

Noor Laayoune Solar PV Park, Morocco

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Noor Laayoune Solar PV Park is an 84.5MW solar PV power project. It is located in Laayoune-Sakia El Hamra, Morocco. The project is currently active. It has been developed in single phase. Post completion of construction, the project got commissioned in 2018.

Project Type	Total Capacity (MW)	Active Capacity (MW)	Pipeline Capacity (MW)	Project Status	Project Location	Project Developer
Solar PV	84.5	84.5	–	Active	Laayoune-Sakia El Hamra, Morocco	Astronergy; International Company for Water and Power Projects

Description

The project was developed by Astronergy and International Company for Water and Power Projects. The project is currently owned by ACWA Power Renewable Energy Holding with a stake of 75%, Astronergy and Moroccan Agency for Sustainable Energy.

Noor Laayoune Solar PV Park is a ground-mounted solar project which is spread over an area of 240 hectares. The electricity generated from the plant has offsetted 104,300t of carbon dioxide emissions (CO₂) a year. The project cost is \$259.787m.

Development Status

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The project got commissioned in 2018.

Power Purchase Agreement

The power generated from the project is sold to Office National de l'Electricite et de l'Eau Potable under a power purchase agreement. The power is sold at the rate of \$0.048kWh for a period of 20 years.

See Also:

[Industry groups criticise Italian Government on solar panel installation limits](#) [↗](#)

[Ilmatar seeks permit for 450MW solar plant in Sweden](#) [↗](#)

Contractors Involved

CHINT Group, Shapoorji Pallonji and Sterling and Wilson Solar were selected to render EPC services for the solar PV power project.

Zhejiang Chint New Energy Development was selected as the supplier of the PV modules for the project. The company installed 264,080 modules at the site.

Ingeteam Corporation supplied 20 inverters to the project site.

Ingeteam Corporation is the O&M contractor for the solar PV power project.

About Astronergy

Astronergy, is a producer and supplier of solar equipment. The company offers inverters, transformers, cables, control systems, power distribution cabinets, PV (Photovoltaic) modules and power stations. It builds rooftop, residential, large scale ground mounted, agriculture and aquaculture complementary solar systems. Astronergy provides project design, procurement, construction and maintenance services. The company constructs and operates power stations in China, the US, South Korea, Thailand, Spain, India, South Africa, Philippines and other countries. It operates production facilities in Thailand; Hangzhou and Haining, China. Astronergy is headquartered in Hangzhou, Zhejiang, China.

About International Company for Water and Power Projects

International Company for Water and Power Projects (ACWA Power) is a developer, investor, and operator of power generation, renewable energy and desalinated water production plants. It supplies electricity and potable water to its customers in the region. It generates power through coal, thermal, oil, gas, solar and wind technologies. ACWA Power also offers operation and maintenance services to power and water desalination industry through its subsidiary, the First National Operations & Maintenance Company. The company has operations across the Middle East, Africa and Asia. ACWA Power is headquartered in Riyadh, Saudi Arabia.

Methodology

All power projects included in this report are drawn from GlobalData's Power Intelligence Center. The information regarding the project parameters is sourced through secondary information sources such as electric utilities, equipment manufacturers, developers, project proponent's – news, deals and financial reporting, regulatory body, associations, government planning reports and publications. Wherever needed the information is further validated through primary from various stakeholders across the power value chain and professionals from leading players within the power sector.