

## Solar Photovoltaic Generator Installations

Some of solar photovoltaic generators designed and installed by Conservators Bureau.



- **Feb, 2009** Installation of 240kW Solar Generator for the orphanage owned by Diocese of Iringa.

The generator is used for back up power supply as the electricity from the National Grid is not reliable.



- **2002-2008** Installation of 6kW Solar Generator at Lugala Lutheran Hospital, Ulanga District, Tanzania.

Lugala Lutheran Hospital uses electricity from Solar Generator for 21 hours per day and thermal diesel generator 3 hours per day.

- **Dec, 2008** Installation of 350W Solar Generator for Mtimbira Girls Hostel, Ulanga District Tanzania.



**2008** was a breakthrough as 30 small systems were installed in Ulanga District for the domestic lighting and business of Solar Mobile Charging Kiosks

## Other projects

2007	Installation of Solar Photovoltaic Systems for 3 families, Ulanga District	Dr. Kweka, Mr. Libengu, Mr. James Ndeule	Works consist of design and installation of the systems, 12Vdc/220Vac 240W 400Ah, 12Vdc/220Vac 56W 75Ah and 12Vdc 24W 30Ah, respectively.
2007	Training 50 women in <a href="#">solar food processing</a> , Malinyi, Tanzania	Lutheran Church-Tanzania and Bethlehem Church-Merrysville	Works consisted of planning, designing the project and training of 50 women in the ward of Malinyi, Tanzania.
2007	Installation of 2 solar photovoltaic generators for Mtimbira Health Centre	Solidar Med Support Unit, Ifakara	The works consisted of design and development of 2 systems: 12Vdc 240W 360Ah and 12Vdc 80W 200Ah
2007	Improvement of energy use at the Bethlehem Centre, Ifakara	Tanzania Episcopal Conference	The works consisted of energy auditing for lights, installation of energy saving lamps and power stabilisation equipment.
2007	Improvement of energy use at	Lutheran Church-Ulanga	The works consisted of energy auditing for

	the Lutheran Church Headquarter-Ifakara, Kilombero District	Kilombero Diocese		lights, installation of energy saving lamps and power stabilisation equipment.
2007	Extension of Solar Photovoltaic System for Sofi Pre-Seminary, Ulanga District	Catholic Church-Diocese of Mahenge		The works involved planning for extension and installation work of 12Vdc/480W 800Ah 220Vac/1.1kW system
2006	Installation of Solar Photovoltaic System at Bethlehem Centre-Ifakara, Kilombero District	Catholic Church-Diocese of Mahenge		The works consisted of design and development of the system 12Vdc/220Vac 480W 1400Ah
2006	Extension of Solar Photovoltaic System at St. Pius Parish, Ulanga District	Catholic Church-Diocese of Mahenge		The works consist of design of extension and installation from 200W to 280W solar generator
2006	Training of 6 midwives in the maintenance of Solar Photovoltaic Powered radio calls, Ulanga District	Ulanga District Council		Work included the introduction of Solar Photovoltaic System and its care
2006	Installation of Solar Photovoltaic System for Biro Sisters, Ulanga District	Catholic Church-Diocese of Mahenge		Works included design and installation of Solar Photovoltaic System 12Vdc/240W 600Ah 220Vac/500W
2006	Installation of Solar Photovoltaic System for Mofu Parish, Kilombero District	Catholic Church-Diocese of Mahenge		Works included design and development of Solar Photovoltaic System 12Vdc/290W 800Ah 220Vac/500W
2006	Installation of Solar Photovoltaic Systems for 3 families, Ulanga District	Mr. Emanuel Chogo, Mr. Josephat Matimbwi and Mr. Ignas Mollel		Works consist of design and installation of the systems, each 12Vdc/56W 100Ah 220Vac/500W
2005	Development of Water supply by gravity-Chita Village, Kilombero District	Catholic Church-Diocese of Mahenge		Assignment involved the planning, surveying and designing of system for water supply by gravity for 4000 villagers.
2005	Installation of 2 Solar PV Systems for Ruaha Parish	Catholic Church-Diocese of Mahenge		The works included planning, designing, procurement of the parts and installation of the systems for priestarium and dispensary.
2005	Installation of Solar PV System for Kilolero Parish	Catholic Church-Diocese of Mahenge		The works included planning, designing, procurement of parts and installation of Solar PV System for light and powering Free to Air Television Receiver.
2005	Restoration of VHF Radio Communication at Kilolero Parish	Catholic Church-Diocese of Mahenge		The works included the reinstallation of radio equipment and Solar PV System.
2005	Restoration of Solar PV System for Mbingu Sisters	Catholic Church-Diocese of Mahenge		The works included reinstallation of solar generator and inverter for powering light, laptop and Free to Air Television Receiver
2005	Installation of Solar PV System for Sali Parish	Catholic Church-Diocese of Mahenge		The works included planning, designing and installation of Solar PV System for powering light, computer and Free to Air Television Receiver.
2004	Establishment of kindergartens	Catholic Church-Diocese of Mahenge		Construction of school structures for the parishes of St. Pius X-Malinyi and St. Klaus Von Flue-Ngoheranga
2004	Installation of Solar PV Systems for St. Klaus Parish-Ngoheranga	Catholic Church-Diocese of Mahenge		The works included design and installation of Solar PV Systems for fridge, and powering light and Free to Air Television Receiver.
2004	Installation of Solar PV System for St. Patrick Pre-Seminary Sofi	Catholic Church-Diocese of Mahenge		The works included design and installation of Solar PV System for light and Free to Air Television Receiver.
2004	Restoration of Solar PV	Catholic Church-Diocese of		The works included the performance

	System at Itete Parish		Mahenge		analysis and repair of the parts and system reinstallation.
2004	Restoration of VHF communication at Bishop House-Mahenge	Radio	Catholic Church-Diocese of Mahenge		The works included the repair of reception antenna.
2004	Installation of VHF communication equipment at Kilombero Parish	Radio	Catholic Church-Diocese of Mahenge		The works consisted of installation of radio, antenna and Solar Power System.
2004	Restoration of Solar System at Mofu Parish	PV	Catholic Church-Diocese of Mahenge		The works included reinstallation of electricity supply wire, repair of charge control and system reinstallation.
2004	Installation of Solar System for St. Pius X Parish	PV	Catholic Church-Diocese of Mahenge		The works included designing and installation of Solar PV System for light and powering Free to Air Television Receiver.