



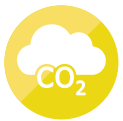
Case Study

SMG Labour Camp, Habshan, Abu Dhabi

Solar-Diesel Hybrid System



380 MWh/year
Solar production



1,240 tons/year
CO₂ saved



263,000 USD/year
Saved on energy cost

Project Highlights

- Solar-Diesel Hybrid System
- Rooftop non-intrusive solar installation

Project Details

Industry	Temporary Accommodation
Plant type	Solar-Diesel hybrid
Capacity	3 MVA of DG
Location	Habshan, Abu Dhabi
Deployed	February 2018

Project Description

Suhail Al Mazroui Group (SMG), one of UAE's leading contractor provides transportation, heavy equipment and facility management for the Oil & Gas (O&G) fields in the remote deserts of Abu Dhabi. In order to continually provide support to the O&G sector, SMG operates a camp for its workforce in Abu Dhabi's Habshan region which provides accommodation, leisure and catering services.

For several years SMG had been operating the camp using costly and inefficient diesel generators until Enerwhere took over provision of power on the basis of power purchase agreement (PPA) in February 2018. Enerwhere's system introduced power management and renewable energy into the power generation mix which integrates/utilizes clean and renewable solar energy alongside multiple high efficiency synchronized diesel generators to provide cost-effective, sustainable and reliable power supply. By doing so, Enerwhere's system helps to reduce SMG's operating cost and CO₂ emissions by over 15%.



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TRANSPORTATION & HEAVY EQUIPMENTS ESTABLISHMENT.



System Diagram

SMG Labour Camp, Habshan, Abu Dhabi Solar-Diesel Hybrid System

Enerwhere's Solar-Hybrid System For Off-Grid Facilities

