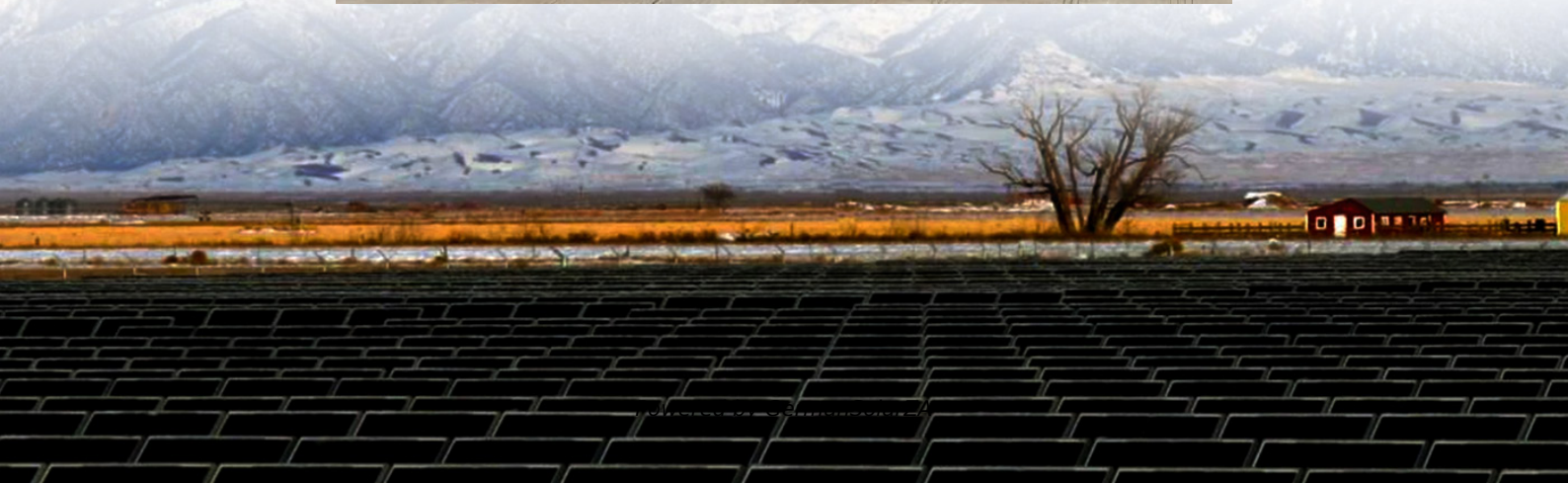


Ghana produces solar air conditioners to power electricity





Overview

How does Ghana generate electricity?

Oil and gas industry in Ghana. Ghana generates electric power from hydropower, fossil-fuel (thermal energy), and renewable energy sources such as wind and solar energy.

Can solar energy be used in Ghana?

Concentrated solar power (CSP) and geothermal energy. A study conducted under Solar and Wind Energy Resource Assessment (SWERA) in 2002 indicated that direct solar radiation is limited to the upper western part of the country. Further studies are required to fully establish the resource potential for application. See Appendix 1F. At present, Ghana is not known.

Could wind power be a viable energy source for Ghana?

Wind energy also holds untapped potential, particularly along Ghana's coastal regions, where wind speeds are favorable for electricity generation. Integrating wind power, solar, and battery storage solutions to complement the thermal plants could provide a stable and reliable energy supply for the country.

Where in Ghana is solar power installed?

Installed for sanitation purposes only. Other systems have been installed at Ghana Oil Palm Development Company (GOPDC) and HPW Fresh and Dry (at Adeiso in the Eastern Region), which also include units for power generation.

1.5.2 Decentralized Renewable Energy Systems At the end of 2015, more than 10 MWp of stand-alone solar PV systems



Ghana produces solar air conditioners to power electricity



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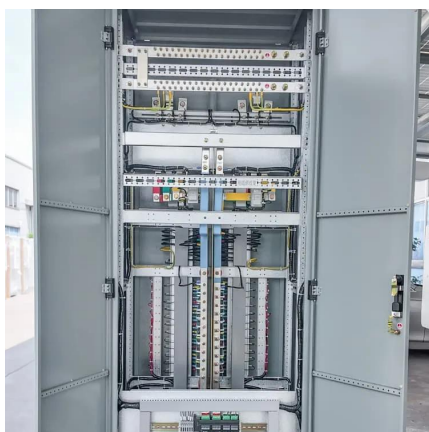
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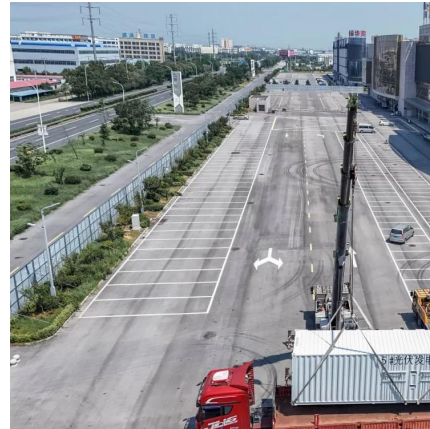
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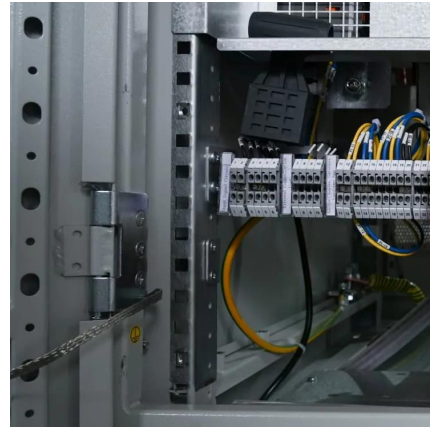
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