

About the project

A wind power plant of 46 Vestas V162-6.2 MW turbines across three territorial communities in the Kirovohrad and Mykolaiv regions.

Connection runs in two directions — to the «Hirnycha-330» and «Kvartsyt-330» substations at 330 kV, the Ukrenergo grid.

Turbine distribution by community

- Ustynivka settlement community — 14 turbines, array D
- Dolynska city community — 14 turbines, array D1
- Kazanka settlement community — 18 turbines, arrays D2-D4

Development status

- Council decisions of all three communities on the detailed territory plan (2023–2024)
- Investment feasibility study — completed
- Aviation schemes for 46 turbines and the external connection network design — completed
- In progress: detailed territory plan, analytical notes, aviation approvals

Project brief

Technology	Wind power plant
Capacity	285 MW (46 × 6.2 MW)
Turbine	Vestas V162-6.2 MW EnVentus, 46 units
Hub height	119 / 166 m (tip 200 / 247 m)
Output	≈ 1,170 million kWh/year (indicative)
Connection	«Hirnycha-330» and «Kvartsyt-330» substations, 330 kV
Land	5.75 ha (46 plots × 0.125 ha)
Communities	3 territorial communities
Location	Kirovohrad and Mykolaiv regions

Why this project

- Two-direction connection at 330 kV — redundancy of the power delivery point
- 46 plots of 5.75 ha in total: minimal built-up density, community land use is preserved
- Decisions of all three communities obtained before the main costs begin