



# Solar PV System Design

## Malek Academy

**Client:**  
Malek Academy

**Location:**  
South Sudan

**Start Date:**  
April 2013

**Completion Date:**  
June 2013

**Key Services:**

- ▷ Energy Audit
- ▷ Energy Report
- ▷ Procurement Management
- ▷ System Handover
- ▷ User Training
- ▷ Contracted after service

### CONTACT

Mark Hankins | CEO  
African Solar Designs Ltd.

T: +254 (0) 20 2187691  
E: [mhankins@africansolardesigns.com](mailto:mhankins@africansolardesigns.com)

[www.africansolardesigns.com](http://www.africansolardesigns.com)

ASD conducted an on-site energy audit to evaluate electricity and energy consumption patterns and needs, and to assess existing appliances and energy supply equipment for Malek Academy in South Sudan.

### OVERVIEW

ASD conducted an on-site energy audit to ascertain fuel records and electricity output on current energy sources. ASD then provided energy audit report and proposal for solar PV system design based on the needs and capacity of the Malek Academy. To ensure the system's implementation and ensure quality standards, ASD then managed the procurement and installation of solar PV equipment, the system handover to the client, the user training at the site, and contracted the preparation for system after-service.