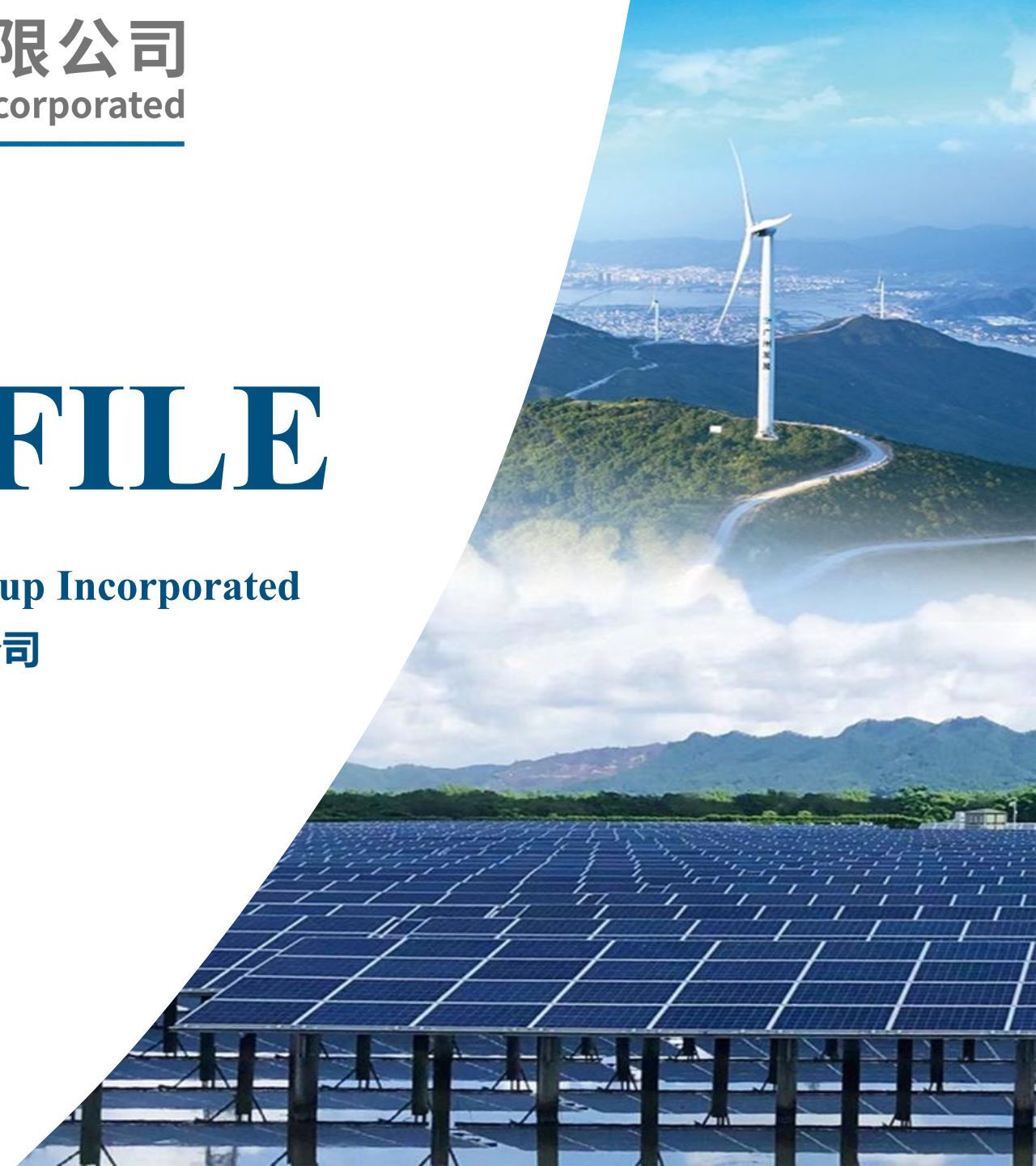




**广州发展新能源集团股份有限公司**  
Guangzhou Development New Energy Group Incorporated

# GDNE PROFILE

**Guangzhou Development New Energy Group Incorporated**  
**广州发展新能源集团股份有限公司**



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光伏农业



# PART 01

# GDG Profile >

广州发展集团概况

- Company Overview  
公司概要
- Shareholding Structure  
股权架构
- Business Indicators  
经营指标
- Business Area  
业务领域

**11 years on the Fortune China 500 list**

连续11年上榜《财富》中国500强

**Ranking Top 10 in comprehensive strength  
among Guangdong Province enterprises**

广东上市综合实力10强

**Top 500 Creditworthy Chinese Enterprise in 2021**

2021年度中国企业信用500强

**Top 500 Creditworthy Chinese Listed Enterprise in 2021**

2021年度中国上市公司信用500强

**Awarded as Outstanding Listed Company in 2022**

2022杰出上市公司奖

**Awarded as Sustainable Development Model in 2022**

2022可持续发展典范奖

**Guangzhou Development Group Incorporated (GDG)**

**(Stock Code: 600098)**

**广州发展集团股份有限公司 (证券代码: 600098)**



**Power, Energy logistics, Natural gas, New energy, Energy finance**

电力、能源物流、天然气、新能源以及能源金融为核心的综合能源产业体系



**Large and advanced energy supplier in southern China**

华南地区大型发售电企业



**Business covers 21 provinces and regions in China**

业务范围扩展至全国21个省市



**More than 7,000 employees**

在职员工超7000人

# Shareholding Structure

股权架构



**In 1997, the company was listed on the main board of Shanghai Stock Exchange, and in 2012, the total capital of the listed company was 3.544 billion shares**

1997年上海证券交易所主板上市,2012年实现整体上市公司总股本35.44亿股

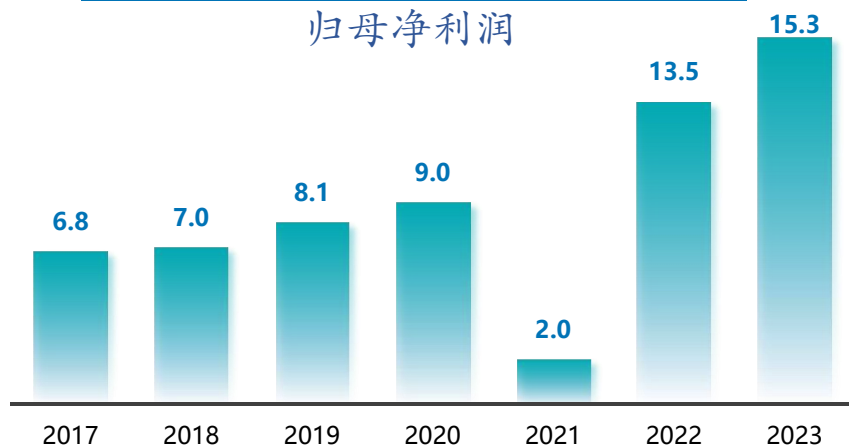
# Business Indicators

## 经营指标



### Net profit attributable to shareholders

#### 归母净利润



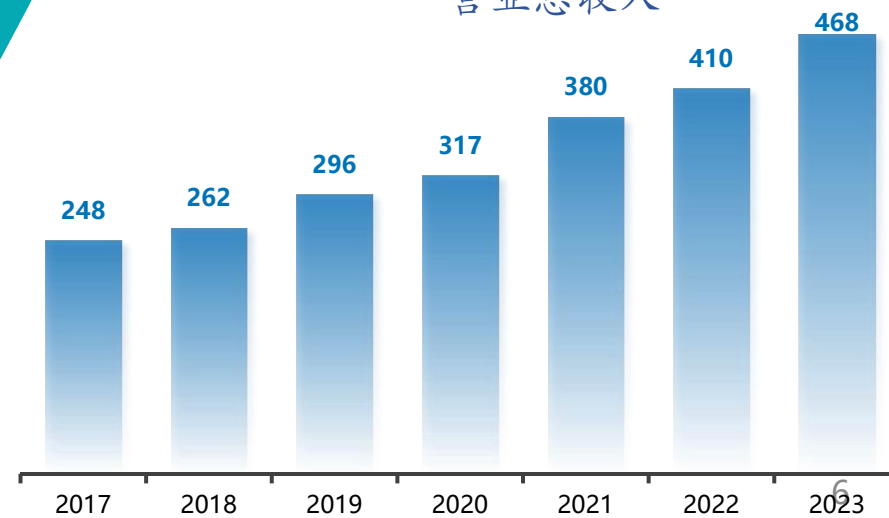
### Total assets

#### 资产总额

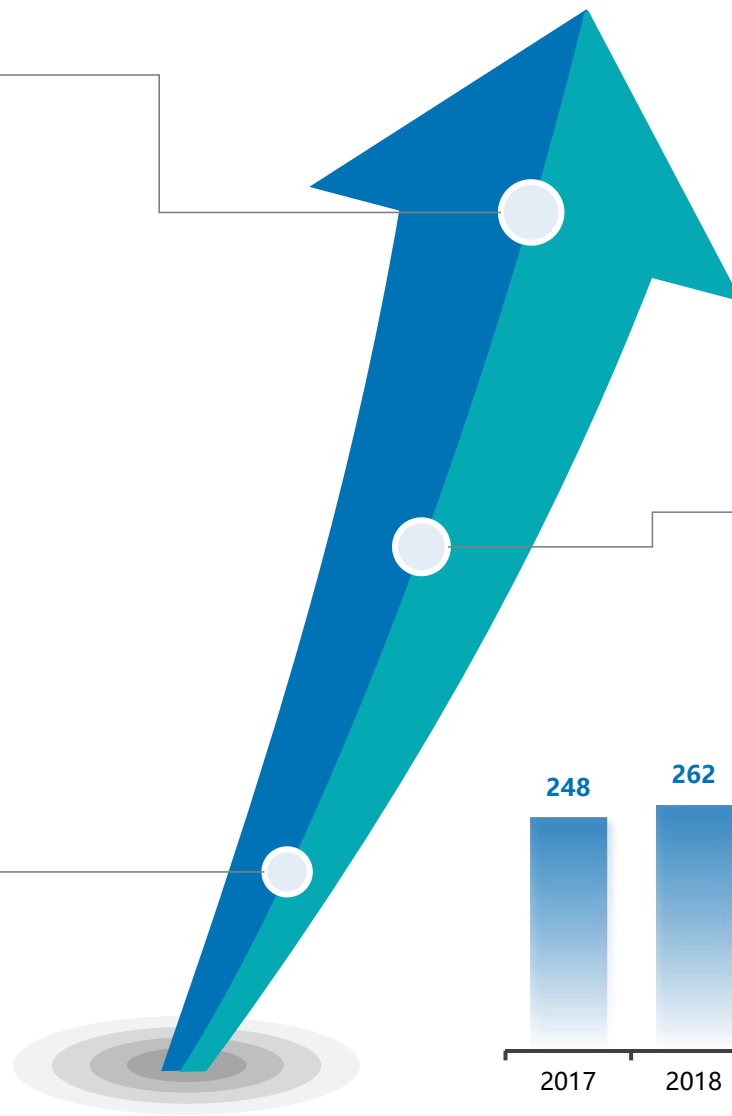


### Revenue

#### 营业总收入



Unit: Hundred million CNY  
单位: 亿元





**MingZhu Energy Station**  
**明珠能源站**



**Nansha District Industrial Park**  
**南沙产业园**



**Integrated Energy Company**  
**综合能源公司**

- **One of the large power generation enterprises in South China, GDG has rich experience in power development, construction, operation and management.**  
华南地区大型发电企业之一，在电力开发、建设、运营管理等方面拥有丰富的经验。
- **Holding and operating 7 thermal power plants, all located in the power load center of Pearl River Delta.**  
控股运营火力发电厂7家，全部位于珠三角电力负荷中心。
- **Controlling installed capacity of 5.79 million KW, including coal power, gas power, thermal power and distributed energy stations.**  
控制装机容量579万千瓦，涵盖煤电、气电、热电、分布式能源站。
- **In 2024, thermal power generation reached 23.9 billion kWh.**  
2024年，火电发电量239亿千瓦时。



**Joint Venture Coal Industry**  
**合资煤矿产业**



**Petrochemical Terminal**  
**石油化工码头**



**Cargo ship "GDG"**  
**广州发展号**

- **With an integrated industrial chain of resources, transportation, transit and sales, GDG strives to be a domestic influential modern energy logistics enterprise and a modern energy supply chain management enterprise. GDG is one of the largest market coal suppliers in Guangdong Province, ranking top three among all the domestic enterprises in this industry.**

建立资源、运输、中转、销售一体化产业链，打造国内具有影响力的现代能源物流企业和现代能源供应链管理企业，是广东省最大的市场煤供应商之一，在全国同类企业中位居前三。

- **The coal business covers 20 provinces in China, and 9 countries in global such as Indonesia, Russia, Australia, Canada, Italy, Switzerland, Singapore, South Korea and India.**

煤炭业务遍布全国20个省市，海外涵盖印尼、俄罗斯、澳大利亚、加拿大、意大利、瑞士、新加坡、韩国、印度等9个国家。

- **In 2024, the total sales volume of coal in the market is 43 million tons.**

2024年，市场煤总销售量4300万吨。



LNG Emergency Peak Gas Source Station  
LNG应急调峰气源站



LNG Gasification Station  
LNG气化站



Intelligent Gas Business Station  
智慧燃气营业厅

- **GDG is the only company in charge of Guangzhou urban gas high pressure pipe network construction and the purchase and sales of natural gas, striving to become a well-known urban gas operator and natural gas supplier in China.**  
广州市城市燃气高压管网建设和天然气购销唯一主体，统筹广州市高压管网建设和上游气源购销，打造成为国内知名的城市燃气运营商和天然气供应商。
- **The total length of the high and low pressure gas pipeline network has exceeded 6,300 km, and the number of piped gas users has reached 2.16 million.**  
已建成高中低压燃气管网总长度超过6300公里，管道燃气用户达216万户。
- **In 2024, gas sales reached 5.5 billion cubic meters.**  
2024年，天然气销售量达55亿立方米。



**NanAo NanNa Wind Farm**  
**(Shantou, Guangdong)**  
**南澳南亚风电场**



**Lianping Agricultural Photovoltaic Project**  
**(Heyuan, Guangdong)**  
**连平农业光伏项目**



**Taishan Photovoltaic Tourist Town**  
**(JiangMen, Guangdong)**  
**台山光伏文旅小镇**

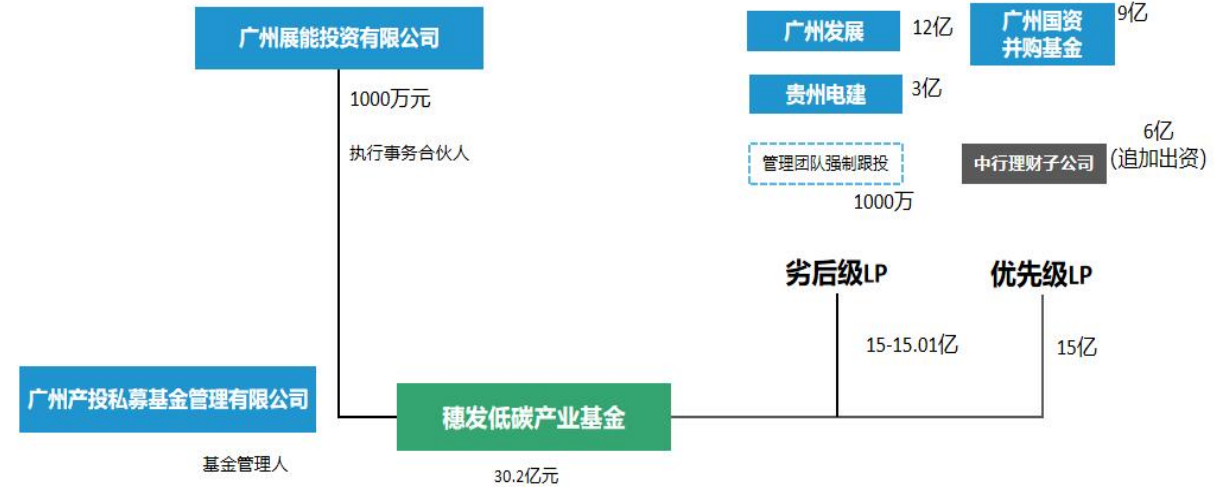
- **Committed to the investment, construction and operation of new energy projects including wind power, solar power and electric vehicle charging.**  
开展风力发电、光伏发电及电动汽车充电等新能源项目的投资、建设及运营。
- **The total installed capacity of wind and solar power is 5.5GW, ranking the top among energy enterprises in Guangdong Province.**  
新能源可控发电装机规模**550万千瓦**，在广东省新能源企业中位居前列。
- **Has built regional bases primarily in South China, North China, Central China and Southwest China, covering 17 provinces .**  
建立华南、华北、华中、西南等区域基地，业务范围已覆盖全国**17个省份**。
- **It can supply nearly 10 billion kWh of green power annually..**  
每年可提供绿色电能近**100亿千瓦时**。

# Industrial Investment Fund

## 产业投资基金



GUANGZHOU SUIFA LOW-CARBON INDUSTRIAL  
 INVESTMENT FUND  
 GUANGZHOU ZHANNENG INVESTMENT CO.,LTD.



### Shareholding Structure

- The Guangzhou Suifa Green Low-Carbon Industry Investment Fund was established in May 2023, with a total target scale of **3.02 billion CNY** and an initial registered capital of **2.42 billion CNY**.

2023年5月设立广州穗发低碳产业投资基金，总募集规模**30.2亿元**，首期注册**24.2亿元**。

- Introduce partners and management teams with strong capabilities in industry resource integration to expand new energy project pipelines, focusing primarily on investments in low-carbon power projects such as wind power, photovoltaics, and biomass thermal power.

引入行业资源整合能力强的合作伙伴和管理团队，拓展新能源项目渠道，主要投资风电、光伏、生物质热电等低碳电力项目。

- Plan to invest in and complete new energy projects exceeding **2 GW** within three years.

拟3年投资建成**200万千瓦**以上的新能源项目。



- **Guangzhou Energy Storage Group, with a registered capital of 2 billion CNY, is deploying and constructing new energy storage projects such as fire storage combined frequency regulation, new energy supporting storage, user-side energy storage, and stand-alone energy storage stations. It aims to create its own product brand, attract industrial chains through investment, and develop large-scale pumped hydro storage projects.**

广州储能集团注册资本**20亿元**，布局建设火储联合调频、新能源配储、用户侧储能、独立储能电站等新型储能项目，创建自有产品品牌，以投促引产业，开拓大型抽水蓄能电站项目。



**GDG Financial Companies**  
发展财务公司



**Financial Leasing Companies**  
融资租赁公司

- **Financial Company:** The first financial company of a municipal state-owned enterprise group was established in 2016, fully leveraging the functions of fund collection, settlement, monitoring, and financial service platforms to carry out securities investment, interbank lending, and other businesses.

财务公司：2016年成立市属国有企业集团第一家财务公司，充分发挥资金归集、结算、监控以及金融服务平台功能，开展有价证券投资、同业拆借等业务。

- **Financial Leasing Company:** Established in 2016, it carries out financing leasing business related to new energy, ships, electricity, gas and other fields.

融资租赁公司：2016年设立，开展涉及新能源、船舶、电力、燃气等领域的融资租赁业务。



# PART 02

## GDNE Profile

广州发展新能源集团概况



- Company Overview  
公司概要
- KPIs  
经营指标
- Business Development  
业务发展



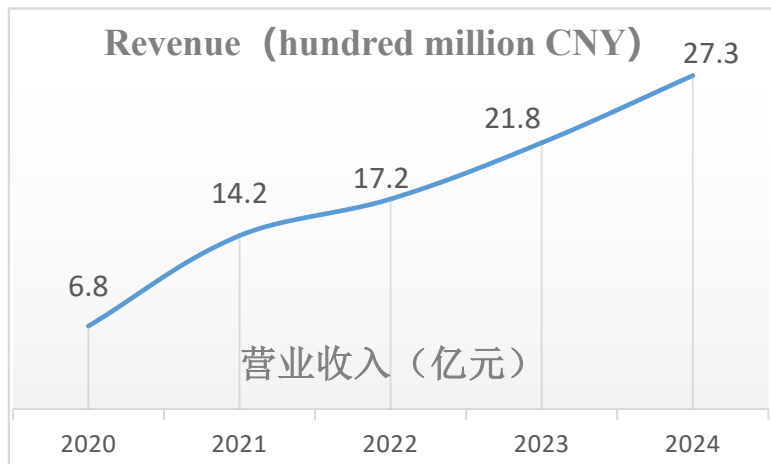
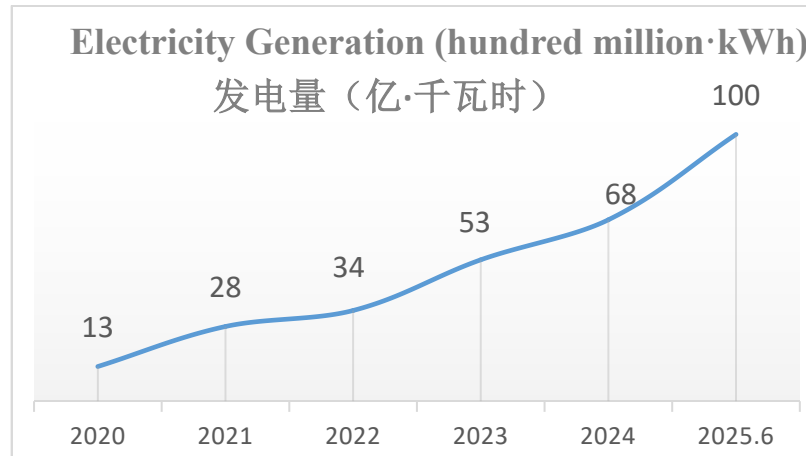
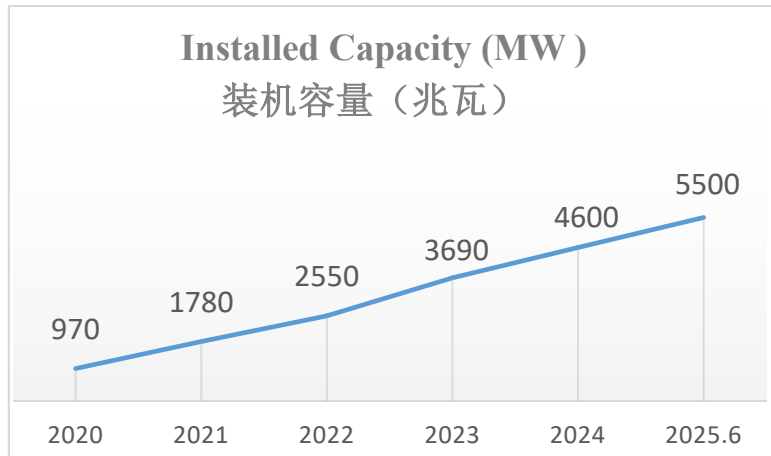
# KPIs

## 经营指标



■ Recent years, the key performance indicators including installed capacity and annual electricity generation, have maintained a sustained and rapid growth.

多年来，装机容量、发电量等主要经营指标一直保持每年两位数增长。



# Business Development

## 业务发展

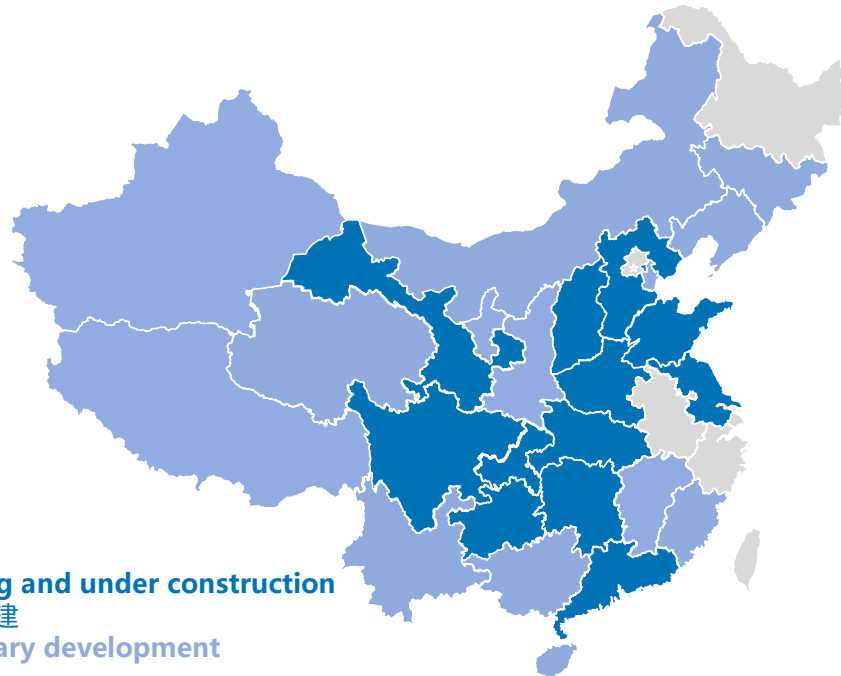


- **By April 2025, GDNE operates over 200 power stations including wind power and solar power, with installed capacity of 5 GW, and total assets of 32 billion CNY.**

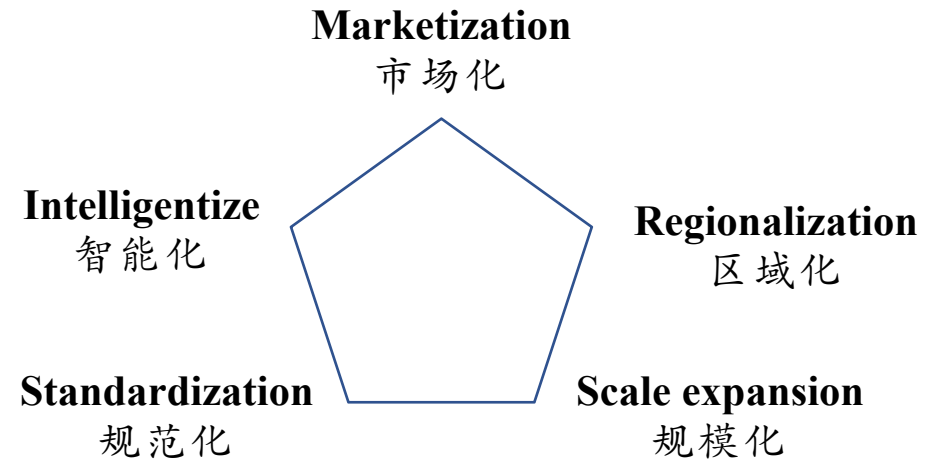
截至2025年4月底，公司拥有风电、光伏电站超200个，装机容量约500万千瓦。总资产超320亿元人民币。

- **Meanwhile, GDNE operates 125 charging stations for electric vehicles, with over 1000 charging parking spaces. GDNE is committed to build a fast charging network in the “Greater Bay Area”.**

充电站投产125个、充电车位超1000个，积极打造粤港澳大湾区快速充电骨干网络。



- **operating and under construction**  
投产及在建
- **preliminary development**  
储备项目



**Development Strategy**  
发展战略方向



# PART 3

## Project Profile

项目运营概况



- Wind power  
风力发电
- Electric vehicle charging and Energy storage  
汽车充电及储能
- Intelligent operation and maintenance system  
智能化运维与创新建设
- Solar power  
光伏发电
- Solar to hydrogen  
制氢项目与技术研发

# Wind Power Plant

## 风电项目



- GDNE has 31 wind power plants with installed capacity of 2.25 GW, distributed in 11 provinces of China including Guangdong, Hunan, Hubei, Sichuan, Guizhou, Chongqing, Henan, Hebei, Shandong, Shanxi, Jiangsu, etc.

风电场共31个，装机容量225万千瓦，分布在广东、湖南、湖北、四川、贵州、重庆、河南、河北、山东、山西、江苏11个省份。



# Wind Power Plant

## 风电项目



# Centralized Photovoltaic Power Stations

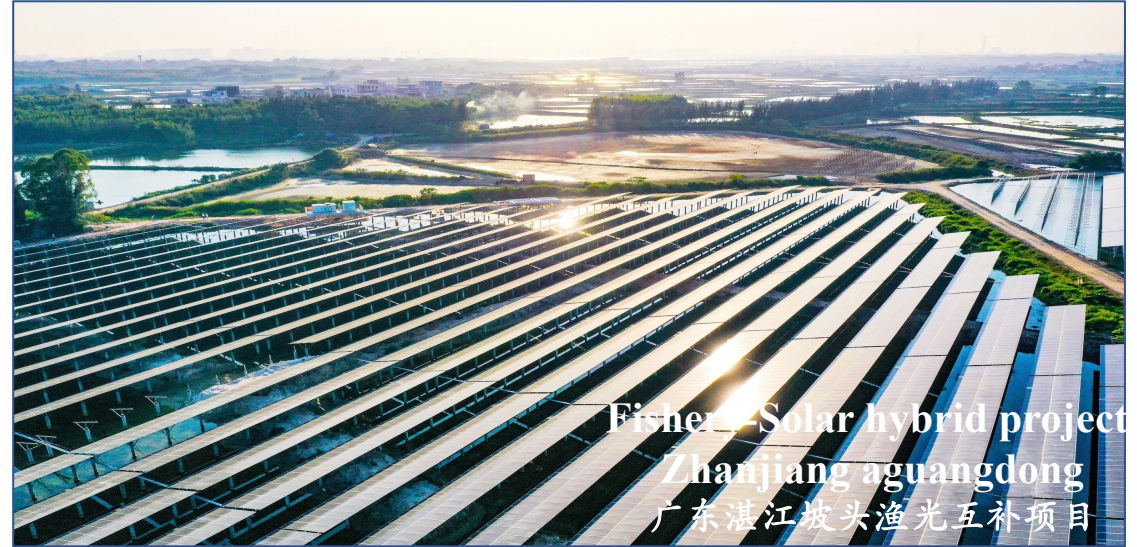
## 集中式光伏项目

- **GDNE has over 60 centralized solar power stations with an installed capacity of 2.22 GW.**  
集中式光伏电站超过60个，装机容量222万千瓦。
- **Mainly distributed in Guangdong province, though some are in other domestic provinces such as Guangxi, Chongqing, Henan, Hubei etc.**  
主要分布在广东省，省外在广西、重庆、河南、湖北等省份也已有项目落地。



# Centralized Photovoltaic Power Stations

## 集中式光伏项目



# Centralized Photovoltaic Power Stations

## 集中式光伏项目

- Committed to develop hybrid projects with the integration of photovoltaics, agriculture, and tourism.  
积极发展“光伏+农业+观光旅游”模式
- Engaging in not only green power generation, but also the development of agricultural products, husbandry, fishery, tourism etc., which is contributed to the national strategy of “rural vitalization”.

发展优质农产品种植和生态畜牧业养殖，打造集绿色发电、特色种植、休闲体验、品尝采摘、旅游观光等功能于一体的特色光伏生态园，为“乡村振兴”新产业开创了可借鉴的模式。



# Distributed Photovoltaic Power Stations

## 分布式光伏项目

- **GDNE has over 120 distributed photovoltaic power stations, with installed capacity of 1000 MW.**

分布式光伏项目超过120个，装机容量100万千瓦。

- **Mainly distributed in Guangzhou and the Pearl River Delta regions. Our clients includes GAC Toyota, Xiaopeng Automobile, Wanbao Refrigerator, Fengli Tire, the Pearl River Piano, the Pearl River Beer, Mitsubishi Electric, etc. Among these, the Conghua Mingzhu Industrial Park is one of the 18 demonstration projects in China.**

主要分布在广州及珠三角，包括广汽丰田、小鹏汽车、万宝冰箱、丰力轮胎、珠江钢琴、珠江啤酒、三菱电机等。其中，从化明珠工业园分布式光伏项目是全国18个示范项目之一。

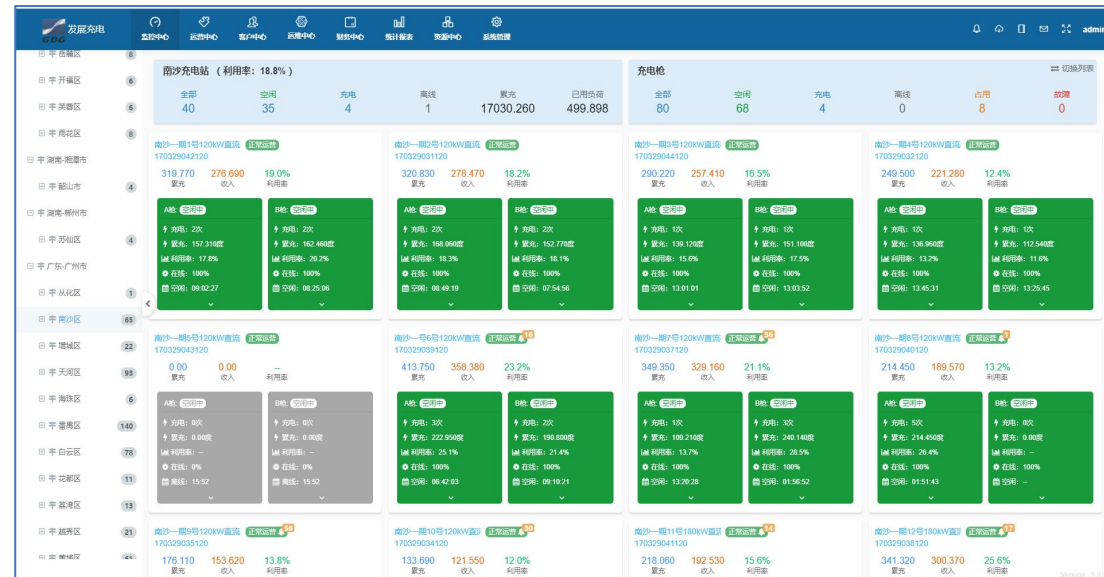


# Electrical Vehicle Charging Business

## 充电业务



- Our own charging platform "GDG Charging" provides convenient and intelligent vehicle charging services.  
自有充电平台「发展充电」，提供便捷智能的汽车充电服务。
- GDG has 125 charging stations, with installed capacity of 73MW.  
已投产125个充电站，规模73MW。
- By April 2025, the platform is accessible to 11.5 thousand charging stations all over the countries.  
截至2025年4月底，平台注册接入1.15万个充电站，遍布全国各主要城市。



- Several energy storage projects have been put into operation, such as Nansha Charging Power Station, Siemens station, Meizhou Zhujiang Beer station etc.

已投产南沙充电站、西门子、梅州珠啤等储能项目



# Solar to Hydrogen and R&D

## 制氢项目与技术研发



### ■ Solar to Hydrogen 光伏制氢

Photovoltaic hydrogen production research project is in Jiangmen City of Guangdong Province, exploring future development opportunities in the field of hydrogen energy.

开展“新能源+制氢”科研项目，在广东省江门台山开展试点，积极探索氢能领域未来发展机会。



### ■ R & D 技术研发与专利

- Recognized as a "High-tech enterprise" in 2017.  
2017年，新能源集团被认定为“高新技术企业”。
- GDNE has a total of 96 authorized patents and 24 registered software copyrights by June, 2025.

截至2025年6月底，新能源集团累计拥有授权专利96项，登记软著24项。



# Intelligent Operation and Maintenance System

## 智能化运维系统



### 1. Building an intelligent operation control platform

打造智能化运行控制平台

- **The centralized intelligent operation and management system for power stations is the first integrated intelligent control system for wind, solar, and charging stations in South China.**

电站集中智能运营管理系统是华南地区首套风、光、充电桩一体智能集控系统。

- **This system has functions such as operation monitoring, fault diagnosis, performance analysis, and operation management. It can collect the real-time data and analyses the economic and operational indicators.**

该套系统具有运行监视、故障诊断、性能分析和电站运营管理等功能，实时进行运行经济及设备可靠性指标分析。



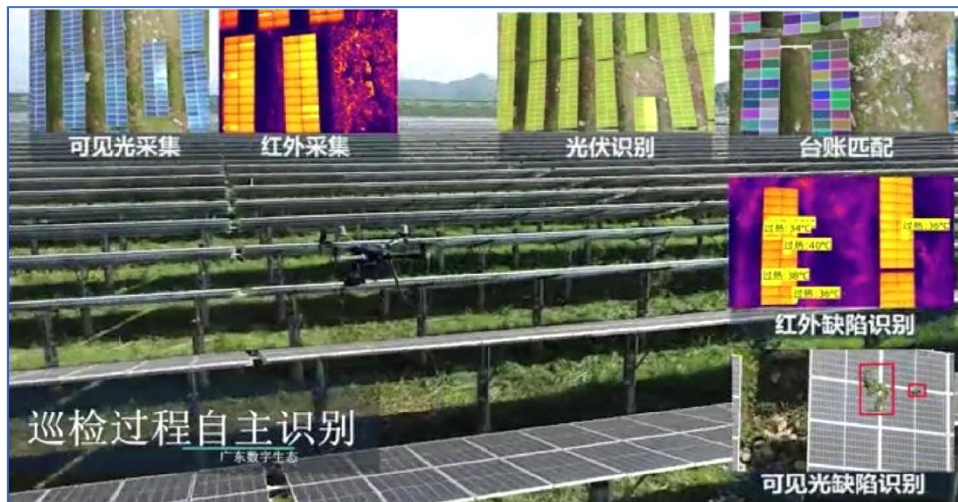
# Intelligent Operation and Maintenance System

## 智能化运维系统

### 2. Innovative technology application construction

#### 创新技术应用建设

- Implement intelligent inspection modes, such as drone flight inspection and QR code inspection, which can achieve timely detection and handling of equipment problems, and can improve work efficiency.**  
 实施智能化巡检，推行无人机飞行巡检、二维码巡检，实现设备问题及时发现、及时处理，提高效率。
- Promote intelligent technology to improve power generation efficiency, such as real-time monitoring of wind turbine online vibration, intelligent positioning system for wind farm collector line fault tripping, photovoltaic intelligent cleaning robots, photovoltaic wireless broadcasting sound wave bird repellent, etc.**  
 推进智能运维项目，提升发电效益，比如：风机在线振动实时监测、风电场集电线故障跳闸智能定位系统、光伏智能清洗机器人、光伏无线广播声波驱鸟器等。
- Implement smart construction monitor system to achieve remote supervision of the projects under construction, resulting in improving the construction quality and progress.**  
 建设智慧工地系统，实现在建项目的远程监管，强化施工质量、进度管控。



**Drone hot spot inspection and intelligent robot cleaning**  
 无人机热斑巡查与智能机器人清洗

# Intelligent Operation and Maintenance System

## 智能化运维系统



### 3. Building an intelligent operation control platform

#### 打造电站运营情况

- **Our operational level is ranking the top in the national new energy industry.**  
新能源生产运营水平处于全国同行第一梯队。
- **We have a total of 26 new energy stations awarded as AAA level and above, 8 of which were awarded as AAAAA level, by China Electricity Union in the year 2023.**

在中电联2023年中国风光电站对标评比中，我司共26个电站获评3A级以上，其中8个获评最高荣誉5A级。





广州发展新能源集团股份有限公司  
Guangzhou Development New Energy Group Incorporated

# Thank You

Guangzhou Development New Energy Group Incorporated  
Address: 29/F Development Center, 3 Linjiang Ave., Guangzhou  
P.R. China

Postal Code: 510623

广州发展新能源集团股份有限公司

地址: 广东省广州市天河区临江大道3号发展中心大厦29楼

邮编: 510623

