

Solarcentury has been selected to design and build two solar powered mini-grids using solar PV and lithium batteries to power the communities of Areza and Maidma in Eritrea, East Africa.

The world is at the tipping point for bolder steps and immediate aggressive actions. Eritrea, a country with negligible emission contribution, can potentially lead the way to secure a safe and sustainable future by taking a different ...

Solarcentury has commissioned two solar-storage-diesel mini-grids in rural communities in Eritrea that are far away from the grid and have relied purely on diesel power until now.

The hybrid power systems at Areza (1.25MW) and Maidma (1MW) took eight months to build, with a combination of solar PV, lithium-ion batteries from US firm Tesla, and backup diesel generators from Caterpillar.

This project is a state-of-the-art hybrid power system, combining solar photovoltaics with lithium batteries and backup diesel generators in a location remote from the country's power grid. The system integrates world-class technologies, including Tesla batteries and Caterpillar generators.

Solarcentury, an integrated solar power company with operations across Europe, Latin America, and Africa, has commissioned two solar-hybrid mini-grids, bringing power to the rural communities of Areza and Maidma in Eritrea in East Africa.

These mini-grids will supply electricity to two communities currently unconnected from any mains power supply. Areza and Maidma are rural communities in Eritrea that will benefit from this cleaner, more affordable reliable source of power.

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