



Reliable Power Since 1958



# WHO WE ARE

Your Reliable Transformer Manufacturer & Solutions Partner.

We are an advanced transformer factory to design, produce and supply distribution and power transformers, located in Nansha District, Guangzhou City, Guangdong Province of China.

 **67<sup>+</sup>**  
Years' Experience

 **100,000m<sup>2</sup><sup>+</sup>**  
Factory Area

 **600<sup>+</sup>**  
Employees

 **70<sup>+</sup>**  
Countries Worldwide Exported

 **200K<sup>+</sup> Units**  
Global installations about

 **100k<sup>+</sup> Units**  
Global new energy projects supplied



**1958**

Being established in Panyu, Guangzhou, the company originated from an electrical machinery factory.

**1979**

The first 20MVA, 110kV power transformer was commissioned.

**2007**

Being expanded into the new energy applications sector

**2010**

Being expanded into the nuclear power sector

**2015**

Officially renamed as Pearl Electrical Co., Ltd.

**2024**

Being expanded to new manufacturing facility in Nansha Dist, Guangzhou

**SINCE 1958**

# WHAT WE HAVE

## New Smart Factory

Smart Transformation, Efficiency Revolution



Digital Winding Machines



Intelligent Cutting Lines



Smart Warehouse



Fully Automatic Casting Systems



Data Integration, Streamlined Collaboration



Rooftop Photovoltaics with Low-Carbon Efficiency

## Innovation & Technology

 **60+** Intellectual Property

 **4** Intelligent Test Stations  **5** Specialized Laboratories

 Member of the National Transformer Standardization Committee

 Member of the IEC Standardization Working Group

 National Science and Technology Progress Award

 Postdoctoral Research Station Academician Expert Workstation

# Product Line



Dry Type Transformer

66kV and below,40MVA



Oil-immersed Transformer

230kV and below,150MVA



Pad-Mounted Transformer

34.5kV and below,10MVA



Compact Substation Transformer

66kV and below,20MVA

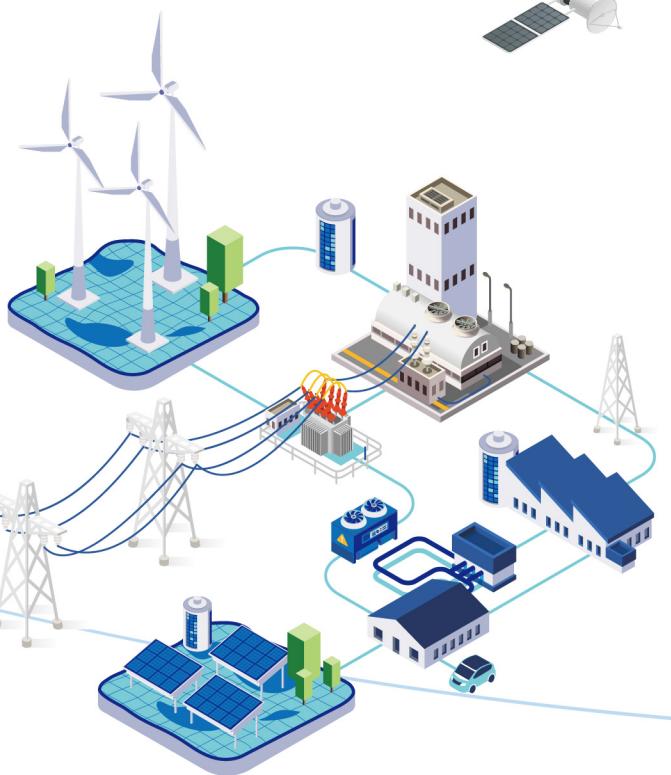


## WHAT WE HAVE DONE

### Application Including

#### Power Generation:

- Nuclear power
- Hydropower
- Thermal power
- Wind power
- Solar Power
- Energy storage



#### Power Transmission:

Power Grid

#### Power Distribution:

- Industrial Facilities
- Commercial Buildings & Infrastructure
- Residential
- Transportation
- Telecommunications
- Data Center

# Application Cases



01 **Harmony·United Kingdom**  
Energy Storage Project  
3300kVA All-in-one BESS  
Power Conversion Station



02 **NEOM·Saudi Arabia**  
Onshore Wind Farm Project  
7200kVA Transformer  
Substation



03 **Canada**  
Wind Energy Project  
8700kVA Transformer  
Substation



04 **Malaysia**  
Solar Plant Project  
3500kVA Oil Transformer



05 **Guri·Venezuela**  
Hydropower Plant Project  
5300kVA Excitation Dry Type  
Transformer



06 **South Africa**  
Municipality Power Station  
Project  
20MVA Oil Power Transformer



07 **Mexico**  
Cement Plant Project  
2500kVA Oil Transformer



08 **Finland**  
Shipyard Project  
4250kVA Water-cooled Dry  
Type Transformer



09 **Singapore**  
Onshore Charging Project  
2100kVA Pad-mounted  
transformer



10 **Philippines**  
Residential Project  
1500kVA Pad Mounted  
Transformer



11 **China**  
Global U.S. Data Center Project  
4200kVA FR3 Oil Transformer



12 **Macao·China**  
Commercial Hotels Project  
1600kVA Oil-immersed  
Transformer

\*Exported to over 70 countries worldwide, including Europe, the Americas, Oceania, the Middle East, Asia, Africa, and more.

## After-sales Guarantee



## Contact Us

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