

China Power Smart Wins National Energy Digitalization Demonstration Project Award

On October 12, 2021, China Power Smart Integrated Energy Co., Ltd. ("China Power Smart") was invited to attend the National Energy Internet Conference jointly organized by the Energy Digitalization Committee under National Energy Internet Alliance ("NEIA") and Tsinghua University. The Beike Industrial Park Integrated Smart Energy Project, which was independently funded and constructed by China Power Smart, won the National Energy Digitalization Demonstration Project Award.



In the project, following the principles of "supplement with mains, peak regulation, cogeneration, multi-energy complementation, cascade utilization, and intelligent control", an integrated energy supply system was designed, and combined cold-heat-power supply system, distributed rooftop PV systems, PV carports, distributed low-speed wind turbines, micro-grids for energy storage, and integrated energy management system (IEMS) were constructed. The project can achieve intelligent control and optimal dispatch through the IEMS system relying on such technologies as multi-energy complementation, integration of electricity, heat and cold, PV charging, and wind-solar-energy storage micro-grids. The IEMS performs day-ahead and intra-day scheduling based on equipment modeling and optimization algorithms, to realize deep integration of energy flow and information flow and to build an energy Internet integrating source, grid, load, storage and control.



能源数字化

示范工程

项目名称：北科产业园综合智慧能源工程

国家能源互联网产业及技术创新联盟
能源数字化专委会

2021年10月12日

The success of Beike Industrial Park project laid a good foundation for China Power Smart to develop smart energy. In the future, China Power Smart will continue to make contribution to the national "3060" target.