

## **Qiyuan Green Power Surpasses 1,000 Heavy-Duty Truck Charging-Swapping Stations Across Mainland China**

Shanghai Qiyuan Green Power Technology Co., Ltd. ("Qiyuan Green Power") has deployed over 1,000 charging-swapping stations for heavy-duty trucks in mainland China, achieving rapid growth with deployment rates nearly doubling annually.

Starting with its first station in 2019, Qiyuan Green Power reached 500 stations in four years. Remarkably, it expanded from 500 to 1,000 stations in just 13 months, averaging five new stations every four days, setting a new benchmark for speed and scalability. These stations integrate wind power, solar power, energy storage, charging, swapping, dispatch, and smart grid technologies. Operated under a source-grid-load-storage intelligent microgrid model, each station serves as a comprehensive smart energy hub, contributing to the country's new energy infrastructure with over 1 GW of installed capacity.

To date, Qiyuan Green Power has connected over 100 long-haul transportation routes, serving more than 43,000 electric heavy-duty trucks and construction vehicles. These vehicles have collectively traveled over 1.8 billion kilometers – equivalent to circling the Earth 4,500 times – saving approximately 1 billion liters of fuel and reducing CO<sub>2</sub> emissions by 2.6 billion kilograms. This effort significantly advances the low-carbon transition of mid- to long-distance transportation.