



Case Study

CMS Factory, Ras Al Khaimah, UAE

Rooftop Solar-Hybrid Plant | Industrial Facility

Project Highlights

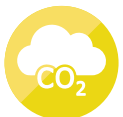
- Solar-Diesel Hybrid System
- Scalable, Modular Mounting



250 MWh/year
Solar production



150,000 AED/year
Electricity saved



160 tons/year
CO2 saved

Project Description

Century Mechanical Systems (CMS) is an ISO-certified manufacturer of heating, ventilation and air conditioning products, as well as accessories. For several years now they have had to run their factory in Ras Al Khaimah on diesel generators. This resulted in high fuel, operating and maintenance costs which has long been a concern for the company. In an attempt to reduce the cost and environmental impact of the factory, CMS contacted Enerwhere to help supply power in a more efficient and cost-effective manner.

Enerwhere designed, engineered and constructed the solar rooftop plant which is integrated in to the solar-generator system. This has reduced the dependency on diesel generators by reducing its share of fuel consumption and therefore the overall cost of power. This has also reduced the company's carbon footprint in line with its vision of Eco friendly products and solutions.

Project Details

Industry	Steel forming
Plant type	Solar-Diesel Hybrid
Capacity	1.5 MVA, 128 kWp
Location	Al Hamra, UAE
Deployed	July 2017

