



HEAG[®]

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Huayi Electric Co.,Ltd.

Stock Code: 600290

Add: No 228, Central Avenue, Yueqing Economic Development Zone,
Zhejiang Province, China, 325600

Tel: +86 577 62661018/62661019

Official Website: <http://www.heag-en.com>

E-mail: international@heag.com

SINCE 1986



Develop new energy
to create a new life !

ABOUT US

Huayi Electric Apparatus Group (hereinafter HEAG) is a leading electric manufacturer since 1986. Our company is based in China with its HQ located in Wenzhou City, Zhejiang Province. We are a large-scale Private Enterprise Group comprised of 7 subsidiary companies, 6 joint-venture companies and over 100 members enterprises.

HEAG is listed on the Shanghai Stock Exchange since 2007 (code: 600290). From the beginning of the Millennium, we have been the trusted partner and supplier for many high profile projects around the world. With an ever growing expansion and presence we engineer for the future providing pioneer power systems in the fields of MV/HV Power transmission & distribution, and Wind turbine technology.

Our uncompromising dedication is driven by an international, innovative and responsible mindset which spear heads the evolution on the electrical industry. Relentless passion introduces the world advanced technology through solid cooperation with global famous enterprises as Toshiba, ABB, Schneider and Aerodyn. Our strong work and research ethos offers an unmatched reliability, with an unprecedented and unparalleled quality which highlights the reason why they trust us!



E Leading E xcellence



THE FIRST WELL-KNOWN
TRADEMARK OF CHINA IN
HV APPARATUS INDUSTRY

- Top 100 of China's Electric Enterprises
- Top 10 of China's Leading Enterprises in Electric Apparatus Manufacturing
- Top 500 of Global New Energy Enterprises
- Key High-Tech Enterprise under the National Torch Program
- Top 500 of China's Mechanical Enterprises
- Managing Director, Chamber of HV Apparatus Industry
- Top 500 of China's Private Enterprises
- Vice Managing Director, Chamber of Wind Power Industry



HEAG is conveniently located in the nation's most important business centers.

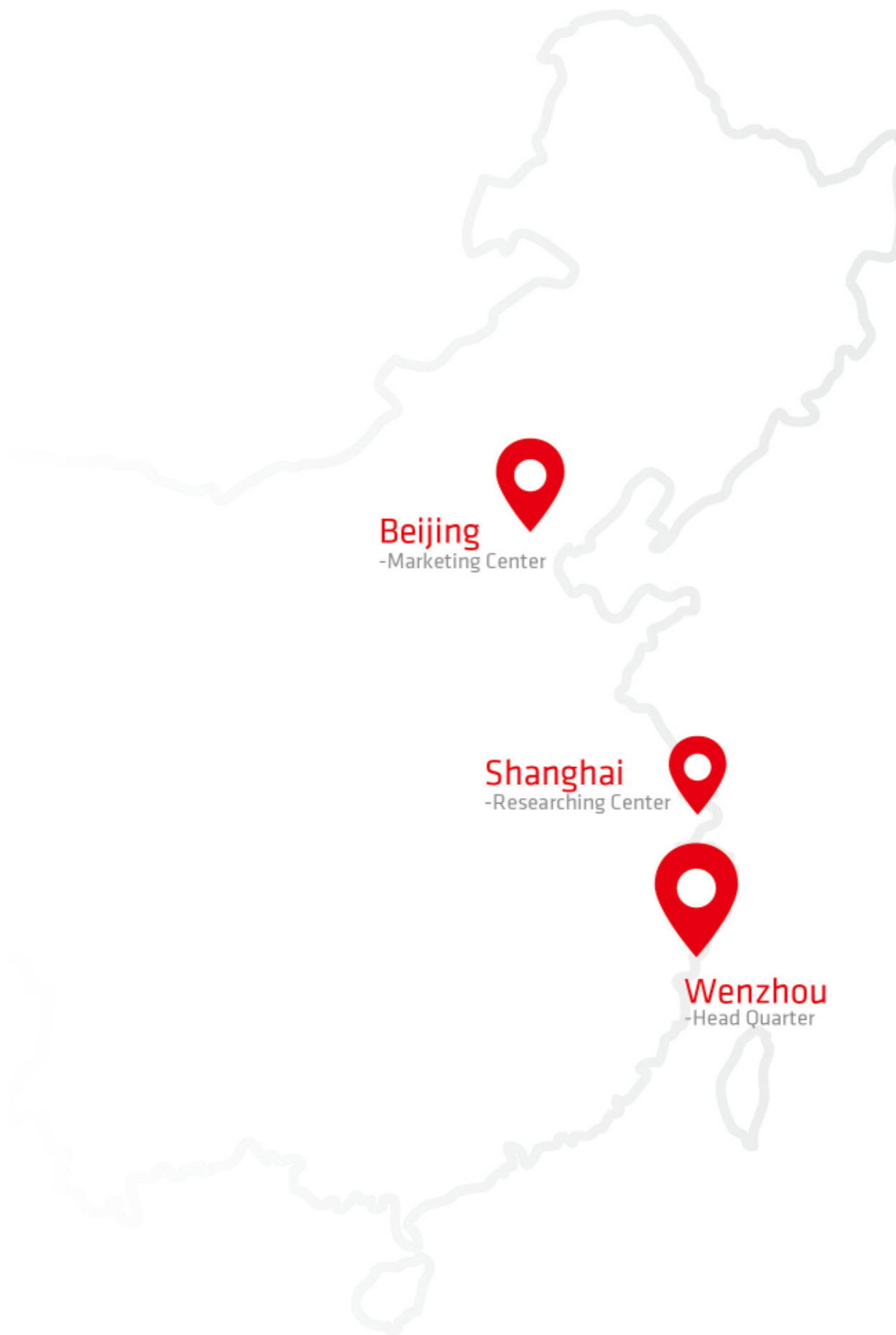
Electric Industry

- Huayi Complete-Set of Switchgear Division
- Zhejiang Huayi Electric Science & Technology Co.,Ltd.
- Huayi Switching Component Division
- Huayi HV Switch Division
- Xinying Huayi Switch Co., Ltd.
- Sichuan Huayi Electric Apparatus Co.,Ltd.
- Zhejiang IPT Power Technology Co.,Ltd.

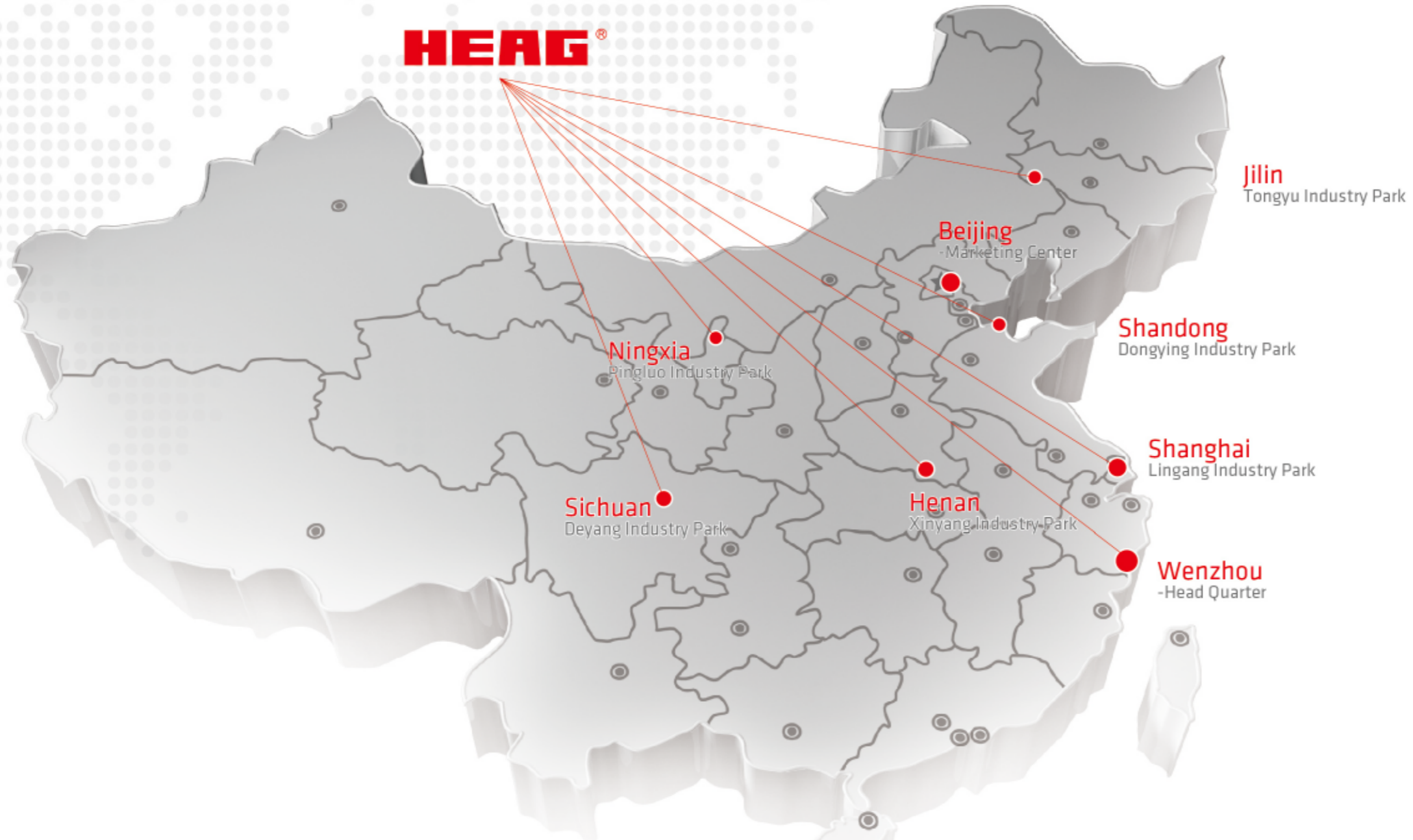


Wind Power Industry

- Huayi Wind Energy Co., Ltd.
- Shanghai Huayi Wind Energy Electric Co., Ltd.
- Huayi Wind Energy (Tongyu) Co., Ltd.
- Huayi Wind Energy (Dongying) Co., Ltd.
- Huayi Wind Energy (Ningxia) Co., Ltd.
- Heilongjiang Lishu Wind Energy Co., Ltd.
- Beijing Huashi New Energy Wind Energy Engineering Co., Ltd.



HEAG®



- ① Eastern-China Manufacturing
Shanghai Lingang Industry Park, Zhejiang Yueqing Industry Park
- ② Central-China Manufacturing
Henan Xinyang Industry Park, Shandong Dongying Industry Park
- ③ North-East Manufacturing
Jilin Tongyu Industry Park, Heilongjiang Lishu Industry Park
- ④ North-West Manufacturing
Ningxia Pingluo Industry Park
- ⑤ South-West Manufacturing
Sichuan Deyang Industry Park

Product Range

252kV

Disconnect Switch:

GW48-252 Outdoor HV DS

GW49-252 Outdoor HV DS

Earthing Switch:

JW6-252 Outdoor HV Earthing Switch

110kV

Gas Insulated Switchgear:

ZFW41-126(GIS) Gas Insulated Switchgear

Disconnect Switch:

GW4-72.5/126/145 D(W) Outdoor HV DS

GW5-40.5/72.5/126/145 Outdoor HV DS

Circuit Breaker:

LW36A/B-72.5/126/145 Outdoor HV SF6 CB

40.5kV

Circuit Breaker:

VHY1-40.5 Indoor AC HV CB

ZN12-12/40.5 Indoor AC HV CB

ZN12-12/40.5 Indoor AC HV CB

ZN12-12/40.5 Indoor AC HV CB

ZN85-40.5 Indoor AC HV CB

ZW27K-12 Outdoor AC End-user Sectionalized VCB

ZW37-40.5 Outdoor HV AC VCB

ZW37S-40.5 Outdoor HV AC Permanent-magnet VCB

Disconnect Switch:

GN27-40.5 Indoor AC HV DS

GN30-12 Rotary Indoor AC HV DS

GW□ -12/40.5 Outdoor HV DS

GW4-12/40.5 Outdoor HV DS

Load Break Switch:

FZ(R)N21-40.5(D) Indoor HV AC Vacuum LB Switch -Fuse Combination

FKW18-12/24/40.5 Outdoor AC HV LB Switch

FZW32-12/24/40.5 Outdoor HV Vacuum LB Switch

Switchgear:

KYH1-40.5 Model Withdrawable AC Metal-clad Switchgear

KYN61-40.5 Withdrawable AC Metal-clad Switchgear

YB□-40.5 series packaged substation for wind turbines

ZGS11-Z.F-40.5 Combined Transformer Device for Wind Turbines

Earthing Switch:

JN15(A)-12/24/40.5 Indoor AC HV Earthing Switch

12kV

Circuit breaker:

CHZ7-12/17.5/24 Outdoor AC HV auto-recloser CB

VHY1-12/24 Indoor HV AC VCB

VS1-12 Indoor HV AC VCB (Side-mounted)

ZN65-12 Indoor HV AC VCB

ZN73D-12 Indoor AC HV VCB

ZW20A-12/24 Outdoor HV AC VCB

ZW43(A/D)-12/24 Outdoor HV AC Permanent-magnet VCB

ZW53-12 Outdoor HV VCB

Disconnecter:

GN19-12(C) Indoor AC HV DS

GWHY2-24 Outdoor HV AC DS

Load Break Switch:

FDZ11-12 Outdoor HV Sectionalizer

FLW34-12/24 Outdoor HV SF6 LB Switch

FRHY1-12 Indoor HV Vacuum LB Switch-Fuse Combination

FZRN21-12D Indoor AC HV Vacuum LB Switch-Fuse Combination

FZW28 (VSP5)-12 Outdoor SF6 Insulation Vacuum LB Switch

FZW28F-12 Outdoor HV AC Vacuum LB Switch

Switchgear & Substation:

KYH1-24 Model Removable AC Metal-clad Switchgear (3.6-24kV);

KYN28-12 Withdrawable AC Metal-clad Switchgear (3.6-12kV);

MVnex-12 Withdrawable AC Metal-clad Switchgear (3.6-12kV);

SMART-01 Load Monitor and Control Switch (12kV);

XGHY3-12 Cable Network Intelligent Boundary Switch Cabinet

XGHY6-12 Isolating Cabinet Switching Station/ Outdoor Switch Box

XGN□-12 Voltage-type Load Switch Cabinet/ Cable Network Boundary

Load Switch Cabinet

XGW9-12 Box-Type Fixed AC Metal Enclosed Switchgear

YB□-12/24 series HV/LV pre-fabricated substation

YB27-12 HV and LV pre-fabricated substation

BTZH1-12 Power telemechanic intelligent box-type substation for

passenger dedicated railway

ZGS11-Z.F-12 Combined Transformer Device for Wind Turbines

0.38-0.6kV

Switchgear:

GCS LV Withdrawable Switchgear (380 or 600 V)

GGD AC LV Switchgear (380 or 415 V)

MNS LV Withdrawable Switchgear (660V)

Blokset (660V)

Automations:

HYP400 Protection Relay

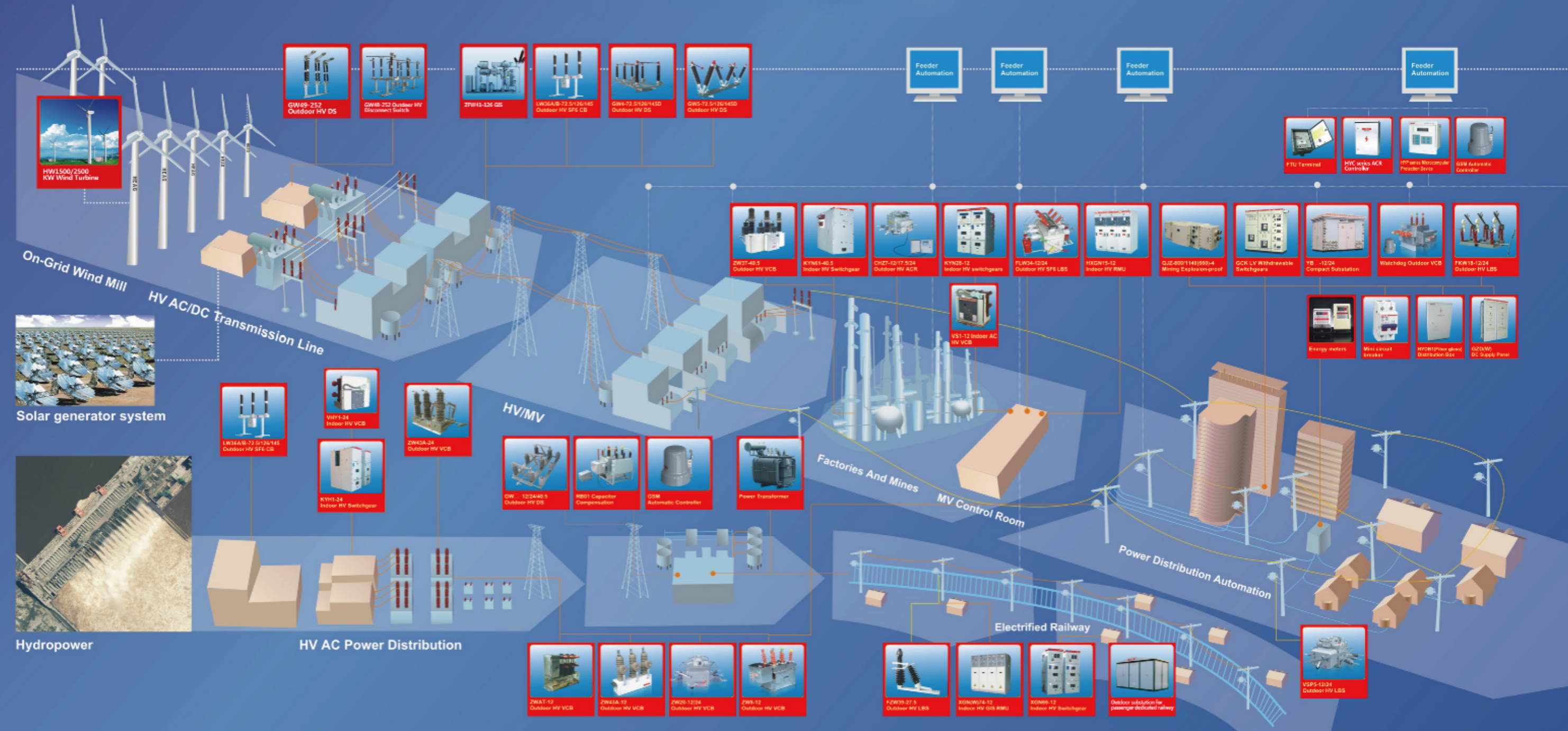
HYP600S Protection Relay

HYP-1000 series Microcomputer Protection Relay

HVC-2600 Series Outdoor Automatic Remote Feeder

Terminal Unit (FTU)

Power Solution



Develop new energy to
create a new life





R&D

At HEAG, research and innovation is at the essence of what we do. It is our dedication to relentlessly strive for pioneering research that delivers complete results. Our Research and Development center has produced remarkable results independently and in co-operation with world famous actors in the field of R&D. We have established a well-entrenched relationship with our global partners which reflects our spear headed edge. We frequently venture with top class Universities to conduct pioneer research, such as Tsinghua University and Zhejiang University.

Wind Power Industry

- International Design Development Platform: Cooperation with global wide well-known companies.
- Cooperation with Domestic Institutions + Universities: Long Term Cooperation with Tsinghua University and Zhejiang University for Electrical Research.
- Alliance with Parts Suppliers for Improving Parts Quality.
- Independent R&D Platform: Continuous improvement by adhering to external supervision.

Partners



ABB

Schneider
Electric

TOSHIBA 东芝



SIEMENS / IUIIN

Electric R&D Benchmarks





Quality Assurance

All of our products pass through a vigorous quality testing in order to assure the quality of each individual unit.

Why We Are Trusted

Our Quality Assurance Department has over two decades of experience, the team consists of more than 70 personnel. We provide on-site supervision and all the equipment are tracked through our quality transaction tracking system.



We Care About Our Products

- Certification Management System for Parts suppliers
- Evaluation Grading Management System for suppliers
- Product supervision Control System
- Product Inspection & Control System

Service Guarantee

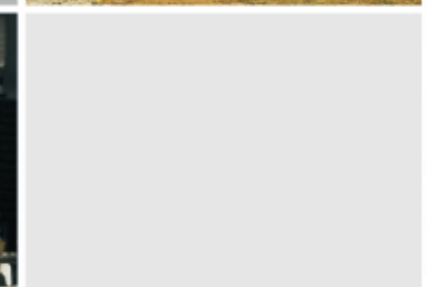
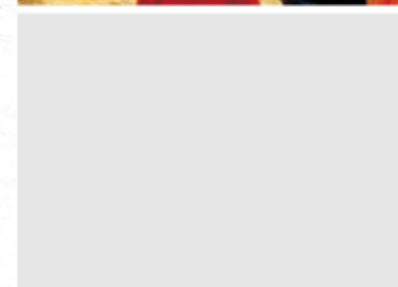
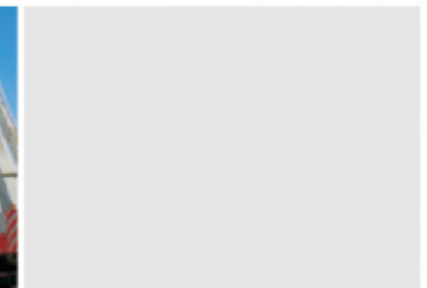
We are passionate about our products, we provide excellent after sale support to guarantee the satisfaction of our customers.

After-Sales Support

Our company provides after sales support for the following fields:

- Technology consulting
- System solutions
- Installation guide
- Commissioning and operation
- Equipment warranty
- Spare parts support
- Training support

Our service team is available at any time. The service process is transparent, with direct communication and cooperation between each department to efficiently satisfy any client needs. We keep a record of all the transactions and information received to assure the quality performance of our services.



Projects

Reliability through excellence and superior performance makes us stand out in the market. Our products are trusted all around the world.



Countries

Angola	Albania	Australia
Bangladesh	Argentina	Bulgaria
Burma	Belarus	Chad
Chile	Canada	Croatia
Cyprus	Colombia	Dominican Republic
East Timor	Denmark	Egypt
El Salvador	Ecuador	Estonia
Georgia	Equatorial Guinea	Ghana
Greece	Germany	Iran
India	Hong Kong, China	Italy
Iraq	Indonesia	Korea
Japan	Israel	Lithuania
Laos	Kenya	Myanmar
Mongolia	Lebanon	Nigeria
Nepal	Mongolia	Philippines
Pakistan	New Zealand	Ruanda
Poland	Peru	Serbia
Russian Federation	Romania	South Korea
Singapore	Saudi Arabia	Tajikistan
Spain	South Africa	The Netherlands
Tanzania	Switzerland	U.S.A.
Turkey	Thailand	United Kingdom
Uganda	U.A.E.	Yemen
Venezuela	Ukraine	
	Vietnam	

Power Station Projects:

Fushun power plant, Shanxi Zhangshan Power Plant, Dalian Ganjingzi power plant

Railway Projects:

Shi jiazhuang-Wuhan Dedicated Passenger Line, Chengdu-Kun ming Line, Guangzhou-Zhuzhou Railway

Airport Projects:

Shenzhen airport

Steel and Iron Projects:

Panggang Group Co Ltd, Hangzhou Iron & Steel Group Company

Sports Projects:

The Beijing Olympic Village Project The Olympic Park Project

Coal Mine Engineering:

Shanxi Lu'an Group, Chinacoal Pingshuo coal Co. Ltd, the Huozhou Coal Electricity Group Co. Ltd, Huaibei Mining (Group) company

Other Projects:

The Ethiopian FAN Hydropower project, China Mobile Group Shanxi Company Limited, ADB loan in Haihe River Basin pollution control project, SINOHYDRO Corporation Limited, the South-to-North Water Transfer Project, Jiangxi People's Hospital, Nine Dragons Paper, Chinese Flight Test Establishment, Inner Mongolia Datang International Ke Qi coal gas Engineering

Global Success

HEAG products have been trusted in various projects around the world. Today, our company aspires to expand its market presence in new horizons with trustful partners that can deliver as we do!



Project Name: Elimination Dangers of 2008 Beijing Olympics Project

Type: Transmission and distribution project
 Our company was honored to participate in the grid network connection project called "0811" during the ongoing preparations for the Beijing Olympics. The scope was to construct 86 new stations and to improve 22 existing in order for the cope with the capacity of 10 kV. We supplied our pole-mounted vacuum switches helping to increase the network capacity to 24.59MVA as well as guarantee that the grid would cope even with the most extreme conditions.



Bullet Train Project in Guangzhou

Type: Railway transmission
 Our company is proud to participate in one of China's most expensive infrastructure projects and a symbol of its long-term ambitions the bullet train project in Guangzhou. This line covers mostly the south of the country and the Pearl River Delta. Our mission is to provide high-quality products for the railway communication, signals, traction power supply and electricity system for the project construction.



Neijiang-Kunming Railway

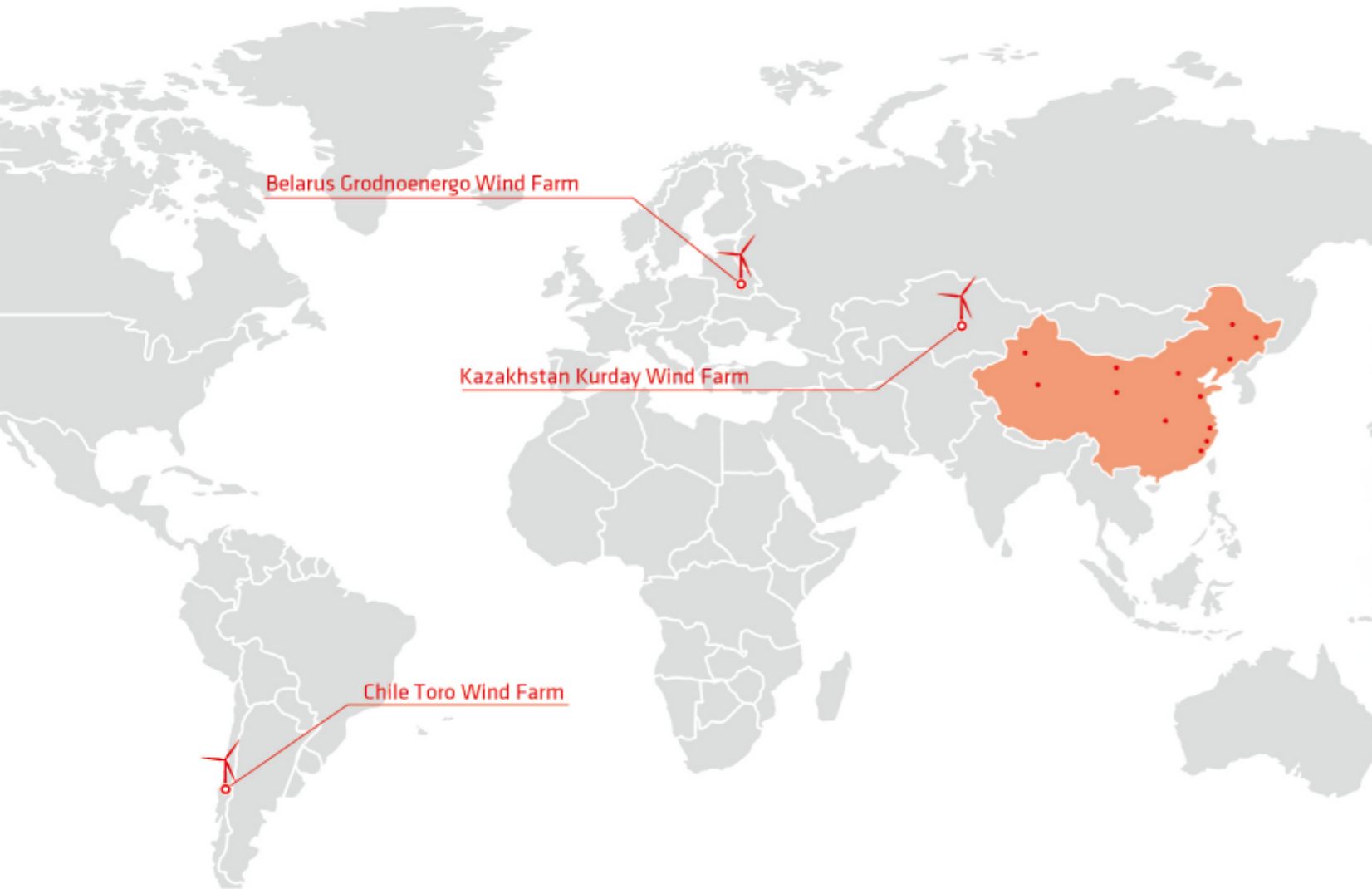
Type: Railway transmission
 Huayi had the privilege to participate in the construction of the Neijiang-Kunming railway. This line runs for 872km from Sichuan-Basin to Yunnan-Guizhou plateau between high mountains, deep valleys with extreme weather conditions making the projects one the most extremely difficult and complex.



Three Gorges Dam

Type: Generation and distribution project
 Huayi was trusted to participate in the largest engineering project in China and biggest hydroelectric station in the world, the Three Gorges Dam. Our company was tasked with providing the power system equipment and security expertise needed for the construction and maintenance of the project.

Performance in Wind Power



China Power Investment

China Power Investment inner Mongolia MeiYaoshan Wind Farm
 ShiZui Mountain NingXia ZhongRui Wind Farm Phase I
 ChengDa ShanXi FanZhi YunWuYu Wind Farm Phase I /Phase II
 Zhejiang ShangHai Electric Power Tian Tai Mountain
 China Power Investment NingXia PingLuo HongYaZi Wind Farm
 China Power Investment NingXia PingLuo WuDuiZi Wind Farm
 China Power Investment NingXia ShiZui Mountain
 HuNong(LuoShiTang) Wind Farm
 China Power Investment HeiLongJiang JiXiPingGang Wind Farm

China HuaDian

HuaDian Zhejiang ZhouShan ChangBai Wind Farm
 HuaDian Zhejiang ZhouShan XiaoSha Wind Farm
 HuaDian Zhejiang ChangXing BianShan Wind Farm
 HuaDian HuaDe SanSheng Wind Farm Phase I /Phase II
 HuaDian Inner Mongolia Wei Village Wind Farm Phase I /Phase II
 HuaDian Inner Mongolia ZhengLan Banner DaAoBao Wind Farm Phase I /Phase II
 HuaDian Inner Mongolia ZhengLan Banner BeiWeiZi Wind Farm Phase I

China HuaNeng

Huaneng JiLin SiPing XinFeng Wind Farm
 HuaNeng TongYu TuanJie AB Wind Farm
 HuaNeng TongYu XinHua Wind Farm 1C/1D/1E/1F

China GuoDian

GuoDian Zhejiang ZhouShan CenGang Wind Farm
 GuoDian YangJiang HaiLingDao Wind Farm

JinNeng Croup

PingLu YuFeng BaiHuBao Wind Farm Phase I /Phase II
 PingLu HongShiMao Wind Farm Phase I
 ShanXi FuGuang PingLu BaiHuBao Wind Farm Phase I Expansion/Phase II

China GuoHua

GuoHua GuangRao Wind Farm Phase I

WenZhou New Energy

WenZhou New Energy CangNan XiaGuan Wind Farm
 WenZhou New Energy PingYang West Bay Wind Farm

ZhongHang New Energy

The CNAC JinZhou BaiLingMiao Wind Farm

NingXia DaLiSi

NingXia DaLiSi HeLan Mountain TouGuan Wind Farm Phase I

NingXia Electric Investment

NingXia Electric Investment Sun Mountain Wind Farm Phase I

Huayi Electric

DongTou DeMen Island /LuXi Island Wind Farm

LinDian DongMing Yuan

DaQing LinDian HuaYuan Wind Farm
 DaQing LinDian DongMingYuan Wind Farm

UPC Renewables

UPC Zhejiang HuangYan Wind Farm
 UPC Guangxi QuanZhou LiuZijie Wind Farm

Oversea Projects

Belarus Grodnoenergo Wind Farm
 Chile San Diego Toro Wind Farm Phase I /Phase II
 Kazakhstan Kurday Wind Farm



Kazakhstan Kurday Wind Farm

Chile San Diego Toro Wind Farm Phase I

Belarus Grodnoenergo Wind Farm

Corporate Social Responsibility

Here at HEAG, staff is our most important asset, we care for our society and we endeavour to provide support by all means possible. Our commitment for a healthier environment and society reflect the active support of charity events, volunteering activities and frequent organisation of environmental actions by HEAG.

- 1 HEAG was honored with Outstanding Achievement Award of China Charity Federation in 2014
- 2 Raise money for Hope Primary School
- 3 Donation to under privileged college students
- 4 Donated sport equipment and books to local schools in 2005



Environmental Protection:

We heavily invest in green energy and water treatment facilities, while actively participate in events to promote environmental protection.

- 5 HEAG Donated for local area wastewater treatment in 2013
- 6 Initiative of HEAG employees to clean the river
- 7 Sewage treatment in local areas

Philanthropy + Volunteering

- 8 Annual blood donation
- 9 Supporting the elderly in rural areas

Disaster Relief

- 10 Raising money for the earthquake-struck area in Sichuan province in 2008
- 11 Donation of more than 4 million yuan in cash and goods for disaster area relief in 2008



Develop new energy to
create a new life