemic situation to Kazakhstan

• 06.05, The Yangtze River Delta Entrepreneurs Alliance was established. Nan Yi attended the meeting and became the first group of directors of the alliance.



 06.26, The Kaskelen 50MWp photovoltaic power station in Kazakhstan was connected to the grid, becoming the first local photovoltaic power project that connected to the grid during the

## **2020**

• 11.16, Uniblu has obtained the Fourth-level Installation, the Fourth-level Repair, and the Fourth-level Test Qualification.

 11.27, During the 17th China-ASEAN Expo, Universal Energy signed the Binyang 200MW wind power project investment agreement that marking Guangxi as a base for UE to further push the development of the new energy industry.

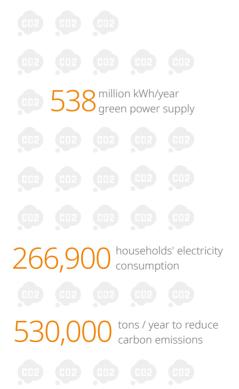


# CORPORATE SOCIAL RES-PONSIBILITY



### 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.



## 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.

## 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 job opportunities and tax revenue. We also donate funds to the governments where our power station projects are located to contribute to urban development.

1,168 households poverty reduction assistance 70 million CNY for poverty reduction (in 20 years) 42 million CNY for land rental (25 years) 42 120 million CNY

### Social Public Welfare

We care about disadvantaged groups, for the harmony and stability of the society. And we initiated and participated in philanthropic activities such as helping the elderly with donations, participating in Guangcai Program in Western China, setting up scholarships for the poor students, making donations to fight the epidemic and for poverty alleviation.

250 million KZT donation on local welfare

3<sup>+</sup> million CNY for poverty alleviation in education

1.8<sup>+</sup> million CNY donation for fighting epidemic

