



Rosseti
FGC UES
Northwest
main power networks

Karelian enterprise of the main
power networks the branch of
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01.07.2021 227/213341

ATTN: O.N.Ekaterinina
Director General
of SKP EP

Review of the instruments
prodeded by SKB EP, LLC

Dear Olga Nikolaevna!

In response to your letter dated 09.06.2021 No. 30112 "The request for review of the instrument operation", we send the reviews according to the appendix.

Applications:

1. Review of the Novgorod enterprise of the main power networks
2. Review of the Karelian enterprise of the main power networks
3. Recall of the Northern enterprise of the main power networks
4. Review of the Leningrad enterprise of the main power networks

Acting First Deputy General Director – Chief Engineer –
Deputy Chief Engineer – Chief Dispatcher

R.A. Valiev

Appendix 2

In response to the request dated 09.06.2021 No. 30112, I state the following: Karelian enterprise of the main power networks the branch of FGC UES, PJSC - operates MIKO-1 - the instrument for measuring the contact resistance.

During the operation, I may note:

- a positive work of the instruments in the analyze of such HV circuit breakers as VMT-110, MKP-35, VMPE-10, BB/TEL-10,
- the ease of use and accuracy of measurements,
- the presence of a built-in battery, which greatly facilitates measurements,
- light weight and compactness of the instrument.

A high-voltage circuit breaker analyzer PKV/M7 is operated in the branch Karelian enterprise of the main power networks of FGC UES, PJSC.

During operation, I may note positive operation of the instrument in the diagnostic of such HV circuit breakers as U-220, U-110, VMT-220, VMT-110 and the ease of use.

The instrument measures the speed and time parameters of a HV circuit breaker operation well, carries out simultaneous measurement in three phases. Also it has a wide variety of attachment devices, which help install transducers on different HV circuit breakers and help make a connection with every computer.

The ability to make measurements (triggering) of a HV circuit breaker, as well as the opportunity to obtain results in the specialized software allow to significantly reduce the operation time. A special software helps analyze, predict and eliminate various defects immediately on the spot of operation.

We recommend all companies operating high-voltage circuit breakers and electrical laboratories performing HV circuit breaker diagnostic the usage of these instruments. We allow this review to be used for advertising purposes.