



# RELIABLE PARTNER FAVOURABLE CHOICE

Delivering premium power  
to the world

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# 01 Company Profile

Founded in 1990, CEEG, a modern enterprise that integrates research, development, manufacturing and sales, guided by the concept of “safety, energy efficiency and environment protection”, is dedicated to the research and development as well as Production of Power Transmission and Distribution Equipment, New Energy + Energy Storage Solutions and New Internet.

With three major production bases in Nanjing Binjiang, Yangzhong and Jurong, covering a total area of 600 acres, CEEG has an annual production capacity of 40,000 MVA transformers.

The main products include the Dry type Transformers, Oil-immersed Transformers, Special Transformers, Prefabricated Substation, Switchgear and All-in-one energy storage systems etc.

Currently the company has established a strategic layout for internationalizing its brand and globalizing its services and is transitioning towards “globalized manufacturing + terminal solutions + services”, striving to make CEEG the world's first choice through better products and services.



# DEVELOPMENT PROCESS

1990  
Microwave Detector

1992  
Power Transmission  
and Distribution

2004  
New Energy

2007  
System Solution

2018  
Intelligent Electricity  
Distribution System

2022  
New Energy Integrated  
Storage System



## ▶ Nine Standards

- ▶ Code for Design of Photovoltaion
- ▶ Technical Requirements for Tracking System
- ▶ Code for Construction of Photovoltaic Power Station
- ▶ Technical Code of PV Lighting Devices
- ▶ Acceptance Code For Independent PV System
- ▶ Technical Requirements For Protection of PV Power Station Against Lightning
- ▶ Code for Construction Organization Designing of PV Power Station
- ▶ Technical Code for Protection Designing of Power Station
- ▶ Technical Code for Protection of PV Power Station Against Lightning
- ▶ Code for Design of PV System Connecting To Distribution Network

# Production Bases



Zhenjiang Yangzhong Production Bases



Nanjing Binjiang Production Bases



Zhenjiang Jurong Transformer Production Bases

## Global Presence



LI Yuanchan, the current Vice President of PRC and the then Secretary Committee of Jiangsu Province, visited CEEG for inspection many times.



On October 22, 2005, then Premier Wen Jiabao visited China Electric Power for inspection.



Wu Xinxiang, Director of the National Energy Administration, visited CEEG.



Miao Wei, Minister of the Ministry of Industry and Information Technology, visited CEEG.



Turkish Energy Minister Taner Yildiz (second from left) cuts the ribbon at the opening ceremony of the CSUN Turkey factory.



On October 29, 2013, Ms. Ellen Kullman, Chairman and CEO of DuPont, visited CEEG.

# 02 Major Business

**a. Power Transmission and Distribution Equipment**



**b. New Energy+ Energy Storage integration**



**c. Energy Internet**



# a. Power Transmission and Distribution Equipment

## Dry and Oil-immersed Transformer



Amorphous Alloy Dry-Type Transformer



SC(B) Epoxy Dry-Type Transformer



110kV High Temperature Resistant Oil-Immersed Transformer



110kV Oil-Immersed Traction Transformer

## Special Transformer



Mining Flame-Proof Dry-type Transformers



Photovoltaic Split Transformer



Auto-Transformer



Variable Frequency Transformer

## Switchgear and Substation



YBF Series Wind power substation



American-Style Substation



European-Style Substation



Switchgear

## b. New Energy + Energy Storage integration

### Energy Storage Overview



215kWh Air Cooling Energy Storage System



100kWh Energy Storage System



200kWh Energy Storage System



372kWh Liquid Cooling Energy Storage System



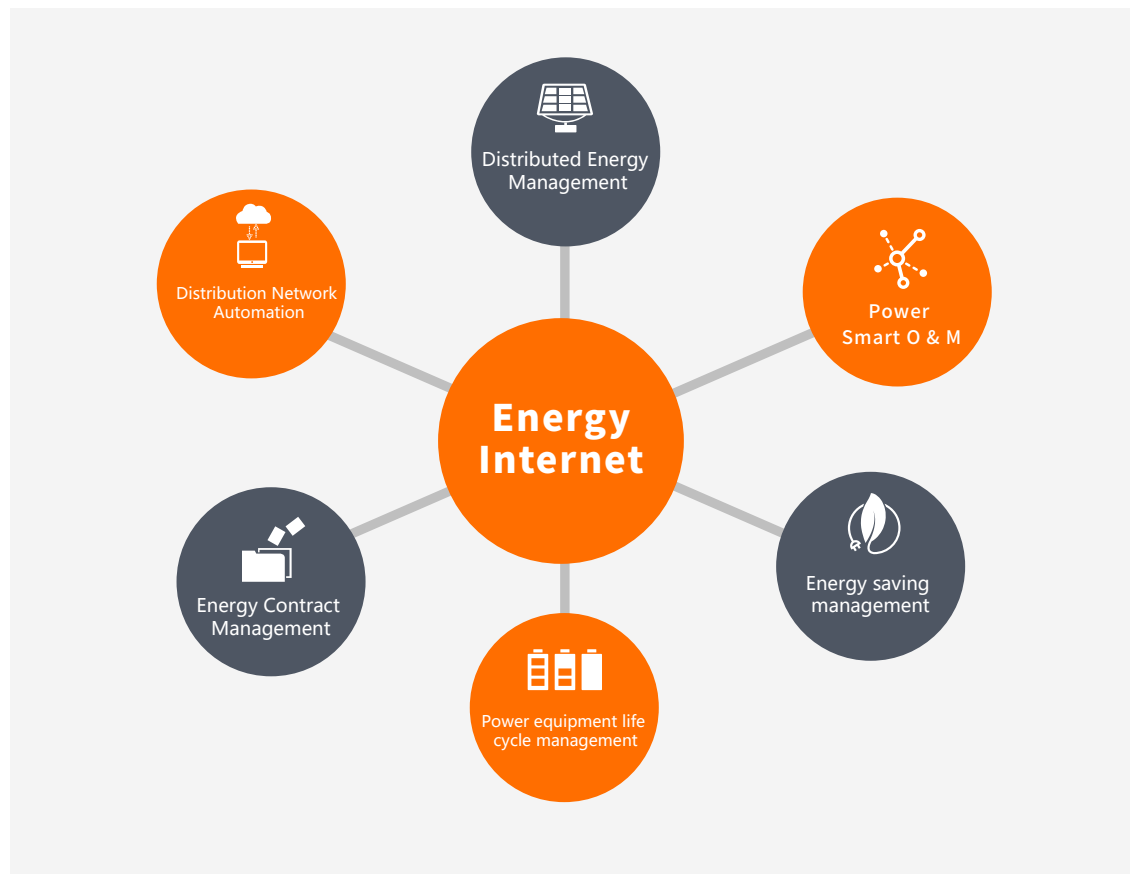
Power Conversion System



1000kWh Energy Storage System

## c. Energy Internet

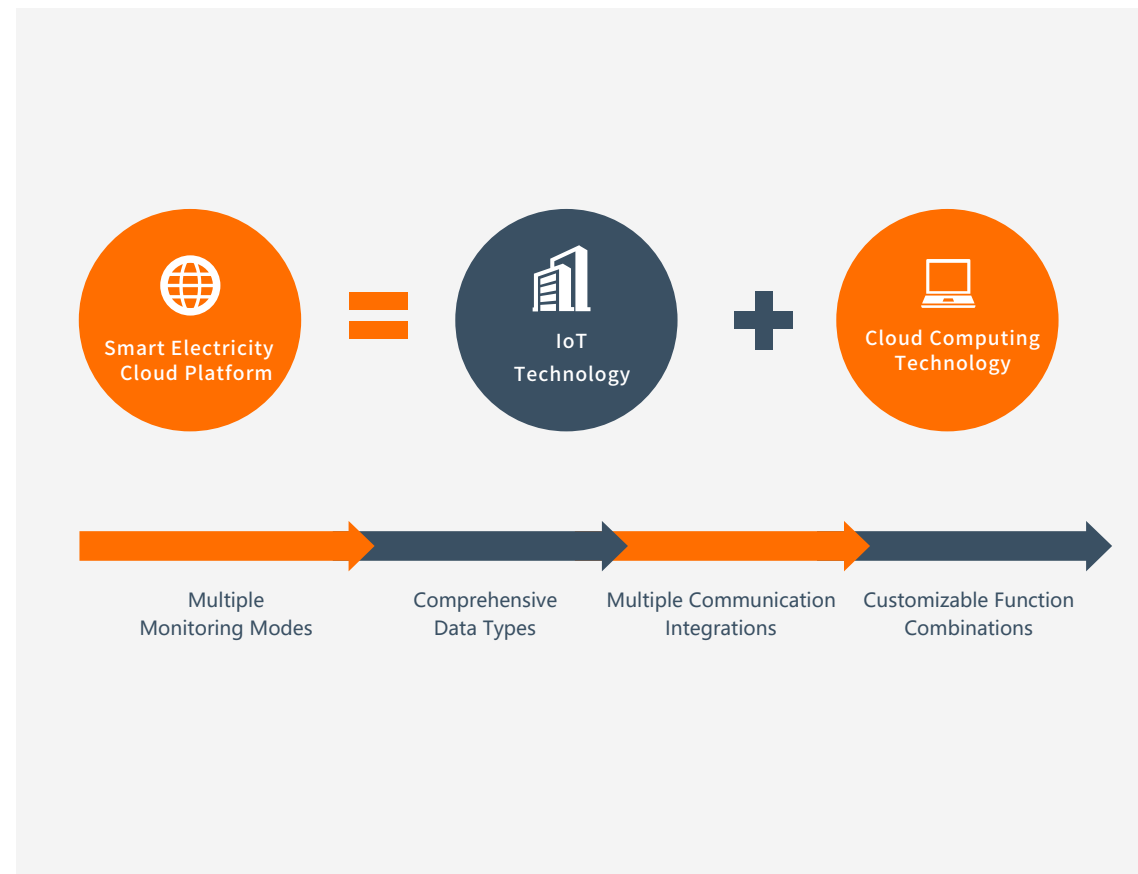
### Introduction to Energy Internet Industry



Safe

Reliable

### Introduction to Energy Internet Industry



Energy-saving

Eco-friendly

# 03 Our clients & cases



# Clients



## cases

### Saudi Aramco Amiral Package 1: Mixed Cracking and Off-Gas Treatment Project

أرامكو السعودية  
saudi aramco



#### Signing Ceremony of Amiral: Petrochemical Expansion of SATORP Refinery

June 24, 2023



Oil-Immersed Transformers for Petrochemical Industrial Project in Saudi Arabia, Asia

#### RamOn Energy Storage Project in Israel

Box-Type Substation  
for New Energy  
Photovoltaic Power  
Generation in Israel, Asia



#### Saint-Gobain High-Temperature Furnace Transformer Project in France

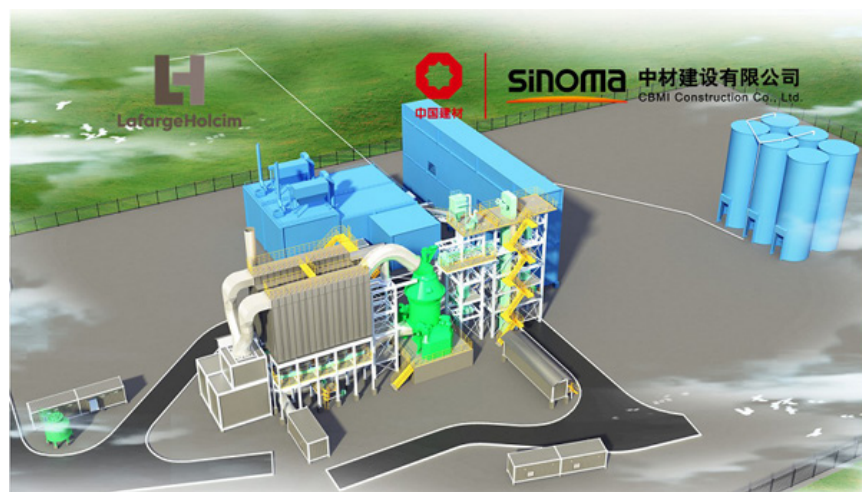
SAINT-GOBAIN

Electric Furnace Transformer  
for High-Temperature  
Furnace - Industrial  
Project in France, Europe



## cases

### Zimbabwe Cement Grinding Station Project



Prefabricated Intelligent Substation for Cement Plant - Industrial Project in Zimbabwe, Africa

### EDEESTE Power Authority Project in the Dominican Republic

Oil-Immersed Transformer for Power Transmission and Distribution - Project in the Dominican Republic, North America



### Saudi Electricity Company (SEC) Energy Storage Project

Prefabricated Substation for New Energy Storage in Saudi Arabia, Asia



## cases

### Envision Energy Storage Station 50MW/200MWh in Ulaanbaatar, Mongolia

Substation for Energy Storage Project in Mongolia, Asia



### Rio Tinto Group - Kitimat Aluminum Smelter Upgrade Project, Canada

Dry-Type Transformer for Electrolytic Aluminum Industry in Canada, North America



### Bangladesh Heidelberg NICK Cement Grinding Plant Project

Oiled-Immersed Transformer for Cement Industry in Bangladesh, Asia



# 04 Our Honors and Certificates





# Certificates



# Advanced production equipment



Amorphous oil-immersed transformer production line



Fully automatic robotic lamination machine



HEDRICH Vacuum Casting Tank



Amorphous alloy strip shearing line



Low voltage foil winding machine



Advanced testing equipment

# Typical performance



Beijing Olympic Wukesong Sports Center



Shenzhou 5 Manned Spaceflight Project



Shanghai F1 Circuit



Shanghai Expo Huangpu River-Crossing Tunnel Project



Beijingnan Railway Station



China International Import Expo



Hong Kong-Zhuhai-Macao Bridge

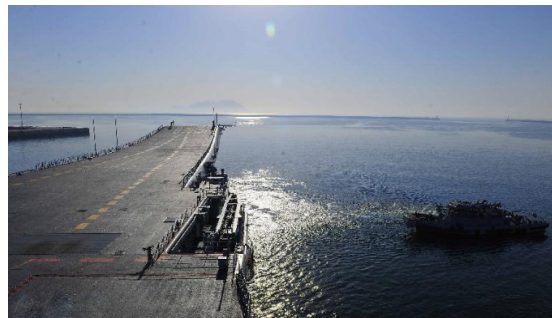


Guangzhou Asian Games Opening Ceremony Main Venue

# Typical performance



Liaoning Aircraft Carrier



Liaoning Aircraft Carrier



China National Offshore Oil Corporation



Qingdao Aircraft Carrier Base



Qingdao Olympic Sailing Command Center



Rocket Force Base



Sino Petroleum Corp



China National Petroleum Corporation

# Typical performance



China's South China Sea Reef-to-Island Project



Nanjing Metro Line 4



Wuxi Metro Group Co., Ltd.



Subic Bay Nuclear Power Plant in the Philippines



Beijing Capital International Airport



China Mobile

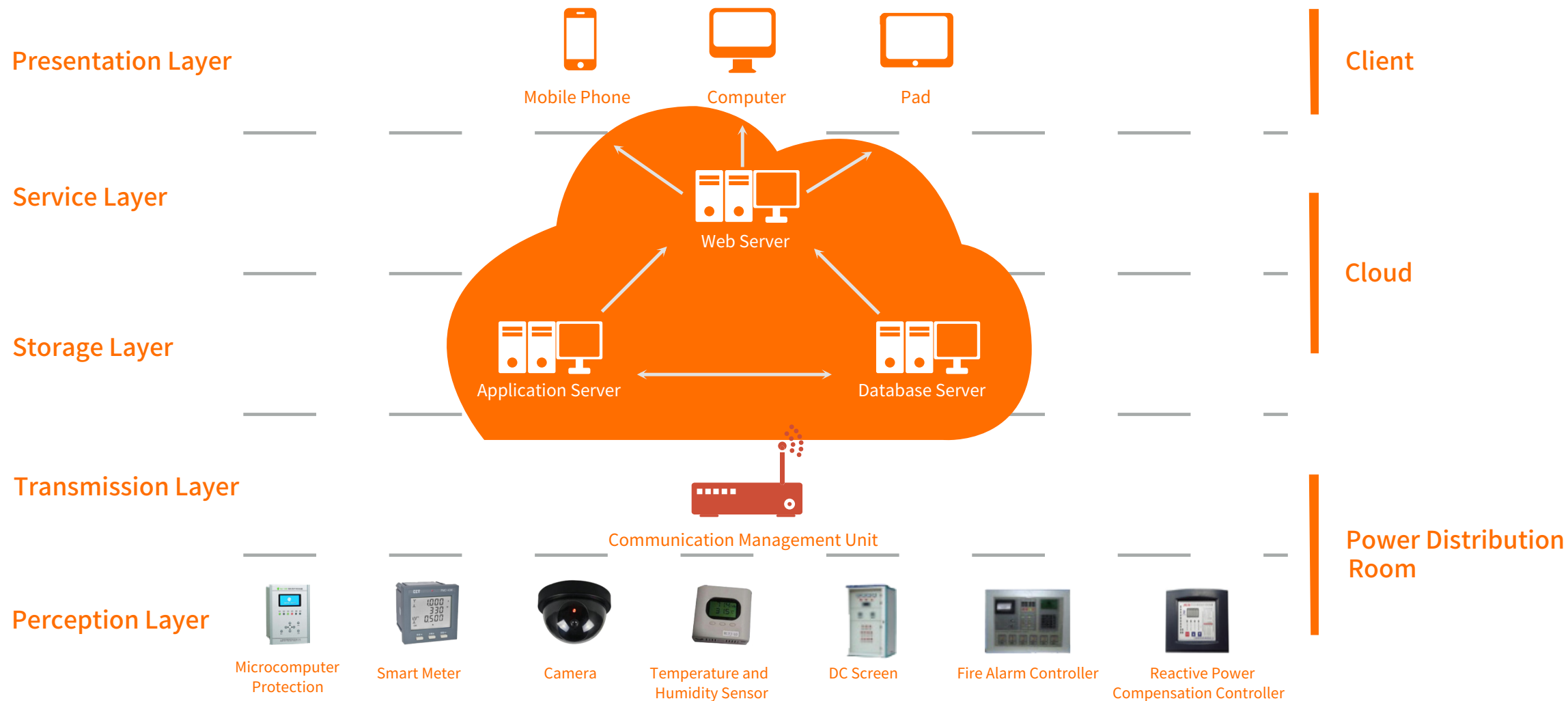


China Unicom



China Telecom

# Cloud platform system structure



# CEEG will work with customers to build smart distribution systems from design onwards



Project Research

Customer Demand  
On-Site Environment  
Equipment Condition



program design

Project Goals  
Implement Plan  
Customize Services



On-Site Implementation

Installation  
Debugging  
Configuration



Online System

Operation  
Monitoring  
Analysis



Intensive Cooperation

O&M  
Energy-saving  
Retrofit



《《CEEGB 中电电气

DELIVERING PREMIUM POWER  
TO THE WORLD