

**EQACC SOLAR**

# **300 million generator substation**



## Overview

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What was included in a 230 kilovolt substation project?

The project included engineering, design, supply and delivery, commissioning, all associated control and protection equipment, and buildings for the substation. This projects upgraded the existing 138 kV lines to 230 kilovolts.

What is a 300 MW power plant?

The 300 megawatt (MW) plant is a so-called special grid-technical equipment located in Biblis, a municipality in the Southern Hesse region of Germany, and will only operate when needed – aiming to deliver power in under 30 minutes upon request from a transmission system operator - to help ensure continual grid stability.

What is a high voltage substation?

High voltage substations are facilities in the power grid that transform, control, and distribute electricity. They step up or step down voltage for efficient transmission and safe distribution, manage switching operations, protect the grid from faults, and ensure reliable power delivery to consumers. How does a high voltage substation work?

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Are Siemens Energy high-voltage substations reliable?

For decades, Siemens Energy high-voltage substations have been the reliable nodes of power systems all over the world. They enable the reliable transmission of large amounts of power.

## 300 million generator substation

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### RWE's 300 MW Biblis Grid Stability Power ...

RWE's Biblis power plant expected to deliver up to 300 megawatts (MW) to the grid when required The plant is powered by 11 ...

### Boom Supersonic raises \$300M to build natural gas turbines ...

Crusoe will pay Boom \$1.25 billion for more than a gigawatt of generating capacity with deliveries of the turbines starting in 2027.



### Acron (Veliky Novgorod) Invests RUB 300 Million in Overhaul ...

Acron in Veliky Novgorod has completed an overhaul at its main step-down substation (Main Step-Down Substation 100), which was originally commissioned in 1974. This is the first ...

### Africa's US\$90bn power plan holds promise for Singaporean ...

Mission 300, an initiative spearheaded by the World Bank and the African Development Bank (AfDB) seeks to connect 300 million Africans to power grids by 2030.



### **EXC Press Release: ComEd Livens Expanded High Voltage Substation**

Read Press Release for Exelon (EXC) published on Dec. 11, 2025 - ComEd Livens Expanded High Voltage Substation at Wilton Center, Built to Enable Largest Cluster of Wind ...

### **ComEd Livens Expanded High Voltage ...**

The Wilton Center substation, constructed in 1968 and located near Joliet, Ill., supports ComEd's highest voltage transmission lines of ...



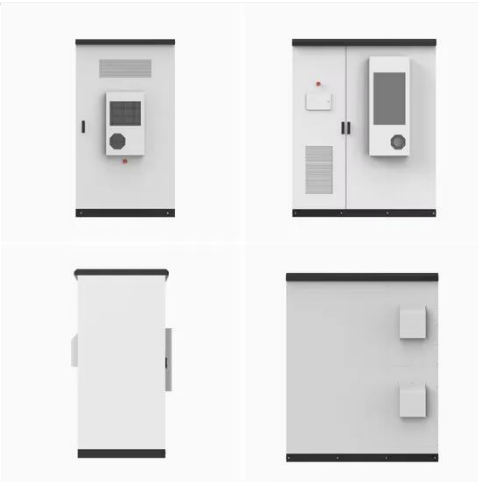
### **Attaka Thermal Power Plant Extension (Unit IV ...**

With a construction cost of US\$ 300 million, the extension of Ataka Thermal Power Plant comprises a 300 MW steam turbine generator set, a 1,032 ...



### High-voltage substations

14 hours ago Siemens Energy's scope of supply comprises much more than the high-voltage equipment that is required for the operation of a substation. It includes high- and medium ...



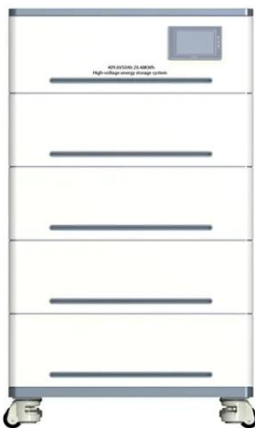
### Attaka Thermal Power Plant Extension (Unit IV - 300 MW)

With a construction cost of US\$ 300 million, the extension of Ataka Thermal Power Plant comprises a 300 MW steam turbine generator set, a 1,032 ton/h steam generator with ...

### ComEd Livens Expanded High Voltage Substation at Wilton ...

20 hours ago The substation expansion is a necessary upgrade to enable the largest cluster of utility-scale onshore wind and solar projects to be

interconnected to the ComEd grid and in the ...



### Canada's 300 MW nuclear reactor to get turbine, generator ...

The GE Vernova Hitachi Nuclear Energy BWRX-300 small modular reactor (SMR) project in Canada will get its SMR nuclear steam turbine, TOPAIR generator, and associated ...

### RWE's 300 MW Biblis Grid Stability Power Plant Powered by ...

RWE's Biblis power plant expected to deliver up to 300 megawatts (MW) to the grid when required. The plant is powered by 11 units of GE's LM2500XPRESS\* technology and ...



### Boom Supersonic raises \$300M to build ...

Crusoe will pay Boom \$1.25 billion for more than a gigawatt of generating capacity with deliveries of the turbines starting in 2027.



## ComEd Livens Expanded High Voltage Substation at Wilton ...

The Wilton Center substation, constructed in 1968 and located near Joliet, Ill., supports ComEd's highest voltage transmission lines of 765 kV, which are advantageous for ...



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## Africa's US\$90bn power plan holds promise ...

Mission 300, an initiative spearheaded by the World Bank and the African Development Bank (AfDB) seeks to connect 300 million ...

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