

**The electrical characteristics of overhead line insulators of various configurations (cap-and-pin, long rod) under various natural pollution.**

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Selection of an optimum insulators type of the overhead line on the basis of field studies (natural contamination) with glass and porcelain cup – and – pins, porcelain long – rods and composite insulators. Receive of the news dates (facts) up to correction factor making allowance of special configuration insulators; safety factor; form factor; criterions assess alternative configuration insulators.

*Key words: overhead line, pollution, cap – and – pin, long – rod, composite insulator, natural investigation, selection insulations.*