

Stable uninterrupted power supply in Addis Ababa





Overview

What is the power supply system in Addis Ababa?

Transmission network supplying power to Addis Ababa Capital Region consists of 400kV, 230kV, 132kV and 45kV. Distribution network consists of 33kV and 15kV middle voltage distribution line by step down transformer rated at 132/33kV, 132/15kV 50 Hz using 3-phase 4-wire distribution line.

What is the power demand in Addis Ababa?

With such a smooth economic growth, construction of industrial sector and housing are developing rapidly and the power demand in Addis Ababa administration area and an approximate 50km radius area around the city (hereinafter called "Addis Ababa Capital Region") is expected to increase from 800MW in 2014 to 3,576MW in 2034 c.

Will Addis Ababa be a model case?

Addis Ababa would be a model case by improving current power situation in distribution system. It is important for continuous economic growth in Ethiopia, and also Addis Ababa will take initiative for improvement of power sector situation.

How is the distribution network implemented in Addis Ababa?

The distribution network in Addis Ababa is implemented with 15kV or 33kV on the primary side (medium voltage) and 400V/230V on the secondary side (low voltage), and most of the facilities are formed by overhead distribution



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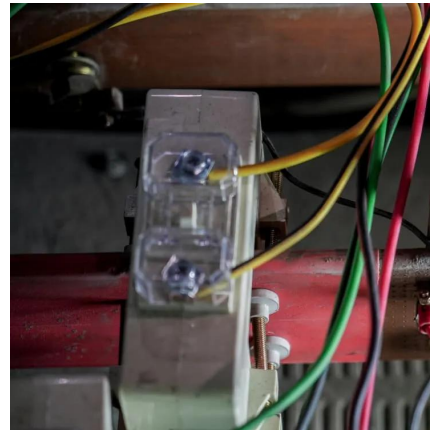


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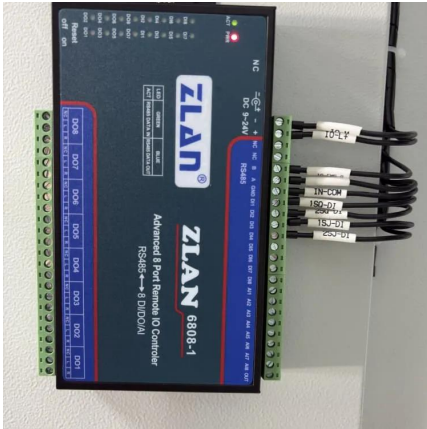
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