

Göktepe Wind Power Plant Capacity Increase Project

Erguvan Enerji Elektrik Üretim A.Ş. plans to launch the Göktepe Wind Power Plant Capacity Increase Project with a total installed capacity of 105.64 MWm / 105.64 MWe, based on the Electricity Generation License obtained from the Energy Market Regulatory Authority on 04/06/2020. The project will be implemented within the borders of Esenköy in Çınarcık District, and Mecidiye Village and Karşıyaka in Armutlu District, Yalova Province.

As part of the project, 19 wind turbines will be constructed and a Battery Energy Storage System will also be established. The electricity generated at the plant will be transmitted to the Yalova WPP and Yares Yalova WPP Transformer Substations via a 154 kV transmission line.

Scheduled to be commissioned in 2029, the Göktepe Wind Power Plant Capacity Increase Project is expected to supply approximately 260,625 MWh of electricity annually to the grid. Due to its renewable energy source, the wind power plant will also contribute to a reduction of approximately 165,366 tons of CO₂ equivalent emissions per year.

The project is also expected to have positive impacts and contributions to the region's sustainable development and the environment:

- The total amount of electricity produced from wind energy, a renewable and clean source, in Turkey will increase.
- The country's dependence on foreign energy sources will decrease, and significant contributions will be made to the development of the renewable energy sector.
- The share of renewable energy sources in electricity generation will increase, leading to a reduction in pollutants that negatively affect health and the environment.
- A decrease in greenhouse gas emissions contributing to the Climate Change will support efforts to mitigate global warming.
- Additional employment opportunities will be created during both the construction and operation phases.

It is also aimed to communicate the Göktepe Wind Power Plant Capacity Increase Project in more detail to stakeholders in order to develop it as a Gold Standard emission reduction project, and to enable discussions on its sustainability and environmental impacts.

For more detailed technical information about the project, the contact details are provided below.

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