

PHOTOVOLTAIC PARK



Our hotel group EM Resorts, consisting of Minoa Palace Resort & Euphoria Resort, as part of our commitment to reduce our carbon footprint has conducted a "Green" investment of constructing a Photovoltaic Park. The Park is the largest in Crete so far, having a total capacity of 3 MW, and aims to supply and cover both resorts' needs in electricity power.

The solar panels are installed on a privately owned extended land of 43.500 square meters in the Akrotiri district of the Municipality of Chania.

In brief, the Solar power plant consists of 5370 pieces of cutting-edge solar collectors (dual glass bifacial modules) and a remote telemetry system that allows output to be monitored at any time.

The operation of the power station is based on the virtual net metering concept, that is, the generated energy of the Photovoltaic Park is fed into the grid and offset the electricity consumed in the hotels' premises.

The Project is expected to produce 5,000,000 kWh per year, offsetting around 2,000 tons of carbon dioxide (CO₂).

In addition to lowering energy costs, EM Resorts are implementing their vision for sustainable growth by sourcing most of their energy demands from Renewable Energy Sources through the operation of the Photovoltaic Park.

The Photovoltaic Project fits seamlessly into EM Resorts' green vision initiative whereby the experience of luxury accommodation is inextricably linked with respect and protection of the environment. Solar energy, which is the most abundant energy resource on the island of Crete, as well as the other initiatives and actions of EM Resorts that include water conservation, water, and waste management, continuous staff training, support of the local community, responsible procurement, corporate actions (Archelon, Smile of the Child, donations of furniture, linen and equipment to foundations), are all part of the implementation of sustainability practices of our company.