



Kamchatskenergo, PJSC

10 Naberezhnaya Street, Petropavlovsk-Kamchatsky,  
Kamchatka Krai, 683000, Russian Federation

tel. +7(451 2) 21-67-59

sekr1@kamenergo.ru  
kamenergo.ru

ATTN: O.N.Ekaterinina  
Director General  
of SKB EP, LLC

Review of instruments operation

Dear Olga Nikolaevna!

Kamchatskenergo, PJSC has been operating instruments manufactured by SKB EP, LLC: PKV/M5, PKV/M7, MIKO-1, MIKO-2.3, MIKO-21 since 2005.

These instruments are used by the Company's personnel to analyze vacuum and oil circuit breakers with a voltage of 6-10-35-110-220 kV, as well as disconnectors of 110-220 kV. There are circuit breakers of the following types among them: MKP-110, VMT- 110, VEB-110, VGT-110, U-220, VGT-220, S-35M, VT(VTD)-35, VM(VMD)-35, VK(VKE)-10, VVE-M-10, etc.

The advantages of PKV/M5, PKV/ M7 are: the ease of operation, an ability to determine a necessary number of controlled parameters with the required accuracy, the identification of defects without disassembling a circuit breaker, an opportunity to view the results of measurements and graphs of dynamic characteristics, a choice between local and remote triggering and usage of instruments on almost all types of switching equipment. I would also like to note the compact size of the instruments and the presence of a protected case, which is important when transporting and working at a substation.

MIKO-1, MIKO-2.3, MIKO-21 instruments are used to measure the transient resistance of contact connections of switching devices with a voltage of 6-10-35-110-220 kV. The advantages of these instruments include light weight and dimensions, a durable case, sufficient current for carrying out necessary measurements, autonomous power supply (MIKO-1), the ease of use.

Basing on our own operational experience, Kamchatskenergo, PJSC recommends these instruments to all energy organizations and enterprises.

The first deputy of General Director –  
chief engineer

V.V. Skvortsov

