



# Solar power for Anguilla

The solar PV plant is CDB's sixth intervention in the energy sector in Anguilla, and supports the Government of Anguilla's goal of transforming the country into a low carbon economy. The country has set a national target of producing 30 percent of its electricity from renewable sources by 2030 and cutting greenhouse gas emissions.

CDKN is helping Anguilla achieve its goal of obtaining 15% of its energy from solar power by funding the Anguilla Renewable Energy Integration Project. This is being carried out by Castalia Strategic Advisors, under the guidance of AERO, on behalf of the Government of Anguilla.

Anguilla has a high solar potential and set a renewable energy mix target of 30% by 2030. Presently Anguilla's energy mix is comprised of only 4% renewable energy. Its electrical demand peaks at 16MW and its electricity prices are high relative to the rest of the Caribbean.

Our residential solar solution not only serves as a backup during load shedding but also maximizes the return on your PV investment. With seamless switching and a noiseless design, our solution offers the ideal power solution for your home.

While generating electricity from solar is a great opportunity for Anguilla, the only practical way to implement solar is by interconnecting with the existing electricity grid. A stable and reliable grid is essential to the feasibility of cheaper power through solar.

Currently, the energy laws in Anguilla allow independent power producers to generate electricity using renewable resources for personal consumption or to supply the utility. The NEP provides a detailed step-by-step legal framework to ensure reduced dependence on fossil fuels particularly for power generation.

There are several renewable energy options in Anguilla that could cost less than electricity generated with diesel that would achieve these benefits. AREIP screened renewable energy technologies, including solar, wind, geothermal, hydro, and ocean technologies, based on

Each panel produces Direct Current (DC) power by absorbing sunlight that is later converted into Alternating Current (AC) electricity to be used in households all over Anguilla. This project is a landmark development for Anguilla's future, and positions the island as one of the leaders in renewable energy throughout the region. Observers from ...

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This expensive, wildly fluctuating priced power is also extremely unclean with significant carbon emissions. Add to that, the fact that the region receives roughly 35% more sunlight per annum, and it you have the perfect formula for the adoption of solar power.

almost all of Anguilla's primary energy sources, and virtually all of its power generation. (There is some non-grid connected generation with solar photovoltaic, PV). Anguilla has no primary fossil fuel resources; therefore, it must import all fuel that it requires. This makes the island particularly

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