



АКЦИОНЕРНОЕ ОБЩЕСТВО
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A new National Standard sets technical requirements for remote control of TPPs

By the Order of the Federal Agency for Technical Regulation and Metrology (Rosstandart) a new National Standard for remote control operations of TPPs is approved – GOST R 71529-2024 "United power system and isolated power systems. Operative-dispatch management. Remote control. Requirements for remote control of the active capacity of generating equipment of thermal power plants from dispatch centers by bringing planned dispatch schedules".

From September 1st, 2024, the Standard establishes technical requirements for implementation of remote control of active power of TPPs. In particular the document sets requirements for:

- transmission, receiving, processing and implementation of planned dispatch schedules;
- automated control systems of TPPs in terms of receiving, processing and implementing planned dispatch schedules from the control room's planned capacity delivery system;
- implementation, organization and verification of readiness for remote control of active power of TPPs;
- remote control of active power of TPPs by the dispatch staff of the control room and the staff on-duty of TPPs.

Remote control of active power is provided by the digital system of planned power assignment. This technology was launched by SO UPS and Rushydro in the Russian power system in 2019, to date the system has been implemented at 23 HPPs and 2 TPPs. Further plan calls for ensuring technical feasibility to implement this technology at all power plants of the Russian UPS.

ENDS.