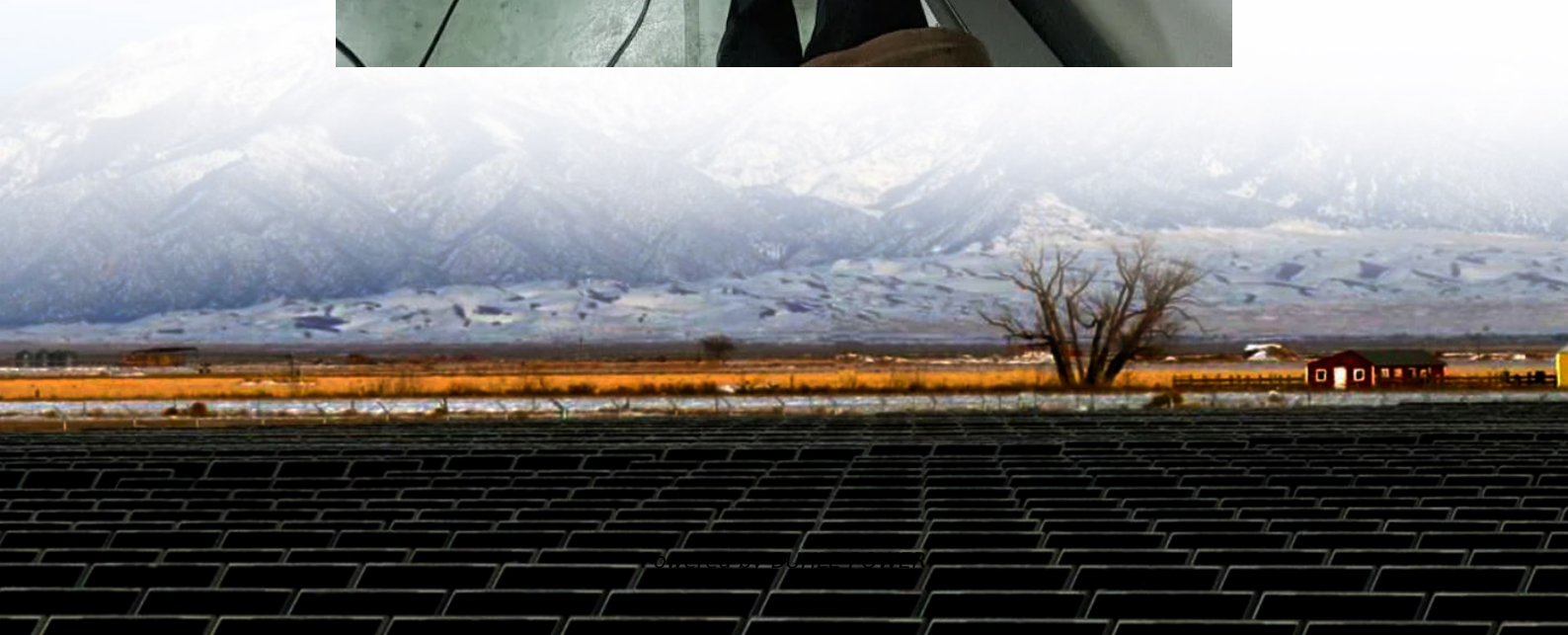


Design of Generator Station in Nepal





Overview

Will 132/11KV substation be built in Kawasoti area?

Since this original request plan is to increase the reliability of power supply suitable for increasing electricity demand by separating the load supplied by the existing 33/11kV substation, a new 132/11kV substation is planned to be constructed in Kawasoti area being fed from 132 kV transmission line.

What is Kawasoti substation project?

Under the Project, a new 132/33/11 kV Kawasoti substation will be constructed with a transformer of 132/33 kV, 30 MVA. The new substation will receive power from a higher capacity 132 kV transmission line with greater reliability than the existing 33 kV sub-transmission line.

What is the power supply to Kawasoti area?

Existing power supply to the Kawasoti area is by 33 kV sub-transmission line from Bharatpur Substation and by 11 kV distribution lines, which extend as one circuit from each existing 33/11 kV Kawasoti Substation and substations at the both ends of the Kawasoti area, the Bharatpur substation and Bardhaghat Substation.

How will a 132 kV substation work?

The new substation will receive power from a higher capacity 132 kV transmission line with greater reliability than the existing 33 kV sub-transmission line. The 132 kV transmission line will be connected to the 33 kV transmission line system through the transformer to reinforce the 33 kV transmission line.



Design of Generator Station in Nepal



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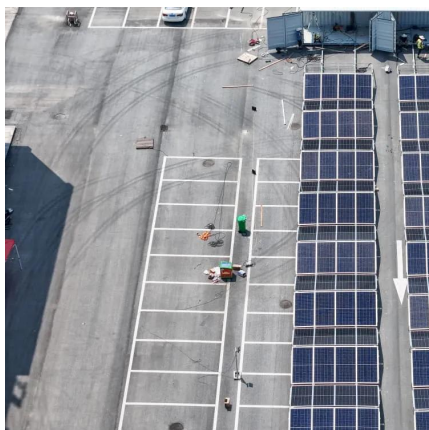
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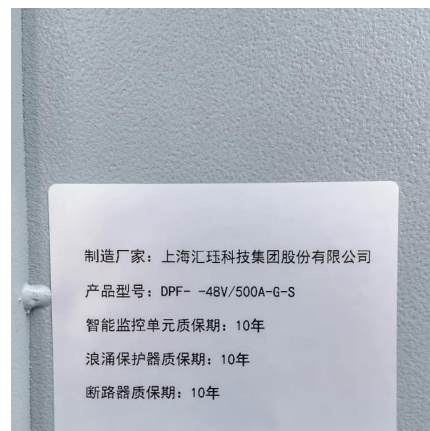


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