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The pilot project of the Banja floating solar plant started implementation in 2020 and was completed early 2023. The solar plant comprises four floating units of 0.5 MWp each, with a total installed capacity of 2 MWp. The floating units are anchored on the Banja reservoir, near the dam of the Banja hydropower plant.

The Karavasta solar project was awarded to Voltalia in accordance with Decision no. 349, dated June 12, 2018, of the Albanian Council of Ministers and the competition procedure launched by the Ministry of Infrastructures and Energy on January 21, 2020 with the support of the European Bank for Reconstruction and Development - EBRD.

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Renewable energy leader Voltalia announces the completion of the Karavasta solar plant, the largest in Albania and the Western Balkans, with a 140 MW capacity. The plant is set to power 220,000 residents, offsetting over 29,165 tonnes of CO2 annually and aligning with Albania's goal of 54.4% renewable energy by 2030.

Solar Energy of Albania (SENA), a subsidiary of KESH, said it hired a joint venture of Spain-based Gamma Solution and Sungrow FPV from China for a floating photovoltaic facility of 12.97 MW in peak capacity. The location of the long-awaited project is on the reservoir of the Vau i Dejës hydropower plant.

The patented technology is based on solar modules mounted on hydro-elastic membranes and offers cost and



## Albania containerised solar system

performance benefits not seen in any other floating PV system today.

France's Voltalia SA has completed the construction of its 140-MW Karavasta solar park in Albania and is ready to start generating power, the renewable power plants operator said on Tuesday.

The first section of the plant was built with 1,536 solar panels, provided by an unnamed manufacturer, and floating membranes supplied by Norwegian specialist Ocean Sun.

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