

Universal Energy Co., Ltd.

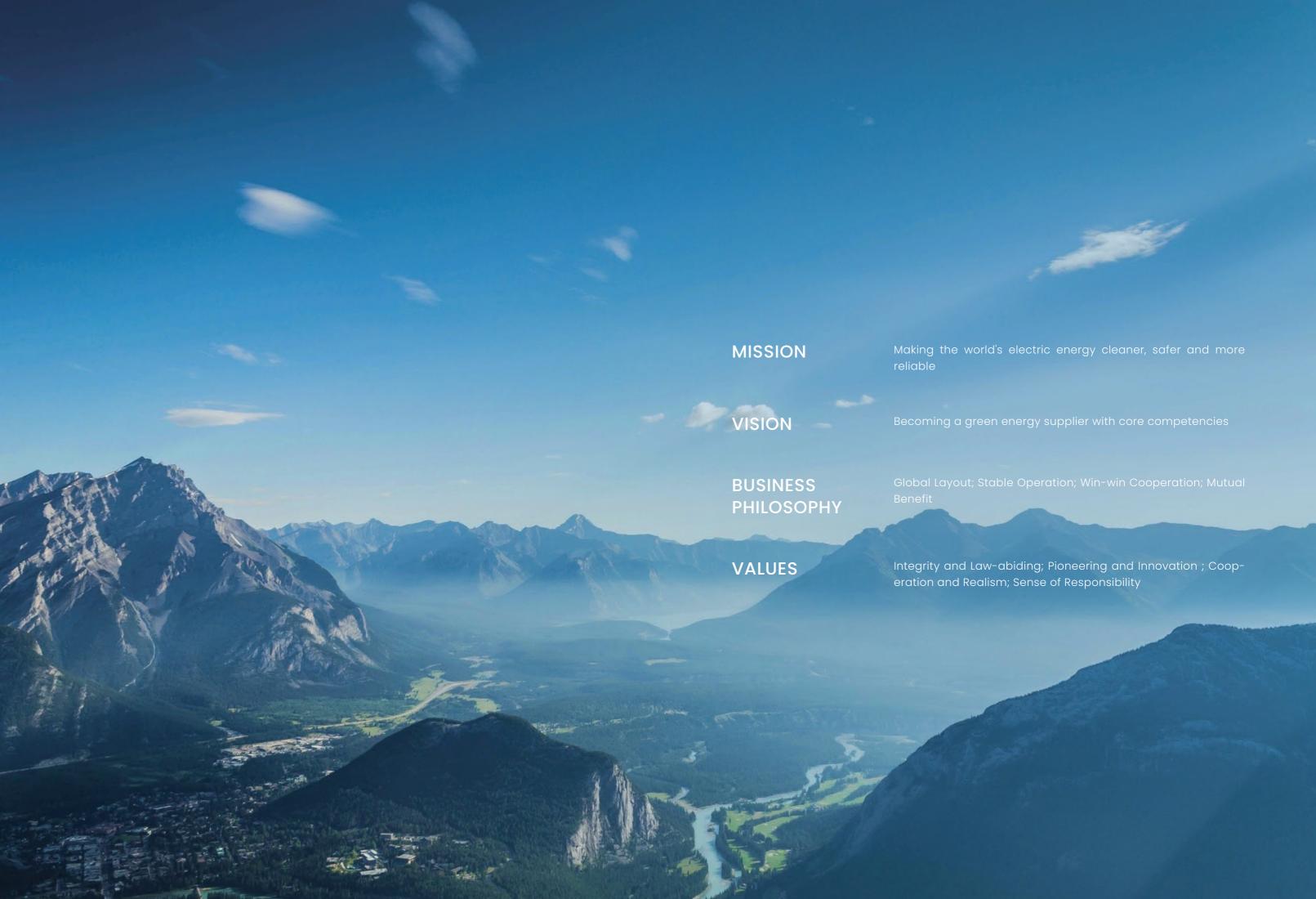
Contact for cooperation: marketing@universalenergy.com T:0086 (21) - 63597777



GREEN ENERGY IS UNIVERSAL

AUGUST 2024





CONTENTS

UT	Chairman's Message
03	About Us
05	Global Presence

07	Qualification & Certification
09	Renewable Energy Power Plants
18	Distributed Power Plants

25	EPC General Contract	41	Our Partners
34	Energy Storage Power Plants	43	Milestones
37	Social Activities	45	Social Responsibilities





CHAIRMAN PROFILE

- Graduated from Oxford University
- Vice President of China Overseas Development Association
- Vice President of Shanghai Chamber of International Commerce & World Trade Center Association Shanghai
- Executive President of China International Chamber of Commerce for the Private Sector

CHAIRMAN'S MESSAGE

Universal Energy was founded in the background of China's "Belt and Road" initiative and the global emission reduction initiative, committed to making global electric energy cleaner, safer and more reliable.

Over the past nine years, we have been promoting business growth in renewable energy and actively participating in global initiatives for green and low-carbon development. We practice "consultation, co-construction, and sharing", deepen cooperation in green energy, and help promote high-quality economic development. By means of practical actions, we strive to bring benefits to the people in the countries where we invest, and promote people-to-people bond.

In future, we will increase investment in clean energy, promote more "small and beautiful" projects to be built, and strive to be a promoter of cooperation, a communicator of culture, and a contributor of friendship. We will work together with all our partners to ensure that green and low-carbon achievements benefit more countries, regions, and users. And we will continue to contribute to the sustainable development of the earth and humanity.

Nan Yi

Founder and Chairman, Universal Energy



ABOUT US

Based in Shanghai and facing the world, Universal Energy focuses on renewable energy such as wind power, solar power, energy storage, and power transmission & distribution, committed to making global power energy cleaner, safer, and more reliable.



Total Capacity 2.65 GW (Projects connected to the grid, built and to be built)



Key Projects of China-Kazakhstan Capacity and Investment Cooperation



8 Projects with 530 MW



Total Investment US\$ 660 million



Carbon Emission Reduction 4.9 million tons



Donation US\$ 12 million



Onboard Employees 300+

- The data used is up to August 2024
- · Donations include pledged donations
- Exchange Rate: 1 USD = 7.1 CNY



Corporate Honors



A-class Key Support Enterprise of G60 Science and Technology Innovation Corridor in Songjiang District, Shanghai



Chinese Enterprise Overseas Investment Award for Social Responsibility



Private Enterprise Responsibility Award for Poverty Alleviation



- Qingyang City - Almaty City

- Chengdu City - Tashkent City

Shanghai(HQ)

GLOBAL PRESENCE

We have successively expanded our business in mainland China, Kazakhstan, Uzbekistan and other countries along the "Belt and Road". We are continuously developing in Central Asia, South Asia, Southeast Europe, Southeast Asia, Central & South America, Africa and other countries & regions.



Wind Power Project

Ground-mounted Solar Power Project

Rooftop Solar Power Project

Transmission & Distribution Project

Energy Storage Power Project

EPC Project

Investment Project

• EPC + Investment Project

QUALIFICATION & CERTIFICATION

System Certification









- □ ISO 37001 Anti-bribery Management System

Enterprise Qualification







- General Contracting of Power Engineering Construction
- Professional Contracting of Building Mechanical and Electrical Installation Engineering
- Professional Contracting of Power Transmission and Transformation Engineering
- ♠ Level 3 Test, Level 4 Installation and Level 4 Repair Qualification
- □ GB/T50430 Code for Quality Management of Engineering Construction Enterprises

*UNIBLU Engineering and Contracting Co., Ltd., a wholly-owned company of UE, has obtained the above qualifications





• Grade-B Qualification

in Engineering Design of Power Industry (including Renewable Energy Plants, Power Transmission, Wind Power Plants, and Substations)

National High-tech Enterprise

*Sichuan Universal Energy Power Engineering & Design Co., Ltd., a wholly-owned company of UE, has obtained the above qualifications

RENEWABLE ENERGY POWER **PLANTS**

Full Lifecycle Solution

Based on the principle of "Win-win Cooperation and Risk Sharing", Universal Energy is seeking partners worldwide and obtaining high-quality renewable energy project resources by the flexible and efficient mechanism of private enterprises. And with the advantages of electricity cost, financing and risk management, we provide full lifecycle solutions for global wind power, solar power and other renewable energy power projects, promote efficient construction and reliable operation of power plants, increase the proportion of clean energy, and achieve green and low-carbon development.



Wind Power



Ground-Mounted Solar Power



Ybyrai 50MW Wind Power Plant , Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooperation
- First renewable energy project in Kostanay Region, Kazakhstan
- Having achieved a breakthrough in the local renewable energy power generation equipment with over 100-meter height
- Having promoted the export of Chinese equipment worth RMB 230 million
- · Having adopted non-resource project financing from overseas banks
- Operating well in an environment of -30°C in

Power Generation

Carbon Emission Reduction

 $190_{\text{million kWh/year}}$ $190000_{\text{tons/year}}$

- O Kostanay Region, Kazakhstan
- () Connected to the grid in February 2022



Mezgilder Qushteri 100MW Wind Power Plant, Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooper-
- First wind power project in Ulytau Region, Kazakhstan
- Wind power project built on hills
- Adopting a single wind turbine with a capacity of 6.25MW, which is currently the largest capacity of a single wind turbine in Kazakhstan
- Adopting a fan with a rotor diameter of 200 meters

- Ulytau Region, Kazakhstan
- Under Construction
- Estimated Power Generation:
 - 387 million kWh/year
- Estimated Carbon Emission Reduction

387000 tons/year

Sarkylmas Kuat 50MW Wind Power Plant, Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooper-
- First renewable energy power generation project with over 110-meter height in Mangghystau Region, Kazakhstan
- Adopting the wind turbine with a single blade length of 98.17 meters and a rotor diameter of 200 meters, which is currently the largest blade of wind power projects in Kazakhstan
- Operating well in an environment of over 50°C in summer

- Mangghystau Region, Kazakhstan
- **Under Construction**
- Estimated Power Generation :

200 million kWh/vear

Estimated Carbon **Emission Reduction**

200000 tons/year

▶ Peak Wind Alpha 250MW Wind Power Plant, Uzbekistan



- First local project priced in RMB
- First local mountain wind power project
- Samarkand Region, Uzbekistan
- **Under Construction**
- Estimated Power Gener-
- Estimated Carbon **Emission Reduction:**

875000 tons/year 875 million kWh/year

Peak Wind Beta 250MW Wind Power Plant, Uzbekistan



- First local project priced in RMB
- First local mountain wind power project
- Samarkand Region, Uzbekistan
 - Estimated Power Gener-



875 million kWh/year

Estimated Carbon **Emission Reduction:**

Under Construction

▶ 50MW Wind Power Plant in Baixiang County, Hebei Province



• First wind power project in Baixiang County of Hebei Province, China

Power Generation

Carbon Emission Reduction

 $115\,\text{million kWh/year} \qquad 115000\,\text{tons/year}$

Hebei Province, China In operation

Connected to the grid in May 2019

▶ Beidaqiao Baiyang 100MW Wind Power Plant in Guazhou County, Gansu Province



- Equipped with the largest power-side Vanadium Redox Flow Energy Storage power plant in China
- Wind power plant built on the Gobi
- Operating well in an environment of -20°C in winter
- Gansu Province,
- Construction completed
- Power Generation :
- CO2 Carbon Emission Reduction :

330 million kWh/year

330000 tons/year

▶ 30MW Wind Power Plant in Bengbu City, Anhui Province



• Wind power project built on both plains and hills

Anhui Province, Oconnected to the grid In operation in November 2020

Power Generation :

CO2 Carbon Emission Reduction :

62.4 million kWh/year

Green Energy is Universal · 16 15 · Universal Energy



Ground-Mounted Solar Power

Kapchagay 100MWp Solar Power Plant , Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooperation
- First and largest solar power project in
- Having adopted non-resource project financing from overseas banks
- Participating in I-REC trading

Power Generation

Carbon Emission Reduction

 $160\,\mathrm{million\,kWh/year}$ $160000\,\mathrm{tons/year}$

Almaty Region, Kazakhstan



Connected to the grid in September 2019

Kaskelen 50MWp Solar Power Plant , Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment
- First solar power project connected to the grid in Kazakhstan during the epidemic

Zhangiztobe 30MWp Solar Power Plant, Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment
- First solar power project in East Kazakhstan
- Operating well in an environment of -30°C in winter
- Located in a remote area with scarce resources

- O Almaty Region, Kazakh-
- Connected to the grid in June 2020
- In operation
- Power Generation:

80.8 million kWh/year

Carbon Emission Reduction:

80800 tons/year

- Abay Region, Kazakhstan
- Connected to the grid in August 2019
- In operation
- Power Generation :

42.6 million kWh/year

Carbon Emission Reduction:

 Mazhuang 35MWp Solar Power Plant in Lingshou County, Hebei Province



- Poverty alleviation project
- Integration of agriculture & solar power
- O Hebei Province, O Connected to the grid in December 2018

In operation

Power Generation:

49 million kWh/year

Carbon Emission Reduction :

49000 tons/year

▶ 19.72MWp Solar Power Plant in Jiyuan City, **Henan Province**



- Clean energy power Plant along the Taihang Mountain industrial tourism belt
- Henan Province, Connected to the grid in May 2019



Power Generation:



23000 tons/year

DISTRIBUTED POWER PLANTS

One-stop Solution

Universal Energy provides one-stop distributed energy solutions from development, design, procurement, engineering to operation based on the electricity needs of industrial and commercial users in different regions. Over the years, we have expanded our business in more than 10 provinces and cities across China, including Zhejiang, Shandong, Henan, Anhui, Chongqing, Tianjin, Jiangxi, Guangxi, and Guangdong, helping companies reduce their electricity costs and achieve a green and low-carbon transformation in energy supply. We actively explore opportunities in the field of distributed wind power, participate in the "Wind Power to the Countryside" initiative, and contribute to rural revitalization.



Distributed Solar Power



Distributed Wind Power (In Progress)



Distributed Solar Power

5.992MWp Distributed Solar Power Plant in Hangzhou City, **Zhejiang Province**



- 2018 Top 10 Distributed Solar Power Innovation Case in Hangzhou city
- Innovative integrated solutions that balance functionality and aesthetics
- Self generated electricity for self use, and surplus electricity for the grid

Power Generation

Carbon Emission Reduction

5.04 million kWh/year

 $5000 \, \text{tons/year}$

- O Zhejiang Province, China
- In operation
- Connected to the grid in July 2017

6MWp Distributed Solar Power Plant in Shaoxing City, **Zhejiang Province**



- Excellent project jointly constructed with a listed company
- Self generated electricity for self use, and surplus electricity for the grid
- Zhejiang Province, Ochina Connected to the grid In operation in January 2022

Power Generation:

CO2 Carbon Emission Reduction :

5.2 million kWh/year

5200 tons/year

► 6.2MWp Distributed Solar Power Plant in Xinzheng City, **Henan Province**



- Resolving the electricity shortage of high energy-consumption enterprises
- Self generated electricity for self use, and surplus electricity for the grid
- Henan Province, China
- Connected to the grid In operation in January 2022



Power Generation:



6.52 million kWh/year

3.99MWp Distributed Solar Power Plant in Dongguan City, Guangdong Province



- Excellent project collaborated with the state-owned enterprise after multiple comparisons
- Self generated electricity for self use, and surplus electricity for the grid

- Guangdong Province, China
- Connected to the grid in March 2024
- In operation
- Power Generation :

4.59 million kWh/year

CO₂ Carbon Emission Reduction:

4590 tons/year

9.07MWp Distributed Solar Power Plant in Weihai City, Shandong Province



- Constructed in 3 phases, with a coherent schedule and reasonable arrangement to ensure timely grid connection
- Self generated electricity for self use, and surplus electricity for the grid

- Shandong Province,
- Connected to the grid in November 2022
- n operation
- Power Generation :

10.89 million kWh/year

CO2 Carbon Emission Reduction :

 $10890 \; \mathsf{tons/year}$

 4.88MWp Distributed Solar Power Plant in Ji'an City , Jiangxi Province



- The height of the construction roof varies, and the construction process is complex, demonstrating refined management
- Self generated electricity for self use, and surplus electricity for the grid

Power Generation

5.17 million kWh/year

Carbon Emission Reduction

5170 tons/year

O Jiangxi Province, China



Onnected to the grid in July 2024

▶ 5.7474MWp Distributed Solar Power Plant in Hangzhou City, Zhejiang Province



- UE's first case of building a rooftop solar power carport
- Self generated electricity for self use, and surplus electricity for the grid
- O Zhejiang Province, O Connected to the grid In operation
 - in December 2023

- Power Generation :

CO2 Carbon Emission Reduction:

6.78 million kWh/year

6780 tons/year

 6.73MWp Distributed Solar Power Plant in Hangzhou City, **Zhejiang Province**



- Cooperating with the leading global automotive parts company and serving as a typical case within its system
- Self generated electricity for self use, and surplus electricity for the grid

Power Generation :

- O Zhejiang Province, O Connected to the grid In operation in November 2021

CO2 Carbon Emission Reduction :

6.73 million kWh/year

6730 tons/year

► 6.8MWp Distributed Solar Power Plant in Taizhou City, Zhejiang Province



- Scientific structural reinforcement to withstand typhoons
- Self generated electricity for self use, and surplus electricity for the

- - Zhejiang Province, China
 - Connected to the grid in July 2024
 - In operation
 - Power Generation :

7.14 million kWh/year

Carbon Emission Reduction:

7140 tons/year

5.6MWp Distributed Solar Power Plant in Chongqing City



- A model for cooperation projects in multiple regions, with the previous project in Hangzhou gaining full trust from customers
- Self generated electricity for self use, and surplus electricity for the

- Chongqing City, China
- Connected to the grid in December 2023
- () In operation
- Power Generation :

4.2 million kWh/year

CO2 Carbon Emission Reduction:

EPC GENERAL CONTRACT

Universal Energy has established UNIBLU Engineering and Contracting Co., Ltd. and Sichuan Universal Energy Power Engineering & Design Co., Ltd., providing EPC services for global solar power, wind power, transmission & distribution, and energy storage power plant projects. The company undertakes the entire process of project requirements from planning and design, equipment procurement, engineering construction to grid connection. Our team has over 130 experiences in the construction of large-scale renewable energy projects and over 30 experiences in renewable energy project design consulting services. By comprehensive management, we ensure controllable project progress, optimal cost, and reliable quality.



EPC for Renewable Energy



Renewable Energy Power Design Engineering



Power Transmission Engineering



EPC for Renewable Energy

Abay 100MW Wind Power Plant , Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooperation
- First and largest wind power project in
- Good construction of wind turbine foundations, with deep foundation pit engineering and overcoming difficulties such as complex geology and abundant groundwater
- Operating well in an environment of -30°C in winter

Power Generation

Carbon Emission Reduction

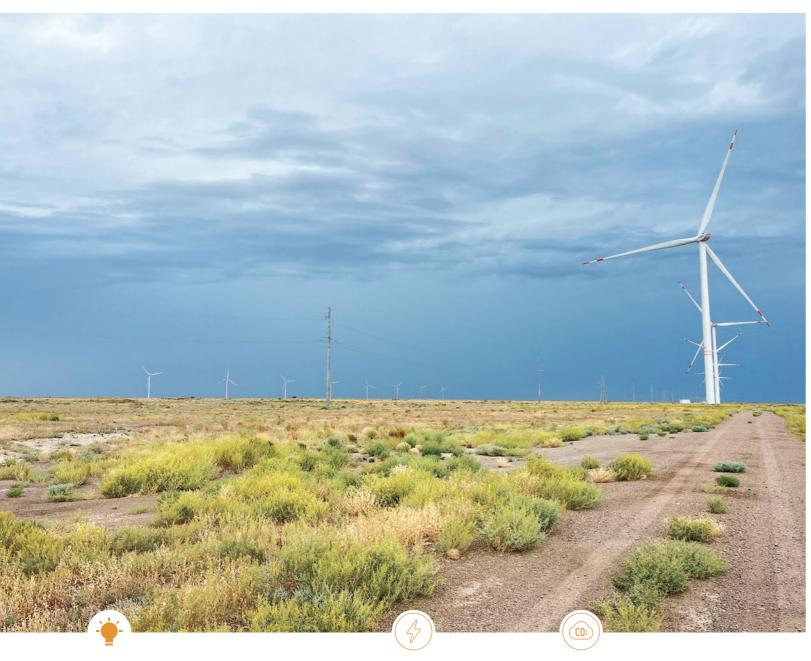
 $330_{\mathsf{million}\,\mathsf{kWh/year}} \quad 330000_{\mathsf{tons/year}}$

- Abay Region, Kazakhstan
- Onnected to the grid in September 2022





Abay 50MW Wind Power Plant , Kazakhstan



- Key Project of China-Kazakhstan Capacity and Investment Cooperation
- Good construction of wind turbine foundations, with deep foundation pit engineering and overcoming difficulties such as complex geology and abundant groundwater
- Operating well in an environment of -30°C in winter

Power Generation

Carbon Emission Reduction

160 million kWh/year

160000 tons/year

- O Jetisu Region, Kazakhstan
- In operation
- Connected to the grid in November 2022

▶ 40MWp Solar Power Plant in Lingshou County, Hebei Province



- The steepest part of the mountain reaches an elevation angle of 60 degrees
- Complex mountainous terrain
- Hebei Province, Connected to the grid In operation in June 2020

- Power Generation:
 - 50.5 million kWh/year
- (CO₂) Carbon Emission Reduction :

50500 tons/year

30kW Solar Power & Energy Storage Project, Qinghai Province

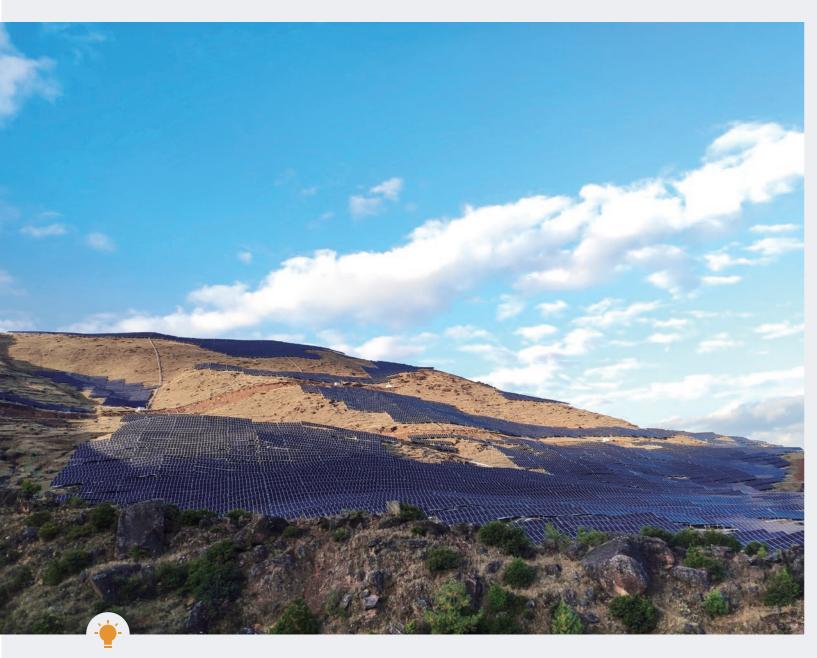


- High altitude project, with an altitude exceeding 4000 meters
- Providing green electricity for the Water Eco-environment Protection Station of the Yangtze River Source
- Qinghai Province, Connected to the grid in May 2020
- In operation



Renewable Energy Power Design Engineering

▶ 40MWp Solar Power Plant in Xide County, Sichuan Province



- Cooperation project with Tongwei Group
- Altitude exceeding 3000 meters
- Sichuan Province, China
 - In operation
- 标 National standards adopted

30MWp Solar Power Plant in Myanmar



 ASEAN Outstanding Engineering Achievement Award for 2023 by the ASEAN Federation of Engineering Organizations (AFEO)





In operation

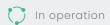


IEC standards adopted while local standards met

▶ 19.98MWp Solar Power Plant in Jiyuan City (Phase II), **Henan Province**



- Assisting in the continuous improvement of the ecological environment along the Taihang
- Self generated electricity for self use, all for consumption
- Henan Province, China



标 National standards adopted



Power Transmission Engineering

Kaskelen 220kV Substation , Kazakhstan



- Connected to the grid substation of 500kV
- Simple and economical layout, with wiring of line-transformer group
- Local design standards of Kazakhstan adopted
- A structure with high safety: The house adopts a frame-shear wall structure, and its seismic requirements are suitable for areas with high intensity of 9 degrees
- Almaty Region, Kazakhstan
- In operation

Abay 220kV Substation , Kazakhstan



- Connected to the grid substation of 500kV
- Simple and economical layout, connecting 2 wind power projects (100MW+50MW)
- Local design standards of Kazakhstan adopted
- Located in a remote area with scarce resources
- Project design: cold resistant to -44.9°C

- O Abay Region, Kazakhstan
- In operation

Zhangiz 110kV Substation , Kazakhstan



- Located in a remote area with scarce resources
- Project design: cold resistant to -50°C

- Abay Region, Kazakhstan
- In operation

Ybyrai 110kV Substation , Kazakhstan



- Supporting substation for the company's first wind power project in Kazakhstan
- Various forms of housing structures
- Reasonable planning, independent production areas and living areas
- Project design: cold resistant to -39.9°C

- Kostanay Region, Kazakhstan
- In operation

Kapchagay 220kV Substation , Kazakhstan



- First renewable energy transmission substation with 100,000 kW level in Kazakhstan's power grid
- First renewable energy π connection case in Kazakhstan with the grid substation involving hydropower station, 220kV substation, and 500kV substation, which makes communication and protection settings complex
- Almaty Region, Kazakhstan
- In operation

ENERGY STORAGE POWER PLANTS

Full Lifecycle Solution

Under the goal of Carbon Peaking and Carbon Neutrality, We provide safe, reliable, economical, and efficient energy storage solutions to face the huge challenges brought to the power grid by the increasing renewable energy generation such as solar and wind power. Relying on the comprehensive advantages of the Group Company's energy storage technology and equipment manufacturing, Universal Energy provides one-stop energy storage solutions from development, design, procurement, engineering to operation. By flexible allocation of electricity supply during peak and off peak periods, it achieves efficient use of energy.



Grid Side Solution



Power-plant Side Solution



End-user Side Solution



Energy Storage Power Plants

▶ 15MW/60MWh Vanadium Redox Flow Energy Storage Power Plant in Jiuquan City, Gansu Province



• Largest Vanadium Redox Flow Energy Storage power plant from power-plant side in China

Maximum Duration of Energy Storage

Gansu Province, China

≥16000

Construction completed

Cycling Life

► 2MW/12MWh Vanadium Redox Flow Energy Storage Power Plant in Wenzhou City, Zhejiang Province



- Largest Vanadium Redox Flow Energy Storage power plant from end-user side in Wenzhou City
- Collaborative benchmark project for pollution reduction and carbon emission reduction in Zhejiang Province
- Solar Power & Energy Storage System of Afdera 230kV GIS Substation, Ethiopia



of 230kV high-voltage substations in the world, and this project is one of the first cases in Ethiopia

- Zhejiang Province, China
- () In operation
- Maximum Duration of Energy Storage :
 - 6 Hours
- Annual Discharge Capacity:

4.8 million kWh

- Alpha Region, Ethiopia
- In operation
- Capacity:

380 kW

2600 kW

Solar Power & Energy



SOCIAL ACTIVITIES



4 2017.1.1

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



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



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

2019.4.26 >

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



4 2018.3.27



4 2019.5.15

Former 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.



Srgjan Kerim, Former President of the General Assembly and Former Foreign Minister of Macedonia, paid a visit to Universal Energy.

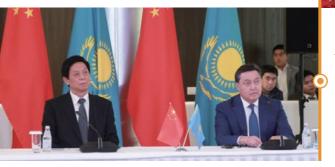


4 2019.9.3

Zhenis Kasymbek, Deputy Prime Minister of Kazakhstan, and Amandyk Batalov, Governor of Almaty, attended the grid-connection ceremony of Kapchagay 100 MWp solar power plant in Kapchagay.



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 to China after taking office.



4 2019.9.22

Chairman Li Zhanshu and Ma Ming, Former Prime Minister of Kazakhstan, held talks at AIFC. Nan Yi attended as a representative of Chinese enterprises.



2019.9.28 >

Li Chao, Vice Chairman of the China Securities Regulatory Commission, visited 100MWp solar power plant in Kazakhstan.



4 2019.10.25

Li Qiang, Former Secretary of Shanghai Municipal Committee of the Communist Party of China, Current Premier of the State Council, presided over the forum on innovation and entrepreneurship of young talents. Nan Yi attended as a representative of young entrepreneurs



2021.5.15 ▶

Li Qiang, Former Secretary of Shanghai Municipal Committee of the Communist Party of China, Current Premier of the State Council, met with Nan Yi and other participants of Shanghai Innovation and Entrepreneurship Youth 50 Forum.



4 2021.11.4

Glenn. G Penaranda, Commercial Counsellor of the Philippine Embassy in China, visited Universal Energy.

上海:全力厚植创新创业沃土 助力小苗茁壮成长为参天大树

2023.2.17 ▶

Chairman Nan Yi and Jurabek Mirzamakhmudov, Minister of Energy of Uzbekistan, signed a Memorandum of Understanding on cooperation.



2023.5.18

Chairman Nan Yi was invited to attend a meeting between Sadyr Japarov, President of Kyrgyzstan, and the Chinese business community. In the presence of the President, Universal Energy signed a Memorandum of Understanding on cooperation with the Kyrgyz Ministry of Energy.



2024.1.25 >

Chairman Nan Yi attended the Uzbekistan-China Investment Forum and signed an investment agreement for a 500MW wind power project with Jurabek Mirzamakhmudov, Minister of Energy of Uzbekistan, and Laziz Kudratov, Minister of Investment, Industry and Trade of Uzbekistan on the eve of the forum.



4 2023.5.17

Chairman Nan Yi met with Almasadam Satkaliyev, Minister of Energy of Kazakhstan.



4 2023.5.19

Chairman Nan Yi was invited to attend the round table meeting between Shavkat Mirziyoyev, President of Uzbekistan, and Chinese entrepreneurs. He spoke at the meeting as the only private enterprise representative in the clean energy industry. Chinese Vice Premier He Lifeng attended the meeting and delivered a speech.



◀ 2024.3.30

Chairman Nan Yi met with Gunawardana, Prime Minister of Sri Lanka who was visiting Shanghai, for deepening cooperation in renewable energy investment.

OUR PARTNERS

Under the company's vision, we collaborate with global partners and experts in technology, finance and industry to share information and resources and jointly promote energy revolution.

Power Grid Corporation











► Investment Partner



国家电投 SPIC















Financial Partner



















► Technical Partner



risen

























MILESTONES

2017

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



In August, Kazakhstan's 100MWp solar power plant project was included in the list of Key Projects of China-Kazakhstan Capacity and Investment Cooperation. Now 8 projects of Universal Energy in Kazakhstan have been

included in the list.

2019

In January, Uniblu acquired a Class-B qualification design institute and named it as Sichuan Universal Energy Power Engineering & Design Co., Ltd. Now the design institute has been recognized as a "National High-tech Enterprise".

In March, Universal Energy obtained the first overseas financing from Kazakhstan Development Bank Financial Leasing Company, with the total amount of approximately 110 million RMB. In June of the same year, the company received another financing support without recourse from the Development Bank of Kazakhstan.



2020

In June, Kaskelen 50MWp solar power plant in Kazakhstan was connected to the grid and put into operation. It was the first local solar power plant that was connected to the grid under the epidemic.

In October, Universal Energy, as one of the winning bidders for the IGW solar power project in Myanmar, signed a 20-year PPA agreement with Myanmar's

2022

In June, a total of 125MW/500MWh shared energy storage power plant in Gansu was completed for the record, making a new breakthrough in the energy storage power plant business.

In November, the company won four new bids for a total of 250MW wind power projects in Kazakhstan, with a winning rate of 62.5%. The capacity of its renewable energy projects in Kazakhstan reaches 630MW.

In December, the company's annual revenue and profit increased against the trend, with the net profit exceeding CNY 200 million for the first time.

2023

In August, Uzbekistan Companies (Peak Wind Alpha, Peak Wind Beta) were founded. In the same year, the company signed the first 500MW wind power project PPA priced in RMB in the country.



In November, Universal Energy has won four renewable energy projects totaling 170MW in Kazakhstan.

2016

2015

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

In November, Universal Energy

Co., Ltd. was registered and

In November, Enerverse Kunkuat

LLP, a joint venture in Almaty,

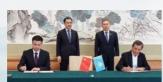
founded in Shanghai.

was founded.

2018

In January, Uniblu Engineering and Contracting Co., Ltd. was registered and founded.

In November, Universal Energy signed a 100MW wind power project investment and EPC agreement at the 15th Dialogue Meeting on Capacity and Investment Cooperation between China and Kazakhstan.



In December, Universal Energy's first solar power project for poverty alleviation in Hebei Province, China, was connected to the grid and started to generate electricity.

In April, Universal Energy obtained ISO9001, ISO14001, ISO45001, and ISO37001 system certifications.

In September, at the Grid Connection Ceremony of Kapchagay 100MWp solar power plant, the company donated 250 million Kazakhstani tenge to Kapchagay government for local public welfare.



2021

In May, the company signed investment framework agreements for projects in Guazhou county and other places, and obtained more than 1GW of renewable energy development targets. The Distributed Photovoltaic Division was established, integrated the equity of the distributed platform in Zhejiang Province, and completed the distributed business expansion of 110MW.



In September, the company successively completed the financing release for Ybyrai 50MW wind power project and Abay150MW wind power project, with a total of US\$170 million.

In September, Shanghai Universal Energy Investment Development Co., Ltd. was renamed as Wantai Group

In December, 200MW wind power project in Nanning City, jointly invested by Universal Energy and a large state-owned enterprise group, was approved by the government.

In December, 60MW wind power project (Phase II) in Baixiang county of Hebei Province invested and constructed by Universal Energy, was approved by the government.

In December, the sale agreement for 150MW wind power project in Kazakhstan was successfully signed, better practicing the "hold+sell" model.

In December, the distributed solar power business achieved break-throughs in multiple provinces and cities such as Tianjin and Chongaing, with cumulative grid-connected power plants of over 200MW.

SOCIAL RESPONSIBILITIES



Green and low-carbon development, for a sustainable future

Benefiting more countries with green electricity: After being built and put into operation, renewable energy power plants enable more and more people to have affordable, clean and green electricity.

4.9 billion kWh

of green electricity supply

4.9 million tons

for carbon emission reduction

- Sharing green electricity: By green certificate & green electricity trading, we provide carbon emission reduction support for more enterprises and countries, making the earth more low-carbon and sustainable.
- Protecting biodiversity: We improve environmental protection measures, strive to reduce the adverse impact of project construction and operation on surrounding residents and animals,



Assistance in rural revitalization, for a dynamic city

Poverty alleviation by solar power: We provide local residents with green electricity supply by high-quality solar power projects. We share the power generation revenue with the poor and improve their life. We introduce the integration project of agriculture & solar power to make poverty alleviation sustainable.

1168 households US\$ 9.8 million

Impoverished households assisted Poverty alleviation output (For 20 years)

Helping rural areas: We actively participate in poverty alleviation, and have been helping local industry in Gulang County of Gansu Province. We regularly purchase agricultural products for poverty alleviation from paired villages in Yunnan Province to achieve assistance.



Participation in community development, for a harmonious society

Promoting people-to-people bond: We adhere to the principle of "Consultation, Co-construction, and Sharing", and bring benefits to the host country by various means.

3000+

KZT 350 million

Job opportunities created for Kazakhstan Donation to Kazakhstan

Participation in public charity: We pay attention to disadvantaged groups, care about social harmony and stability, initiate and participate in charitable donations such as helping the elderly and the poor, setting up student scholarships, fighting against epidemics, assisting disaster areas, helping poverty alleviation, etc. We are devoted to contributing to society.

US\$ 1.41 million

for public welfare donations

