



Shanghai Electric Power
Generation Engineering Company
Overall Introduction
· 2024.8·





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01 Company Profile

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About Us



Shanghai Electric Power Generation Engineering Company is one of the core businesses of Shanghai Electric Group, a large equipment manufacturing conglomerate in China. Targeting global markets, we are engaged in EPC, O&M, investment and project development of traditional and new energy power plants.

Over the years, we have accumulated rich experiences in both China and overseas market, and have undertaken 224 projects in 25 countries and regions. We have built a sound marketing and project support network and set up as many as 21 branches, providing strong support to the full life cycle of the projects. We have excellent project management teams consisting of over 700 employees, of which 20% are overseas localized employees.

Shanghai Electric ranks 62th in the 2023 ENR TOP 250 INTERNATIONAL CONTRACTORS in the field of engineering contracting, and 93rd in the top 500 Asian brands. Our credit rating attains the highest AAA level in China Chamber of Commerce for Import and Export of Machinery and Electrical Products (CCCME). We've been awarded as Grade A enterprise for China's foreign contracted projects for many consecutive years, and are among the top in the ranking of contracted amount of overseas power projects.

COMMITTED TO PROVIDING ONE-STOP ENERGY SOLUTIONS



Historical Evolution



1985

In January, consolidating the strengths of manufacturers of mechanical, electrical, boiler and auxiliary power station equipment, the Shanghai Municipal Government formed **Shanghai Electric Associate Company**. Shanghai Wujing 2×300MW Coal-Fired Power Plant Project was signed by the Company in 1987.

1996

In October, Shanghai Electric (Group) Corporation and Shanghai Mechanical and Electrical Holding (Group) Company jointly reorganized and established a new Shanghai Electric (Group) Corporation, with the former power generation business reorganized into the **Power Generation Division**. India Malko 3×25MW Coal-fired Power Plant Project was signed the following year.

2005

In April, H-shares of Shanghai Electric were listed on the Stock Exchange of Hong Kong, and Shanghai Electric Group Limited was renamed Shanghai Electric Group Co., Ltd. In the same year, Shanghai Electric Power Generation Group set up the **Engineering Industry Department**, which was responsible for the construction of power generation projects. Vietnam Guangning 2×300MW Coal-fired Power Plant Project was signed.

1993

In December, Shanghai Electric Associate Company was reorganized into **Shanghai Electric (Group) Corporation**. Pakistan Muzaffargarh 1×320MW Oil-fired Power Plant Project was signed the same year.

2004

In March, Shanghai Electric (Group) Corporation was restructured into a shareholding company and established Shanghai Electric Group Limited. In the same year, the Power Generation Division was reorganized into **Shanghai Electric Power Generation Group**. India Yamuna 2×300MW Coal-fired Power Plant Project was signed.

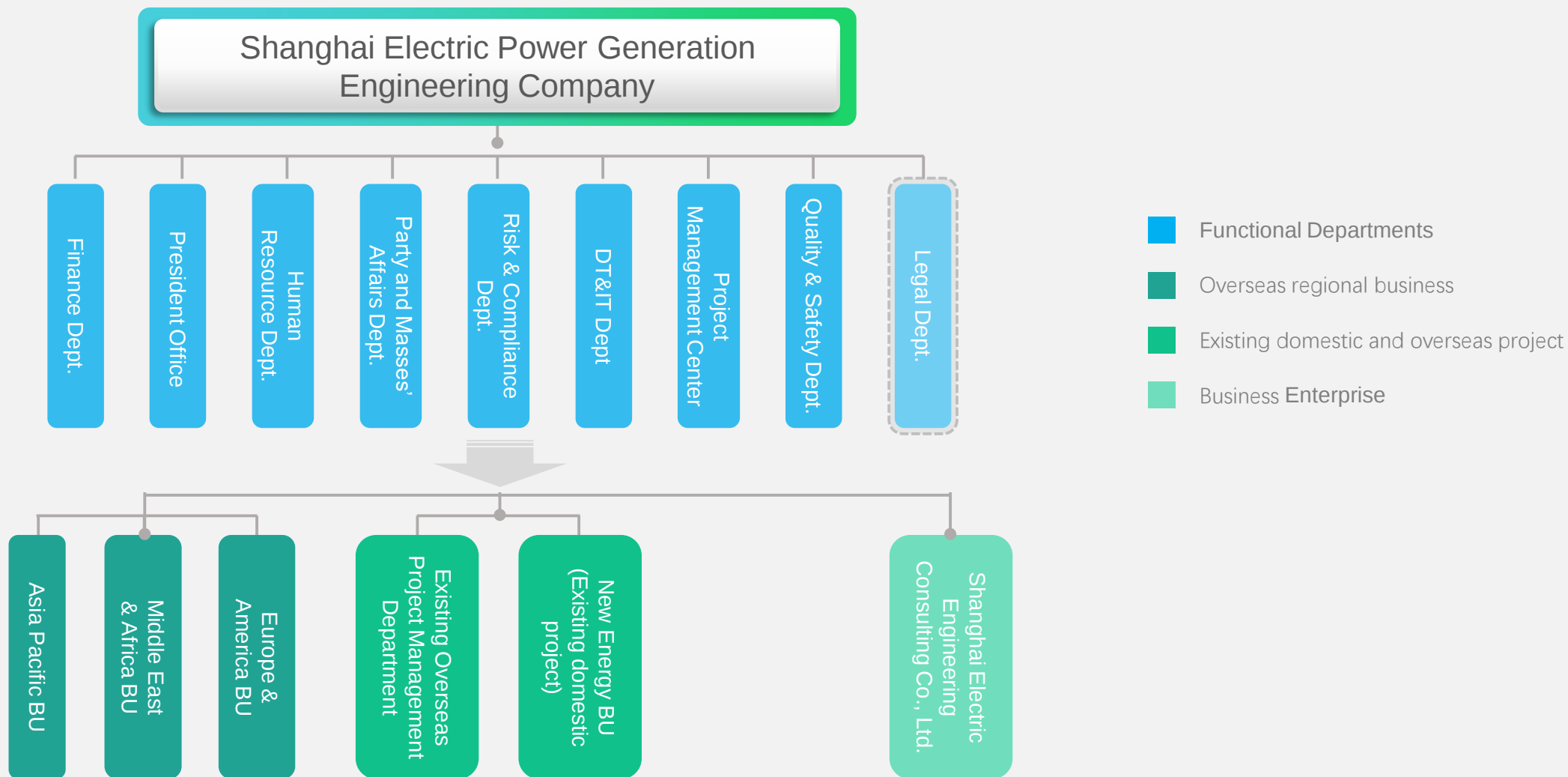
2006

The Engineering Industry Department of Shanghai Electric Power Generation Group was reorganized into **Shanghai Electric Power Generation Engineering Company**. The Company has carried out 224 projects in 25 countries and regions globally.



SHANGHAI ELECTRIC CREATE OUR FUTURE TOGETHER

Organizational structure



Business Data



27 billion USD

Cumulative total
contract amount

224 projects

Cumulative projects
undertaken

25 countries and regions

Service coverage



25 billion USD

Cumulative sales revenue

134 GW

Cumulative installed
capacity

739

Current employees



163 localized employees

Equipment-driving Performance

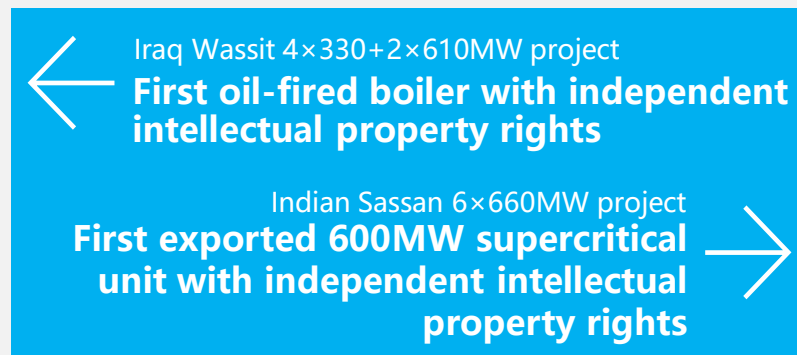
Among the accumulated operating income of **25 billion** USD, the company has realized equipment sales of about **5.9 billion** USD for its main equipment plants (boiler plant, steam turbine plant, steam generator plant, auxiliary plant), and about **1 billion** USD for other enterprises in the industry.



↑ Vietnam Quang Ninh
2x300MW project
**First overseas W-flame
boiler**



↓ Guangdong Yangxi 2x1240MW project
**World's first single unit of
1240MW in operation**



← Iraq Wassit 4x330+2x610MW project
**First oil-fired boiler with independent
intellectual property rights**

Indian Sassan 6x660MW project
**First exported 600MW supercritical
unit with independent intellectual
property rights** →



Equipment-driving Performance



Relying on the advantages of its own equipment to develop the local and global engineering market, the company has realized numerous **First Records**, driving its equipment to achieve technological innovation breakthroughs.



↓
Dubai-700MW CSP+250MW PV
Hybrid Project
With industry-leading tower +
trough solar thermal technology



Malaysia Balingian 2x300MW Project
**First 300MW CFB boiler with
independent intellectual
property rights**



Pakistan Thar 2x660MW Project
**First unit of tower furnace +
fan mill**



Bangladesh Sylhet 1X225MW
expansion project

**First conversion of single
cycle to combined cycle
EPC project with Ansaldo
gas turbine**

New Energy Transformation Projects



The pipeline of solar projects
200MWp in UK

First PV project in European market



Golmud Meiman New Energy
Technology Company Energy
Storage Project

First energy storage project



Dubai Solar Park Project
**World' s largest single-site solar
park with the most advanced
technology (CSP+PV)**

Minhang District Smart Energy
Demonstration Project
First smart energy project



Zhangjiakou Olympic Wind & Solar City
Multi-energy Complementary Integration
Optimization Demonstration Project

**First demonstration project of
wind power+PV+energy storage**



上海电气
SHANGHAI ELECTRIC



Social Responsibility



Pakistan Thar Project Dept distributed living materials to Pakistani employees during the Spring Festival.



Tribute to rainstorm victims in Malaysia.

Bangladesh Rupsha Dept distributed family planning supplies to local personnel and popularizes relevant knowledge.



Shanghai Electric Helped Green UAE. Dubai government thanked Dubai Solar Thermal Project Dept for its contribution to environmental protection.



Pakistan Thar Project Dept holding a donation of living materials on the local Hari Raya.



Social Responsibility



Social Open Day of Serbia Project



The Iraq Wassit Project Dept. founded the construction of a local road, and helping the people of China and Iraq connect with each other. During the epidemic, the Project Dept donated masks to the local area.



Japan Yakai PV Project Dept donated agricultural irrigation wells



Dubai Phase V Project Dept planted trees with the owners in World Environment Day. Dubai Phase V Project Dept celebrated the birthday of local employees.



Honors & Qualifications



- Ranks 62th in the 2022 ENR TOP 250 INTERNATIONAL CONTRACTORS
- Ranks 93rd in top 500 Asian Brands
- AAA level assessed by CCCME
- Grade A enterprise for China's foreign contracted projects
- Top in the ranking of contracted amount of overseas power projects



02 Business Scope

EPC
O&M
Project Development
Financing Services

Typical Project

Guangdong Yangxi Power Plant Phase II 2×1240MW
Coal-fired Power Station

★ World's largest monoaxial coal-fired power unit

THERMAL POWER

Shanghai Electric Power Generation Engineering Company has rich EPC records and experiences in coal-fired and oil/gas-fired power plant projects, and has undertaken more than 50 projects in India, Vietnam, Indonesia, Pakistan, Malaysia, Bangladesh, China and other countries around the world, with installed capacity exceeding 43000MW.

We provide a variety of available business modes such as EPC, EPC+F, EPC+O&M, BTG, IPP, BOT, etc. The unit products cover 50MW-1240MW full-scale series. We provide customers with full life cycle services covering development, design, procurement, construction, O&M through high-quality and efficient project management.



Gas Turbine

Shanghai Electric Power Generation Engineering Company has rich EPC records and experiences in gas turbine power station projects, including single cycle, combined cycle, single cycle to combined cycle and other gas turbine projects. The company has undertaken more than 20 projects in Serbia, Bangladesh, Panama, Indonesia and other countries around the world, with an installed capacity of 15000MW.

We provide a variety of available business modes such as EPC, EPC+F, EPC+O&M, BTG, IPP, BOT, etc. The units cover H-class, F-class, F-class and E-class series. We provide customers with full life cycle services covering development, design, procurement, construction, O&M through high-quality and efficient project management.

Typical Project

Dubai-700MW CSP+250MW PV Hybrid Project



- ★ Largest installed capacity, highest technical standards
- Selected as a typical case of international capacity cooperation and ★ ★
- ★ third-party market cooperation under the “Belt and Road” initiative by the National Development and Reform Commission.

Solar Power (CSP)

By combining the design, construction and operation technology of solar power plants with the global project development and equipment manufacturing capabilities, and adopting the world-leading tower (CT) and trough (PT) concentrating and heat storage technologies, Shanghai Electric Power Generation Engineering Company is committed to providing global customers with all-round solutions for solar thermal power generation.



Typical Project

Dubai Solar Park Phase V 900MW
Photovoltaic Project



★ Largest PV project in Dubai

Solar (PV)

Shanghai Electric Power Generation Engineering Co. Ltd has rich EPC records and experiences in PV power station projects. The company has undertaken more than 70 projects in UK, Japan, Australia, UAE, Greece, Cyprus, Vietnam, China and other countries around the world, with an installed capacity exceeding 5000MW.

As the world's leading provider of intelligent photovoltaic solutions, the company is committed to providing customers with full-process services from project development, general contracting management and O&M. Our business areas cover centralized photovoltaic power plants, distributed photovoltaic power plants, etc.

Typical Project

Olympic Wind & Solar City Project

★ One of the first NEA multi-energy complementary integration optimization demonstration projects

Wind Power

In the Wind Power field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with full-process services from project development, general contracting management and O&M, covering various application types such as onshore wind power and offshore wind power.

The company has rich EPC records and experiences in wind power projects. We have contracted 18 projects in Tianjin, Jiangsu, Hebei, Jiangxi, Shanxi and other places, with installed capacity exceeding 1000MW.



Minhang Energy Storage Project
undertaken by Qinghai Golmud Meiman
Company

Energy Storage

In the Energy Storage field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with complete solutions for the whole industry chain, including project development, equipment manufacturing, general contracting construction, O&M, etc.

The company has rich experience in project implementation, including projects on the user side, power supply side, power grid side and other energy storage application scenarios.

Typical Project

Xixia County Baoneng Biomass CHP Project

- ★ Designed clean power generation of 0.193TWh/a
- ★ Designed clean heat supply of 609,000GJ/a

Biomass Power Generation

In the biomass power generation field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with the full process services including project development, general contracting management and O&M. The company has built over 165MW projects in Hebei, Henan, Hainan, Guangxi and Shandong in China.

As biomass power generation uses agricultural wastes and forestry wastes as fuels, it promotes the collection, processing and transportation of biomass fuels such as surrounding straws, solves the problems of straw burning and scattering, and can effectively reduce air pollution. Because of high economic and social benefits, this kind of renewable clean energy project is being advocated and encouraged by today's society.

Typical Project

Malaysia Selangor Regenerated Energy Power Station Project

Shanghai Electric Power Station Engineering Company undertakes overseas waste power generation project

Waste-to-energy

In the waste-to-energy power generation field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with full process services from project development, general contracting management to O&M.

Waste-to-energy power generation is conducive to urban environment, especially to the protection of land resources and water resources, coupled with its high economic and social benefits, it is becoming a renewable clean energy project advocated and encouraged by today's society.

Typical Project

Smart Energy Demonstration
Project in Minhang Industrial Zone

- ★ Save 665 tons of standard coal per year
- ★ Reduce carbon emissions by 1,760 t/a
- ★ Reduce harmful gas emissions by 1.8 t/a

Distributed Energy Sources

In the distributed energy field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with all-round services from investment, planning, design, construction, operation, maintenance to contracted energy management services. Energy types may include gas, oil, photovoltaic, solar thermal, wind power and various renewable energy sources.



Seawater Desalination

In the seawater desalination field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with full process services from project development, general contracting management to O&M.

Our products cover two major seawater desalination technologies: thermal method and membrane method. We can provide customers in the fields of electric power, municipal administration, chemical industry, iron and steel with integrated solutions for seawater desalination, such as independent water plants, cogeneration of water and electricity, thermal membrane coupling and waste heat recovery.

O&M Services



Typical Project

Iraq Wassit O&M Project



★ one of the most important thermal power plant in Iraq
The total historical power generation has exceeded
130TWh since the O&M in 2013

In the operation and maintenance field, Shanghai Electric Power Generation Engineering Company is committed to providing customers with one-stop flexible service. We always adhere to the quality-centered idea, rely on technological advantages to add value to services, adapt to new technologies, new mechanisms and new models, create new service markets while integrating traditional markets, and constantly improve the service operation system.

Project Development

Typical Project

Thar Block-1 Integrated Energy Project, Pakistan



- ★ First overseas BOO project, energy integration investment project, mining project
- ★ first tower furnace + fan mill solution unit

In the project investment and development field, Shanghai Electric Power Generation Engineering Company responded to the national Belt and Road Initiative and Go Abroad strategy, actively explored and participated in project development all over the world, and created a full life-cycle business mode covering project development, construction and operation.

Financing Service



Project: Pelabuhan Ratu 3×350MW Indonesia Facility Amount: USD 482 Million Tenure: 15 Years Lenders: 中国进出口银行 中国出口信用保险公司 Type: Buyer's Credit With Sovereign Repayment Guarantee Under disbursement period	Project: Quang Ninh II 2×300MW Vietnam Facility Amount: USD 356 Million Tenure: 14 Years Lenders: 中国进出口银行 中国出口信用保险公司 Type: Buyer's Credit With Sovereign Repayment Guarantee Under repayment period	Project: Chandrapur 2×300MW India Facility Amount: USD 99 Million Tenure: 15 Years Lenders: 中国进出口银行 ICICI Bank Type: Bank On-Lending Under disbursement Period
Project: Sasan 6×660MW India Facility Amount: USD 1.1 Billion Tenure: 13.5 Years Lenders: 中国进出口银行 Standard Chartered 国家开发银行 中国出口信用保险公司 中国银行 Type: Project Finance Chinese Gov. has approved the Financing, CP conditions to be satisfied or waived.	Project: Vinh Tan II 2×622MW Vietnam Facility Amount: USD 1.06 Billion Tenure: 15 Years Lenders: 中国进出口银行 中国出口信用保险公司 Type: Mix Loan Preferential Buyer's Credit (USD 300 mil) Government Concessional Loan (CNY 600 mil) Buyer's Credit (USD 600 mil) Under disbursement period	Project: Quang Ninh I 2×300MW Vietnam Facility Amount: USD 407 Million Tenure: 14 Years Lenders: 中国进出口银行 中国出口信用保险公司 Type: Buyer's Credit With Sovereign Repayment Guarantee Under repayment period

In the financing services field, Shanghai Electric Power Generation Engineering Company relies on strong group and external resources, and thereby provide a variety of financing methods including buyer's loans, mixed loans, project financing, equity investment, etc. to promote the development and investment of projects.





03 Global Footprints

International Network
Project Distribution
The Global Performance Table

International Network

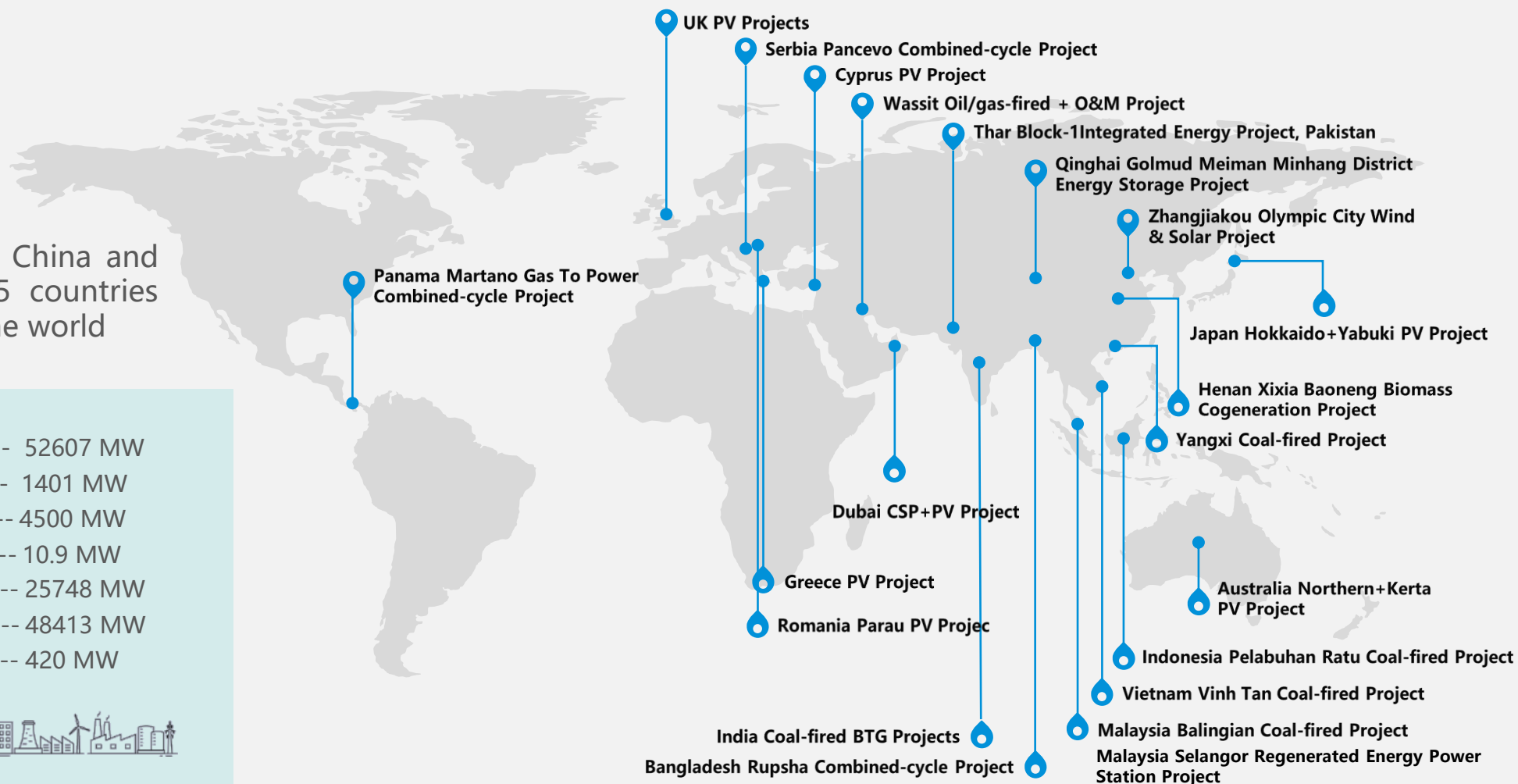


Project Development



Nearly 224 projects in China and overseas, covering 25 countries and regions around the world

Asia (overseas)	-----	52607 MW
Europe	-----	1401 MW
Africa	-----	4500 MW
Australia	-----	10.9 MW
Middle East	-----	25748 MW
China	-----	48413 MW
North America	-----	420 MW



Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
DongDixie Captive Power Plant	Thailand	55	Coal Power
Malko Aluminum Plant Captive Power Plant	India	75	Coal Power
Baku coal-fired power plant	Bangladesh	250	Coal Power
Yamuna coal-fired power plant	India	600	Coal Power
Guangning Coal-fired Power Plant Phase I	Vietnam	600	Coal Power
Jinda Coal-fired Power Plant	India	600	Coal Power
Guangning Coal-fired Power Plant Phase II	Vietnam	600	Coal Power
Haiza coal-fired power plant	India	1200	Coal Power
Rosa coal-fired power plant phase I	India	600	Coal Power
Ruiji coal-fired power plant	India	1200	Coal Power
Puerto princesa coal-fired power plant	Indonesia	1050	Coal Power
Jingde coal-fired power plant	India	1350	Coal Power
Jinda coal-fired power plant 3# expansion	India	300	Coal Power
Jinda coal-fired power plant 4# expansion	India	300	Coal Power
Rosa Coal-Fired Power Plant Phase II	India	600	Coal Power
Sa Saeng coal-fired power plant	India	3960	Coal Power
Butibori coal-fired power plant	India	600	Coal Power
Laguna DVC coal-fired power plant	India	1200	Coal Power
Yongxin Coal-fired Power Plant Phase II	Vietnam	1244	Coal Power
Warora coal-fired power plant	India	600	Coal Power

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
Chandela coal-fired power plant	India	600	Coal Power
Adipara coal-fired power plant	Indonesia	660	Coal Power
Hadiya coal-fired power plant	India	600	Coal Power
Balingian coal-fired power plant	Malaysia	600	Coal Power
Kynde Osa Orphaned Network Retrofit	India	270	Coal Power
Coal-fired power station in Block 1, Thar coalfield, Pakistan	Pakistan	1320	Coal Power
Wujing Coal-Fired Power Plant Phase 6 (Shanghai)	China	600	Coal Power
Zhongshan Power Plant (Guangdong)	China	250	Coal Power
Aixi Coal-fired Power Plant (Chongqing)	China	50	Coal Power
Puqi Coal-fired Power Plant (Hubei)	China	600	Coal Power
Jiaozuo coal-fired power plant (Henan)	China	600	Coal Power
Anqing coal-fired power plant (Anhui)	China	600	Coal Power
Juhong coal-fired power plant (Zhejiang)	China	600	Coal Power
Liulin coal-fired power plant (Shanxi)	China	1200	Coal Power
First 2 units of Yangxi coal-fired power plant phase 1 (Guangdong)	China	1200	Coal Power
Zhaoguang coal-fired power plant (Shanxi)	China	1200	Coal Power
Pingshuo coal-fired power plant (Shanxi)	China	600	Coal Power
Pingyao coal-fired power plant (Shanxi)	China	400	Coal Power
Ruiguang coal-fired power plant (Shanxi)	China	600	Coal Power

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
Tianfu coal-fired power plant (Xinjiang)	China	1200	Coal Power
Jiarun coal-fired power plant (Xinjiang)	China	700	Coal Power
Sanshui Hengyi Coal-fired Power Plant (Guangdong)	China	1200	Coal Power
Yangxi coal-fired power plant units 3 and 4 (Guangdong)	China	1320	Coal Power
Yangxi coal-fired power plant units 5 and 6 (Guangdong)	China	2480	Coal Power
Lingshi Qiguang coal-fired power plant (Shanxi)	China	700	Coal Power
Kaixiu coal-fired power plant (Shanxi Sogo)	China	700	Coal Power
Zhujiaping (Inner Mongolia)	China	1320	Coal Power
Huaneng Anyang Thermal Power 2×12MW Coal-fired back pressure unit project Host equipment system project (Henan)	China	24	Coal Power
Muzaffargarh oil-fired (gas) power plant	Pakistan	320	Oil
WASSIT Oil (Gas) Power Plant Phase I	Iraq	1320	Oil
WASSIT Oil (Gas) Power Plant Phase II	Iraq	1220	Oil
Sylette Combustion Machinery Plant	Bangladesh	150	Gas Turbine
Installation of a single-cycle combustion turbine in Khormalla Phase I, Iraq	Iraq	640	Gas Turbine
Kulna Combustion Machinery Plant	Bangladesh	150	Gas Turbine
Pancevo Gas Combined Cycle Electricity in Serbia	Serbia	200	Gas Turbine
Seawright Combined Cycle Combustion Turbine Expansion Project in Bangladesh	Bangladesh	225	Gas Turbine

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
Rupsa 800MW Combustion Turbine Project, Bangladesh	Bangladesh	800	Gas Turbine
Bangladesh Kushal 163MW Combustion Turbine LTSA Project	Bangladesh	163	Gas Turbine
Moonlight Bay Combustion Machinery Plant	China	60	Gas Turbine
Zhengzhou combustion engine	China	800	Gas Turbine
Zhongyuan combustion engine	China	800	Gas Turbine
Shidongkou combustion engine	China	1200	Gas Turbine
Zheng changzhuang combustion engine	China	508	Gas Turbine
Xiamen combustion engine	China	800	Gas Turbine
Huaneng Tianjin combustion engine	China	250	Gas Turbine
Lingang combustion engine	China	1600	Gas Turbine
Gaoantun combustion engine	China	840	Gas Turbine
Yizheng combustion engine	China	762	Gas Turbine
Liaoning Hua Jin Tongda Project	China	60	Gas Turbine
2.4MWp PV Project in Hokkaido, Japan	Japan	2.4	Solar-PV
EPC contract for Mohammed bin Rashid Al Maktoum Solar Power Park Phase IV 700MW power plant project in Dubai	UAE	950	Solar-PV
UK Worsted 5MW Solar Power Plant	UK	5	Solar-PV
UK Worsted IV 50MW PV Project (Branston)	UK	50	Solar-PV
4.7MW PV project in Coade, Australia	Australia	4.7	Solar-PV

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
5.587MW PV project in Northam, Australia	Australia	5.587	Solar-PV
Phuoc Thai 50MW PV project in Vietnam	Vietnam	50	Solar-PV
EPC General Contracting for 25.5MW PV project in Greece	Greece	25.5	Solar-PV
CYPV 17.82MW PV Project Package EP Contract in Cyprus	Cyprus	17.82	Solar-PV
Sunnen 20MW+20MW PV Project in Greece	Greece	40	Solar-PV
UK Bishops 8.5MW PV Project	UK	8.5	Solar-PV
UK West Holcombe 9.1MW PV Project	UK	9.1	Solar-PV
UK Low Farm 20.09MW PV Project	UK	20.09	Solar-PV
UK Sweeting Thorns 28.35MW PV Project	UK	28.35	Solar-PV
UK Newton 12.93MW PV project in	UK	12.93	Solar-PV
UK Outwood 10.43MW PV Project	UK	10.43	Solar-PV
UK Fiskerston II 15MW PV Project	UK	15	Solar-PV
UK Ingham 19.99 MW PV Project	UK	19.99	Solar-PV
Japan Yakai 28MW PV Project	Japan	28	Solar-PV
UAE DEWA Phase V 900MW PV Project	UAE	900	Solar-PV
Shandong Dexin Taihe (PV Agricultural Industrial Park in Lingshan County, dezhou)	China	49	Solar-PV
Quwo Zhengxin (Quwo County Zhengxin Photovoltaic Agriculture Co., Ltd.)	China	20	Solar-PV
Anyang Hanlin Jiangcun Town Photovoltaic Power Generation Project	China	100	Solar-PV

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
Nanle County Sizhuang Township Agricultural Photovoltaic Power Plant Project	China	70	Solar-PV
Anyang Neihuang Gaodi Eco-Agriculture Shed Roof Distributed PV Project	China	20	Solar-PV
Zhenghui PV Linghu Lake Farm Distributed Agricultural PV Power Generation (7.6MW)	China	20	Solar-PV
Yulin Zhengxin Photovoltaic Power Generation Project, Brickwell Town, Dingbian County	China	70	Solar-PV
Photovoltaic Power Generation Project of Jimo Weiyu Power Technology Co. Ltd.	China	20	Solar-PV
Jiangsu Jinhu Zhenghui Solar PV Project	China	100	Solar-PV
Shanghai Guoxin Ningxia Guoxing 300MWp PV Power Project	China	300	Solar-PV
Shanghai Guxin Ningxia Xingsheng 150MWp PV Power Project	China	150	Solar-PV
Kerchin Right Front Banner Xinsheng Photovoltaic Power Co. Ltd. 67.3MW photovoltaic power generation project for poverty alleviation	China	67.3	Solar-PV
Kerchin Right Wing Central Banner Xinhui Photovoltaic Power Co. Ltd. 29.525MW photovoltaic power generation project for poverty alleviation	China	29.525	Solar-PV
Kulunqi Cooperation Photovoltaic Co. Ltd. 23.2MW photovoltaic power generation project for poverty alleviation	China	23.2	Solar-PV
Baotou city coal mining subsidence area photovoltaic leading technology base 100MW power generation project	China	100	Solar-PV
Inner Mongolia Baotou 50MW runner power plant project	China	50	Solar-PV

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
Heilongjiang Anda Livestock Farm Phase II 100MW PV Parity Project	China	100	Solar-PV
Shanxi International Energy Tianzhen 50MW PV Power Project	China	50	Solar-PV
Xixiang County Bailongtang Township Agro-optical Industry 20MWp Grid-connected photovoltaic power projects	China	20	Solar-PV
CGNPC Shanxi Yuzi 55MW PV	China	55	Solar-PV
CGNPC Shanxi Ningwu 55MW PV	China	55	Solar-PV
Shanxi Tianzhen 50MW PV Power Plant Project Operation and Maintenance Project	China	50	Solar-PV
Zhangjiakou "Olympic Landscape City " multi-energy complementary integration and optimization demonstration project 30MW photovoltaic power project and 10MW energy storage project Development and construction management transfer contract	China	40	Solar-PV + Energy Storage
Quyang North Qingyangguan 200 MW Affordable Photovoltaic Power Plant Project	China	200	Solar-PV
Jingneng Abaga Banner Sand Green Ecological Management 100MWp Photovoltaic projects	China	100	Solar-PV
Daliyulong Shayuan 50MWp Agro-solar Hybrid Project and Daliyulong Shayuan Phase II 50MWp Farm-to-Solar Complementary Affordable Photovoltaic Power Generation Project	China	100	Solar-PV
Bajing Coal Roosevelt Ceramics 30MWp Rooftop Distributed Photovoltaic power projects	China	30	Solar-PV
HuYetong 50MW PV Project in Xinfu District, Xinzhou, Shanxi	China	50	Solar-PV
Tianrun III 30MW PV Power Project in Sheli Town, Daan City Purchase and sale of solar modules	China	30	Solar-PV

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
CGNPC Shanxi Ningwu 5MW Supplementary PV EPC Project	China	5	Solar-PV
Qingdao Xiaoxing Steel Cord 3MW Distributed Photovoltaic Power Generation Project	China	3	Solar-PV
80MW Affordable Agricultural Photovoltaic Power Generation Project in Shuanbu Town, Xinlong, Luoding City EPC turnkey contract	China	80	Solar-PV
Baotou Baogang Group Tailings Dam 500MW PV Comprehensive Management Project	China	500	Solar-PV
Ningxia Province Ningdong Guoxing 300MW Photovoltaic Project	China	300	Solar-PV
Ningxia Province Xingsheng 150MW Photovoltaic Project	China	150	Solar-PV
Dali County Shayuan 100MW Photovoltaic Project	China	100	Solar-PV
CNNC Yangshan County 300MW Photovoltaic Project	China	330	Solar-PV
Pakistan K2K3	Pakistan	200	Nuclear Power
Guangdong Yangjiang	China	2000	Nuclear Power
Fangchenggang in Guangxi	China	2000	Nuclear Power
Guangdong Lufeng Nuclear Power Project	China	4000	Nuclear Power
Zhangzhou Nuclear Power Project 2×1160MW	China	2320	Nuclear Power
Washtead Phase I Operation and Maintenance Project	Iraq		O&M Services
O&M and training programs for WASSIT I and II	Iraq	1320	O&M Services
WASSIT O&M and Training III Project	Iraq	2540	O&M Services

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
WASSIT O&M and Training IV Project	Iraq	2540	O&M Services
Iraq Operations and Maintenance V	Iraq	2540	O&M Services
WASSIT O&M and Training VI Project (FY19)	Iraq	2540	O&M Services
EPC contract for a block of coal mines in Pakistan's coalfields	Pakistan		Coal Mining
Shanxi Guangling County 40MW Wind Power Project	China	40	Wind Power
Zhangjiakou "Olympic Landscape City" 150MW Wind Farm Project	China	150	Wind Power
Shanxi Pinglu Liujiayao 98MW Wind Power Project	China	98	Wind Power
Jiangxi Dongrun Huaneng Shaping and Xazao Wind Farm 88MW Wind power projects	China	88	Wind Power
Shanxi Guangrui New Energy Buziwan Township Wind Power Project	China	100	Wind Power
Jiangsu Jinhua Guorun New Energy Yintu 99MW EPC general contracting for wind power projects	China	99	Wind Power
Inner Mongolia Power (Group) Co., Ltd. Comprehensive Energy Company Daoxi Industrial Park 10MW Decentralized Wind Power Phase I Project	China	10	Wind Power
Shenchi Baye Liang Wind Farm Operation and Maintenance, Overhaul Project	China		Wind Power
Shanxi International Energy Group New Energy Investment & Management Co., Ltd. Ying County Changchenggou Wind Farm Operation and Maintenance, Overhaul Project	China		Wind Power
Guangling County Douquan Wind Farm Operation and Maintenance, Overhaul Project	China		Wind Power

Project Name	Country Or Area Of Residence	Installed Capacity (MW)	Power Generation Type
CGNPC Huizhou and Houhu Offshore Wind Farm Wind Turbine Installation Project	China	184	Wind Power
Baoding City water supply, power supply, heating and property heating renovation project	China		Heating Renovation
Smart Energy Demonstration Project in Minhang Industrial Zone	China		Integrated Energy
Luhua - Henan Xixia County 1×30MW Biomass Cogeneration Project	China	30	Biomass Power Generation
China Resources Power Caoheidian 30MW Biomass Cogeneration Clean heat project	China	30	Biomass Power Generation
Xixia County Baoneng Renewable Energy LTD 30MW Biomass CHP Project Construction Project	China	30	Biomass Power Generation
Golmud Meiman New Energy Technology 32MW/64MWh Energy Storage Power Plant Project PC general contracting	China	64	Energy Storage
Yangxi A Plant #1, #2 Unit Energy Storage and Frequency Regulation EPC Project	China	26	Energy Storage





THANKS



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