

For the first time, Ukrainian and Hungarian electricity transmission system operator Ukrenergo and MAVIR have signed, an emergency energy exchange agreement in early September. It will enable both TSOs to exchange electricity between their load frequency control areas to prevent or recover emergencies in the electricity systems.

The conclusion of emergency energy exchange agreements between neighboring TSOs is stipulated by ENTSO-E's general rules for the creation of additional reserve mechanisms. These measures will enhance the functional reliability of electricity systems in conditions of the parallel operation of coal-fired TPP Burshtyn with the energy association ENTSO-E. The emergency energy exchange from neighboring countries is provided in cases when the measures taken and the available reserves are insufficient to eliminate threats or avoid limitations in the energy supply to consumers.

The agreement between Ukrenergo and MAVIR establishes the conditions for emergency energy exchange and the activation procedure. In particular, the maximum capacity of such emergency energy exchange reaches 200 MW. Such value of the emergency energy exchange can be increased above 200 MW by mutual consent of the parties, provided there are adequate technical capabilities, available reserves, and available interconnector capacities between areas. The capacity for emergency energy exchange is not reserved in advance.

Over the past few years, Ukrenergo and MAVIR have jointly implemented a number of initiatives important for the security of energy supply. In particular, the projects of bringing 750 kV overhead transmission line Zakhidnoukrainska-Albertirsa and 400 kV overhead transmission line Mukacheve-Sajoszoged to the new 750/400 kV Szabolcsbaka substation built by Hungary's TSO on the Hungarian side, replacement of current transformers at Mukacheve substation by Ukrenergo, organization of communication channels and upgrade of communications equipment, concluding the operational agreement in accordance with ENTSO-E's new rules.