

Issues of regulation of number of branches from 110-220 kV power transmission lines with two-way power supply.

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Correction of existing regulations that are used for development of main technical solutions for power plants' power distribution schemes and for external power supply schemes of power facilities is proposed. Limitation of maximum number of branches from power transmission lines with two-way power supply is proposed to be added in regulations.

Key words: power distribution scheme, external power supply scheme, power supply reliability, primary scheme of substation switchgear, branch substation, branch from power transmission line.