Niger microgrid energy storage

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13 February 2023 – At the beginning of the Chinese Spring Festival 2023, ARE Member SINOSOAR once again brings good news- Their Niger Branch Company has just signed a contract of 9.52MW Solar microgrid in Dosso and Tahoua Provinces of Niger. This project is a key and important contract of SINOSOAR in Africa after the on-going project of 5 PV-Diesel-Battery hybrid power plants in Agadez Province of Niger.

In the face of new challenges, SINOSOAR are ready and confident, looking forward to winning more appreciation and cooperation from all clients again with our professional and efficient spirit and excellent service.

The 9.52MW PV-Battery micro grid project is funded by the Islamic Development Bank. The Rural Electrification Authority of Niger is the project owner. The project is an EPC turnkey project, including the Design, Supply and Installation of three (03) power plants in Dosso and Tahoua provinces. The project construction period is expected to be 18 months, including the construction of 9.52MW Solar power plants, 14.5MWh Battery Energy Storage System and the 33kV MV booster station etc.

Niger, as one of the most countries in West Africa, has a weak economic foundation and a very low electrification access ratio. According to World Bank statistics Report in 2020, only 19.3% of Niger"s population is electrified, and only 13.4% in rural villages. Therefore, the micro-grid with its fast system assembling by using renewable energy such as Solar, has become a popular power solution in these countries and areas.

SINOSOAR has been committed to develop the global micro grid market, and to provide long-term professional service in developing countries and areas. With its rich industry experience, leading technology capacity, through many years of industry experience, SINOSOAR understands and knows customers" demands and needs, and continues on product innovation and upgrading. Till now, with our self-developed SSH-E001 Energy Management System, SINOSOAR Hybrid GDP (SCADA), SP series battery inverter & BESS (battery energy storage system), etc. SINOSOAR has tested and upgraded our products in project sites in more than 20 countries and regions and delivered good project quality and service to customers around the world.

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