

Title: Substation using generator

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To ensure that the power grid can work at full capacity 24/7, generators are deployed in strategically located power substations. Consequently, when a natural disaster occurs, the ...

A step-up transmission substation receives electric power from a nearby generating facility and uses a large power transformer to increase the voltage for transmission to distant locations.

Transmission substations integrate transmission lines into a network with multiple parallel interconnections, so that power can flow freely over long distances from any generator ...

Hitachi Energy offers generator step-up transformers (GSU), which are the critical link between the power station and the transmission network, often operated day and night at full load.

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