Contribute to Green Electricity Transition in Namibia

Project description

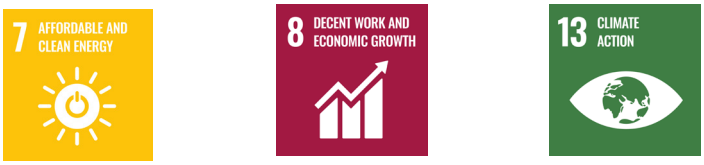
Namibia has long been at the mercy of electricity imports from South Africa and other countries across the region (60% of their energy needs). In order to reduce this dependency, reforms have been undertaken in an attempt to attract independent power producers (IPPs) into Namibia's power sector. It is in this context that the Ejuva One and Ejuva Two solar PV projects were developped.

The plants are located in the Omaheke region and are the first twin solar PV plants of the country, supplying 18,000 households with green electricity. The project features state-of-the-art solar panels in Namibia, on a land that was unused prior to the project. With an installed capacity of 6 MW each, these two solar power plants have positive demonstration effects for solar development in Namibia and neighboring countries.

Project developer

The Ejuva Solar PV projects were developed by CiGenCo, a subsidiary of South Africa-listed Consolidated Infrastructure Group Limited and were strongly supported by the local Namibian shareholders that acted as co-developers and investors, with CIGenCo raising the initial bridging financing required to construct the plants. CiGenCo and the local Namibian shareholders are also sharing responsibility for aspects of the operations and management of the plants and related electrical infrastructure.

Sustainable Development Goals



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Project details

Project name:
Ejuva One and Ejuva Two Solar Projects

Project type:
Solar PV

Location:
Gobabis, Namibia

Project owner:
CiGenCo

Status:
Operational

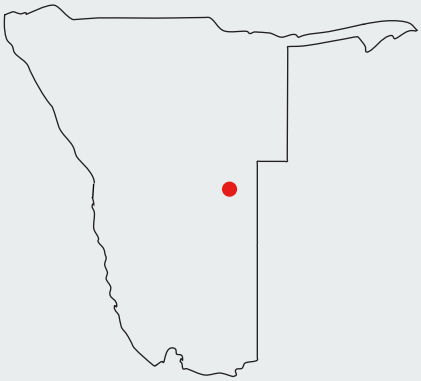
Project ID:
Verra VCS 1885

Key facts

26,000 tCO_2
saved/year

12 MW
installed capacity

18,000 people
supplied with green electricity



Pictures




Impacts

Namibia faces significant energy shortage, and has only been able to meet its energy needs through costly energy imports.
The project contributes to increasing generation capacity in Namibia and reducing import's costs.

The plants reduce carbon emissions by producing green, emission-free electricity.
26,000 tCO_2 are avoided each year, supplying 18,000 people with green electricity.

Local workforce was used to build the plant.
The project made the promotion of employment and skills development during construction (30 jobs created) but also operation and maintenance.

Namibia's energy mix is mainly composed of energy fossil fuel.
The plants are providing positive demonstration effects for solar development in Namibia and neighboring countries.

Key facts

37,120 PV panels
installed.

$ 21m
total amount invested.

8 jobs
created locally for operation and maintenance.

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