
Stable uninterrupted power supply in Addis Ababa

What is the power supply system in Addis Ababa?

Power supply system Transmission network supplying power to Addis Ababa Capital Region consists of 400kV, 230kV, 13 kV 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?

Power demand is 10.9%. 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.

Will Addis Ababa be a model case?

Power supply situation. 2. 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.

Does Addis Ababa have earthquake resistance?

Earthquake resistance. However, there is few earthquake in Ethiopia. Moreover, according to the data from National Geophysical Data Center, in Ethiopia, especially in Addis Ababa Capital Region, there is no earthquake over the five degree of Magnitude. From such a situation, currently tank type capacitor is not matched in Addis Ababa.

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Abstract The uninterrupted operation of wireless communication services relies heavily on the stability of power supply systems for Base Transceiver Stations (BTS). This ...

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Stable uninterrupted power supply in Addis Ababa Base Transceiver Stations (BTS) are fundamental building blocks of cellular mobile networks, establishing seamless wireless ...

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