

# **The automated transfer of Vuoksin HPP Cascade to parallel operation with Nordel.**

*Vorobev A. I., Lisitsyn A. A., Sinianskii I. V.*

The system of automated transfer of Vuoksin HPP Cascade to parallel operation with Nordel.

This article analyzes the work and suggested the introduction of a system at the power facilities of UPS forced to endure a point of division synchronous operation from one grid to another.

Studies have shown the relevance and broad applicability of the special automatic, which allows extending equipment resource and minimizing the reduction in the power delivery is happening at stop equipment.

*Keywords: short-term parallel operation, trans-power block, algorithm development.*