



АКЦИОНЕРНОЕ ОБЩЕСТВО  
«СИСТЕМНЫЙ ОПЕРАТОР  
ЕДИНОЙ ЭНЕРГЕТИЧЕСКОЙ СИСТЕМЫ»

22 June 2023

**A new National Standard is approved that sets technical requirements for solar power plants operation in the Russian Unified Power System and isolated power systems**

*By the Order of the Federal Agency for Technical Regulation and Metrology (Rosstandart) a new National Standard for photovoltaic solar power plants was approved – GOST R 70787-2023 “United power system and isolated power systems. Renewable generation. Technical requirements for photovoltaic solar power plants”.*

From August 1st, 2023, the Standard establishes technical requirements for solar power plants (SPP) operation in the Russian Unified Power System and isolated power systems. The Standard is aimed to ensure the design, construction, retrofit and operation of SPPs of all types above 5 MW. The requirements apply to SPP’s owners, operators, as well as design, research and other organizations specializing in construction, retrofit and development of power distribution schemes for SPPs. SO UPS participated in the development of the Standard by ensuring accuracy of technical requirements for SPP and compliance with the Rules on Technological Operation of Power Systems.

Meantime, for the first time the Omsk Regional Dispatch Office (SO UPS branch) carried out tests for remote operation of Russko-Polyanskaya SPP 30 MW which is vital for the power supply in the region. The tests were conducted from the RDO’s Control Room and confirmed high efficiency of remote operation. The utilization of remote control will reduce the time of instruction execution to 1-2 minutes and ensure acceptable voltage profile in the 110kV network of the adjacent load district in emergency situations. Moreover, it will also enable to perform SPP maintenance by field service team allowing not to keep operating staff 24/7.

ENDS.