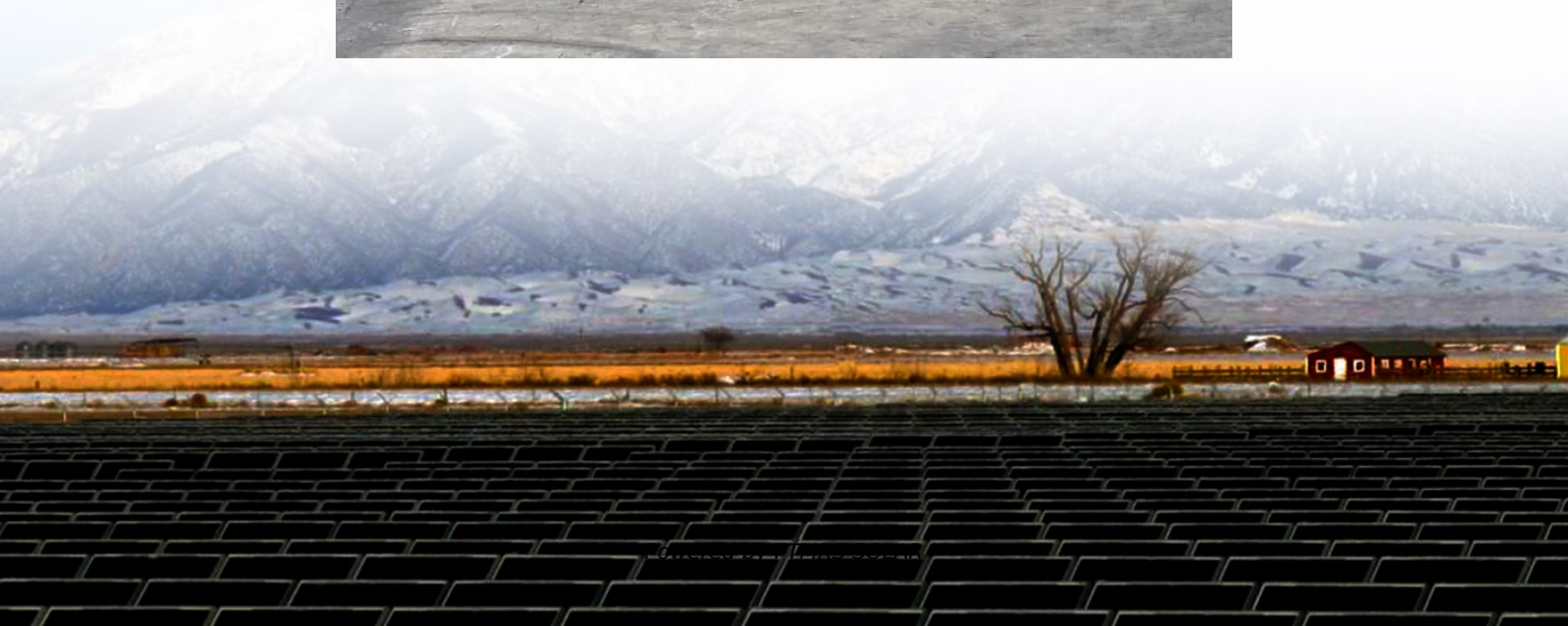


Types of generators at Porto Novo Power Station





Overview

What is the difference between a generator and a generating station?

The use or application of the generators is different but the method of generating electricity is the same for both of these. We all know what a Power Plant is. The generating station or power stations are the places where electrical power is produced. Well, the amount of electric power generated here is high or large scale.

Which type of generator does a power plant use?

And whenever you ask which type of generator does a power plant use, the easy answer is an electric generator. These generators can easily work on the mechanical energy and use it as an input. And eventually, it brings out electrical energy as an output. In short, the electric generators are here for generating AC electric power.

What is a terminal voltage rating for a power plant generator?

Terminal voltage ratings for power plant generators depend on the size of the generators and their application. Generally, the larger the generator, the higher is the voltage. Generators for a power plant serving an installation will be in the range from 4160 volts to 13.8 kV to suit the size of the unit and primary distribution system voltage.

Can a diesel generator fail in a nuclear power plant?

In thermal and nuclear power stations, diesel generators are very popular. This is mostly used for emergency power backup. No matter whether you are dealing with fans, battery chargers, hydraulic units, or cooling pumps, this generator will not fail. In the case of nuclear power plants, you need to provide continuous power to the cooling pump.



Types of generators at Porto Novo Power Station

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