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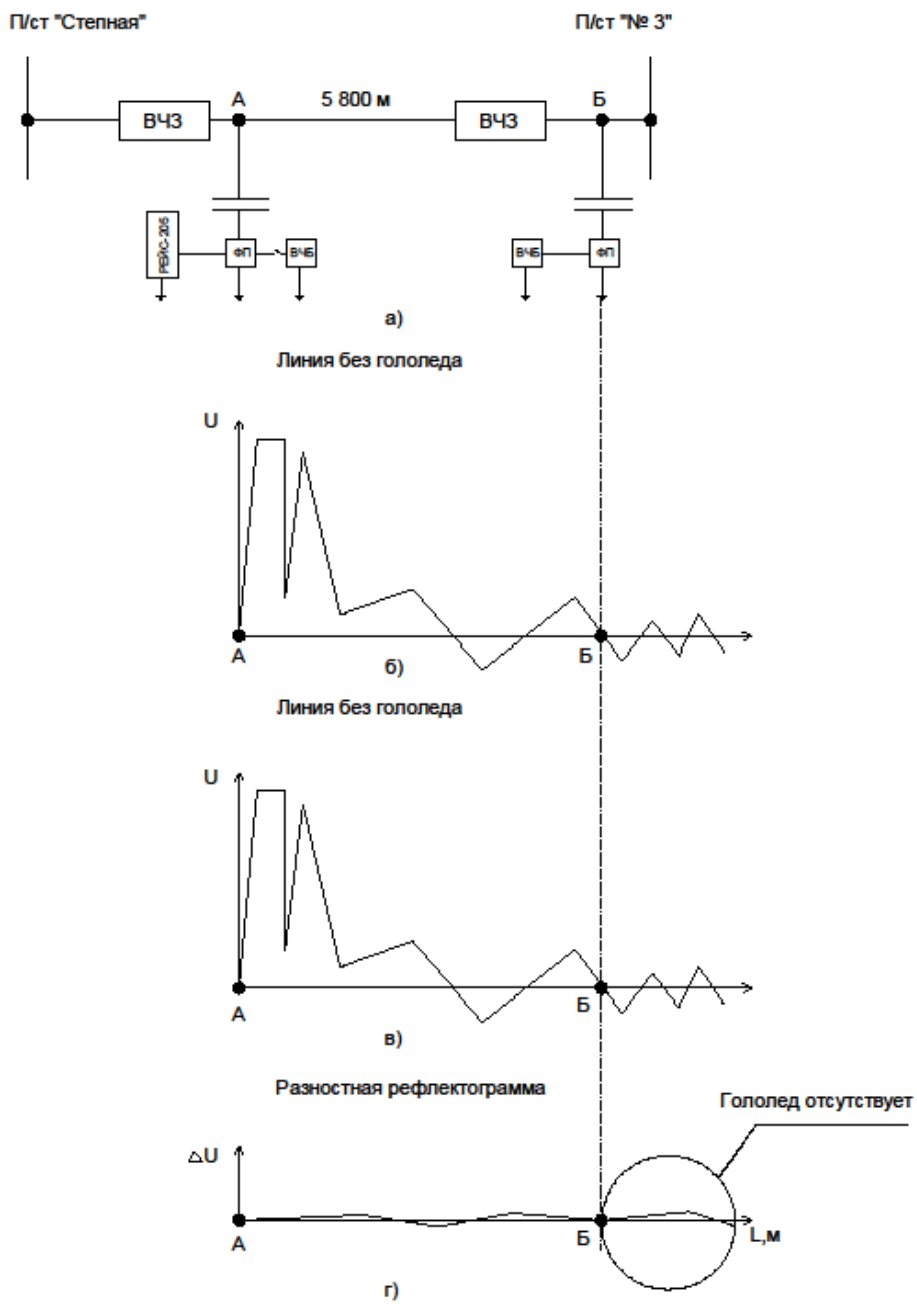
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Summary

The transmission of power lines in the networks are a key element of the transmission and can be damaged from - the impact of a large number of different factors, such as ice, wind, appearance of large overload in the storm, surface contamination of insulators, drop or traverse poles and others. The electrical power supplies 10 kV in our country have received widespread. The transmission power lines are the longest among other things in our country. Transmission power lines should provide enough reliable electricity consumers, the required quality of

electricity and meet the highest efficiency. The annual amount of damage in distribution networks makes up several thousand. So far an urgent task is to ensure effective control over the technical condition of the overhead power lines.

The data of control methods due to their large number were reviewed In this article. Each of them focuses on concrete results, so only their complex use can help to maintain the technical condition of transmission power lines.