

## **Monitoring of Breakdown Rate of Electrical Equipment of Village Distribution Networks**

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**Key words and phrases:** electrical network breakdown rate; monitoring; monophasе ground return; weather impact; technical condition; electrical shock.

**Abstract:** Forecasting technique of monophasе ground return for hot and cold seasons is developed. The technique is valid for networks of different length and various technical condition. It improves the electrical safety of rural electrical network with insulated neutral.