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**Smart Energy Service System Platform and Application**

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NARI

**Abstract :**

NARI Group Corporation is a scientific research and industry unit directly under the State Grid Corporation of China (SGCC). It is an excellent IT enterprise in the energy, power and industrial control in China and an internationally renowned supplier of intelligent complete sets of equipment and overall solutions. It is mainly engaged in the research and development, design, manufacture, sales, engineering services and general contracting of power automation and relay protection, power IT & communication, power electronics, intelligent electrical equipment, power generation and water conservancy automation equipment, rail transit and industrial automation equipment, amorphous alloy transformer.

NARI Group has R&D and industrial bases in more than 20 cities, including Nanjing, Beijing, Shanghai, Wuhan and Tianjin. NARI Group has production base in Brazil and other countries. It has 40 production lines and it provides more than 50 overall solutions. NARI's market covers all over China, and the products have been exported to more than 100 countries and regions.

With the increasing level of clean and flexible energy production, the demand of diversified and interactive energy consumption is growing. It is important to construct smart energy service system and build the pluripotent fusion, open sharing of new ecological smart energy services. It is introduced about the progress of NARI in Smart Energy Service Platform which includes D-IOT system platform, Intelligent Terminal, Micro-grid Operation Control and Management System. Some applications, such as Orderly charging of EV, Storage cloud of energy and Green energy trading are constructed on the platform. Finally some typical implementation cases of Wind/PV/Storage Micro-grid, Generation-Grid-Load-Energy Storage Coordinated Control System are shared.