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The Opportunity to Treat the Neutral Through the Resistor or Combined Compensation Coil - Resistor

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Abstract

In the paper are analyzed the operating modes of the 6-35 kV networks with the compensated neutral (treated by the compensation coil), combined (treated by the compensation coil and resistor) and resistive. They are determined quasi-stationary overvoltages for different modes of treating the neutral.

Keywords: overvoltages,compensation coil, resistors, isolated neutral, compensated neutral, earth power current, neutral voltage displacement

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