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6-10 KV OVERHEAD POWER LINES

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ABSTRACT

In this article highlights 6-10 kV peak power lines provide the transmission of electricity from power stations to end users and form the basis of power distribution networks. As practice shows, in this zone, the possibility of a short circuit “to the ground” with the participation of birds remains. At the same time, the accumulation of additional insulators often prevents the free fall of the bird after an electric shock, which leads to the creation of a long-term short circuit and violates electricity supply. . Free – standing stable supports provide them with a good view, while also being a source of deadly threat. The most dangerous in this respect are widespread reinforced concrete supports with a metal (grounded) traverse and pin insulators.

KEYWORDS: *Grounded Elements, Landing, Overhead Lines, Electric Current, Voltage, Electrical Substations.*

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