



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⁺**
Years' Experience

 **100,000m²⁺**
Factory Area

 **600⁺**
Employees

 **70⁺**
Countries Worldwide Exported

 **200K⁺ Units**
Global installations about

 **100k⁺ 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.

2020
Being expanded into the defense sector

2022
Being expanded into the offshore wind power applications sector

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

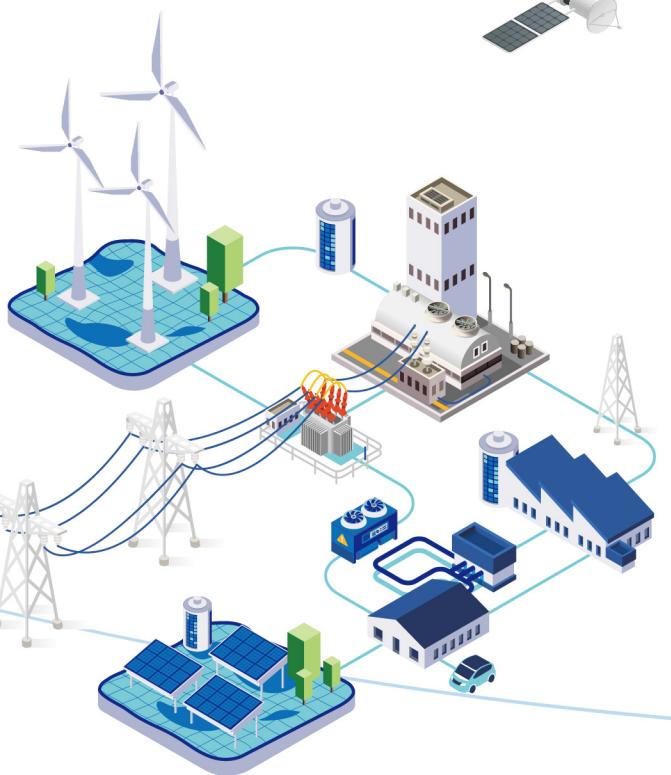
66kV and below,20MVA



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

-  No.220, Tanxin Rd., Dagang Town, Nansha Dist.,
Guangzhou City, China P.C. 511470
-  008618826241798
-  oversea2@pearlelectric.com
-  www.pearlelectric.com

