



# Solar power supply system in the Democratic Republic of Congo



## Overview

These systems are designed to provide a reliable power supply to remote areas, bridging the gap where traditional electrical grids are absent. The initial deployment features a 60kW/230kWh hybrid system that combines solar energy with diesel power to ensure continuous electricity. The Democratic Republic of Congo (DRC) is embarking on an ambitious renewable energy strategy, committing to a major solar initiative to address the country's significant power challenges. The project will be executed under a 25-year power purchase agreement (PPA) with DRC state-owned utility Société Nationale d'Électricité. The UAE-based company SkyPower Global has bagged a contract from the Africa Finance Corporation (AFC) to install a 200-megawatt clean energy plant in DR Congo. Spanned over four phases, the first phase of the DRC Green Giant project will cost \$200 million (Dh734 million) and create 6,000 job years. India's Soleos Energy, in partnership with Melci Holdings, has started building a 200 MW solar park in the Democratic Republic of the Congo (DRC). The project is set for commissioning by late 2026. These plants combine three energy source: solar modules.



## Article Content

Major solar power project in the DRC is now set to start development

The Africa Finance Corporation (AFC) and SkyPower Global have signed a joint development agreement to implement the first phase of an ultimately 1 000 MW capacity solar power ...

How a UAE Company is Powering DR Congo with ...

But a new project aims to change that by harnessing the power of the sun. The UAE-based company SkyPower Global has bagged a contract ...

Work begins on 200 MW solar park in Congo

India's Soleos Energy, in partnership with Melci Holdings, has started building a 200 MW solar park in the Democratic Republic of the Congo ...

Goma hybrid solar project in the Democratic Republic ...

The Goma Hybrid Solar plant in the Democratic Republic of the Congo is currently the largest off-grid mini-grid in the sub-Saharan Africa. The ...

Sustainable Energy Revolution in DR Congo

JNTech's hybrid solar-diesel microgrid systems are at the forefront of transforming the DRC's energy landscape. With continued investment and ...

IZUBA – For a more electrifying Congo

IZUBA is a solar energy company established in the Democratic Republic of Congo and headquartered in Goma / North-Kivu, that ...

Congo solar energy: \$500M Boost Fuels Unique ...

The Democratic Republic of Congo (DRC) is embarking on an ambitious renewable energy strategy, committing to a major solar initiative to ...

Do decentralized solar mini grids improve energy access for small ...

Efforts are currently underway to improve electricity access in the DRC and throughout sub-Saharan Africa using decentralized solar mini grids. Their effect on small enterprise energy ...

Soleos Energy to Build 200 MW Solar Plant in DRC

Soleos Energy, a renewable energy development company based in India, is partnering with Melci, an electrical engineering company in the ...

Soleos Energy and Melci Holdings Announce 200MW ...

Soleos Energy, in collaboration with Melci Holdings, has announced the development of a 200MW solar photovoltaic (PV) project in the Democratic ...

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