

ContainerPower Energy Solutions

Solar power generation of Azerbaijan communication base stations



Overview

What is a solar PV project in Azerbaijan?

The Project involves financing the development, construction, operation, and maintenance of two solar photovoltaic (PV) power plants in Azerbaijan – (i) 315 MWac Banka solar PV power plant (Banka Solar); and (ii) 445 MWac Bilasuvar solar PV power plant (Bilasuvar Solar). Applicable Policy and Categorization.

What is Azerbaijan's Energy Transition Project?

The objective of the project is to support Azerbaijan's energy transition through expansion of renewable electricity generation.

Which ohtl line will connect Banka solar project to navahi substation?

Additionally, an 80-km 330-kV overhead transmission line (OHTL) which will connect the Banka Solar Project to the Navahi substation and a 90-km 330kV OHTL which will connect the Bilasuvar Solar Project to the Navahi substation are part of the AZURE Project.

Where is the Bilasuvar solar project located?

The Bilasuvar Solar is located in the Bilasuvar district of the Shirvan-Salyan region in Azerbaijan, about 140 km south of Baku. The Project site covers one land plot of approximately 1,454 hectares, categorized as agricultural land and owned by the Bilasuvar Executive Power.

Will the Bilasuvar solar project affect the lake mahmudchala IBA?

The ESIA study and CHA concluded that the Project area is ecologically isolated, and effectively separated from this IBA, therefore, the Project is considered unlikely to generate a significant impact on the Lake Mahmudchala IBA, or the bird species that utilize it, and no net loss will result from development of the Bilasuvar Solar.

Where is Banka solar located?

The Banka Solar is located near the Caspian Sea, approximately 2 km from the coastline and 500 meters north of the Kura River. The Project site covers three separate land plots totaling approximately 973 hectares. These lands will be reclassified as “Renewable Energy Land Category” under the Ministry of Energy by a decree from the Prime Minister.

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