
Białystok, 25.10.2023 r.

Electrum starts construction of photovoltaic farms in Sztum and Mikołajki Pomorskie

Electrum Group, a leading Polish Climate Tech company, has launched another large-scale investment project as a general contractor. Construction has officially begun on two photovoltaic farms with a total installed capacity of 117.1 MW in Sztum and Mikołajki Pomorskie, in the Pomeranian Voivodeship. Both projects are scheduled for completion in spring 2025.

The solar power plants in Sztum and Mikołajki Pomorskie mark the second collaboration between Electrum and PAD RES — a leading Polish developer in the clean energy sector — and the sixth major project under execution announced by the contractor this year. In recent months, Electrum has completed, among others, the Krzywińskie solar farm project in partnership with Nofar Energy. On September 21, together with investor EDP Renewables, Electrum celebrated the official opening of the Przykon solar power plant. The company also plans to expand into foreign markets.

“PV Sztum and PV Mikołajki are another milestone for Electrum. We are consistently achieving our goal by using advanced technologies and expertise to build the energy infrastructure of the future. The projected annual output from PV Sztum and PV Mikołajki will be enough to power up to 65,000 households.” – **Robert Rogowski, Senior Project Manager at Electrum Group.**

The Sztum power plant is a comprehensive project with 86.1 MW of PV capacity installed across two sub-sites covering a total area of 113.3 hectares — PV Barlewice (65.8 MW DC) and PV Koślinka (20.3 MW DC). The integration of all components within the complex will be supported by two 30 kV medium-voltage transmission lines with a total length of approximately 13 kilometers. The connection to the national grid will be made via the GPO Kępina substation.

The smaller installation — the Mikołajki Pomorskie solar farm — consists of 31 MW of production capacity across 50 hectares, divided between PV Mikołajki (5 MW DC) and PV Gdakowo (26 MW DC). Here too, extensive supporting infrastructure is being built, including nearly 5 kilometers of transmission lines and a 500-meter-long high-voltage line. The site will be connected to the grid via the GPO Mikołajki substation, operating at 110/30 kV.

The permitting and legal processes were finalized in August this year. Construction on both farms began simultaneously in September, with completion expected in spring 2025.

About Electrum

Electrum Group is a leading Polish Climate Tech company based in Białystok, offering comprehensive solutions using the latest technologies for the development, construction, and management of energy and information projects. The technological maturity of its experts enables the delivery of products and services tailored to the evolving needs of industry and business as the energy transition advances. The company designs and implements solutions and delivers projects based on the concept of an individual energy mix — balancing social and environmental responsibility with economic performance.

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