



Sukkur IBA is one of the leading Management school of Sukkur and Sindh.

In 2012 the management of Sukkur IBA decided to have a pilot project installation of a solar powered building in their campus. After a rigorous tendering process the project was awarded to us.

It was decided to install the pilot Solar project on the newly constructed admin building which has been designed by Habib Fida Ali Architects Karachi.

Sukkur IBA also decided to install LED lighting in the new project in order to reduced the energy footprint of the facility and thereby having to install a relatively smaller PV system to cater for the energy needs of the building.

As a result a 10kWp PV system with 6kW backup has been installed which provides enough energy in a day to run the building operations, without the Air Conditioning loads being covered.

## The Project

**Commencement:**

January 2013

**Completion:**

In Progress expected completion August 2014

**Loads:**

10kWp Generation  
6kW Connected

## Scope of Works

AC Coupled hybrid backup system with 4 hours of continuous power backup.

## Products Used

### REC Solar Panels

40 x REC 250 Peak Energy Series Solar Panels

### SMA Inverters

1 x SMC 10000 Solar Inverter

1 x SI8.0H 6.0kW Backup Inverter

### SEC Batteries

24 x 2V 700AH Sealed AGM Batteries