



PROJECT AFRICA

In Rwanda, Energy America oversaw an 18MW facility installation of 93,000 single-axis mounted silicon photovoltaic (PV) panel system designed to generate over 145 acres.

The ground mount PV panels were constructed in 1,662 rows, which increase the energy yield by over 15%, and the project is expected to fulfil the needs of more than 4,000 APS customers.

The design reduced material and labour requirements for RPS, and is currently out-performing the model engineered design and producing more energy more efficiently.

Project Benefits

- Will displace 34,000 metric tons of CO₂ equivalent emissions per year.
- No water used for electricity generation.
- Independence from fuel imports.
- Development of local supply chain.

Owner:

Rwanda power Limited

EPC Contractors:

Energy America Inc

Type:

GROUND MOUNT

Number of Modules:

93,000

Project Size

18MW (AC)

Homes Powered

5,000

Tons CO₂ Displaced Annually:

34,000 tons