Devikot Power Plant

with India | Meteoxperts

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The 180 MW Devikot site is a solar power plant in Jaisalmer, Rajasthan, commissioned by Adani Green Energy in March 2024. It generates 540 million kWh annually, powering over 110,000 homes and cutting CO_2 emissions by 0.39 million metric tonnes.

Using bifacial solar modules, single-axis trackers, and waterless robotic cleaning, it maximizes efficiency while conserving resources. The plant operates under a 25-year power purchase agreement with SECI and is monitored in real-time by AGEL's Energy Network Operation Centre.

https://www.adanigreenenergy.com/

https://www.meteoxperts.com/

EKO Beyond Accuracy.

eko-instruments.com/in

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Instruments: MS-80SH Pyranometer

Collaborators: Meteoexperts Solutions and Adani Green Energy

Measured Parameters: Global Horizontal Irradiance (GHI), Direct Normal Irradiance (DNI), Diffuse Horizontal Irradiance (DHI)

Field: Renewable energy

Challenges: Positioning to eliminate shadow to fall on pyranometer

Installation Date: 2024

Plant Poser/Size: 150MW + 180MW

Location: Ahmedabad, Gujarat - India