



Eleris Energy Plans First Gigawatt-Scale Integrated Solar Hub in Bangladesh

US-based Eleris Energy Ltd. (“Eleris”) plans to build 3,000MWac of grid-integrated solar power on Swarno Dweep Island in the district of Noakhali and Chattogram Division of Bangladesh, approximately 180 km southwest of Dhaka.

This solar power “hub” will be a major contributor to the sustainable development goals of Bangladesh. The project will be implemented with totally private sector funding in phases over the next five years under a public-private partnership executed in 2022 between Eleris and the Government of Bangladesh represented by the Bangladesh Army Welfare Trust.

This public-private partnership follows international best-practice through which the Government of Bangladesh and the Bangladesh Army provide the rights to develop exclusively marginal, non-agricultural land, while the private sector assumes and manages all the development risk exposure and financial responsibility to implement the project on a Build-Own-Transfer or “BOT” basis.

The solar hub will deploy next generation solar module arrays stretching across up to 10,000 undeveloped, non-agricultural, and marginal acres on Swarno Dweep, as well as supporting port facilities, a technologically innovative and environmentally prudent fiber reinforced polymer barrier wall system to effectively protect and preserve the land and project infrastructure from the sea, provision for a battery energy storage system to support the power grid, and approximately 60km of high-voltage transmission lines and substation upgrades to be able to connect to the national power grid near Dhaka.

