

SolarTech Power Solutions

Kosovo custom-made outdoor power supply



Overview

The distribution network, as a regulated energy activity, is responsible for the operation and maintenance of the distribution system and the management of the generators connected to the distribution system. Distribution network consists of voltage lines of 35 kV, 10(20) kV, 6 kV and 0.4 kV, as well as relevant substations of the level 35/x kV, 10(20)/0.4 kV and 6/0.4 kV. Kosovo Energy Distribution and Supply Company (KEDS) is a company operating throughout K.

Why is electricity expensive in Kosovo?

Usually, in Kosovo the imported energy is much more expensive than export. This is because Kosovo imports energy one day before needed, in the other hand energy is exported during the night when the demands are under generating level. Imports and exports have a negative impact for electrical energy price.

What are the power plants in Kosovo?

The greatest part of generation capacities of Kosovo are the two power plants: Kosova A and Kosova B. The capacities of the two power plants are lower than the installation parameters level, because of the outdated system and lack of maintenance during the last decade of the 20th century.

Does Kosovo have solar power?

Kosovo has the potential of capturing solar energy directly and converting it to electricity. The region of highest solar potential based on global horizontal irradiation is the southwestern part of Kosovo, centred around the city of Gjakova. Solar power is already used on the roofs of some buildings.

What is the energy strategy for Kosovo?

The Kosovo energy strategy includes increasing RES capacity to 35% of electricity consumption by 2031. Aiming for 600 MW wind, 600 MW solar PV, 20 MW biomass & at least 100 MW of prosumer capacity, to reach a total installed RES capacity of 1600 MW by 2031. Lignite exploitation in Kosovo started in 1922.

How many units are in Kosova B power plant?

Kosova B power plant is composed of two units. The first unit was built in 1983 with a capacity of 340 MW, while the second unit was built in 1984 with the same power of generation. The conditions in Kosova B power plant have improved after recent investments. The power plants and coal mines are located in Kastriot.

Are power plants polluting the environment in Kosovo?

Since most of electric power is produced by power plants in Kosovo they are considered the main environment pollutant. Actual emission of gases, dust and waste-water discharged from the existing power plants, are above the levels allowed by the EU directives.

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