

EQUATORSOLAR

PROJECT REFERENCES



by

Equator Solar Systems Ltd.
Ntinda, Kampala

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REFERENCE PROJECTS

Over the past years Equator Solar developed and implemented many solar PV and consultancy projects for various customers in Uganda and neighbouring countries. These include grid-connected captive power systems for cost saving as well as battery systems for emergency and off-grid electricity supply. Hospitals, schools as well as commercial and industrial enterprises are amongst the clients. Below can be seen a list of selected and relevant reference projects.

Project Title	Client	Period	Project Value in USD
Installation of 3 to 10 kWp and 5 to 15 kWh PV Solar Systems at 250 Health Centres in Uganda, in cooperation with UNICEF and Ministry of Health Uganda References: Guy Watson, Project Manager, Solar 23, guy.watson@solar23.com	Solar 23, UNICEF, Ministry of Health Uganda	In progress till 01/2026	500,000
10 kWp solar PV solution with 10 kWh battery back-up for a School References: ERNST Gassmann <erjagassmann@gmail.com> Stefan Linsi, stefan@linsi.ch Vicent Musamali, vicentmusamali@gmail.com'	Soroti Youth Skills Centre Foundation Farm	2025	12,500
30 kWp solar PV solution with 30 kWh battery back-up for a School References: ERNST Gassmann <erjagassmann@gmail.com> Stefan Linsi, stefan@linsi.ch Vicent Musamali, vicentmusamali@gmail.com	Soroti Youth Skills Centre Foundation	2025	26,000
50 kWp solar PV solution with 120 kWh battery back-up for apartment complex References: Alykhan Allibhai, the17onthehill@gmail.com Thomas Frank, Enpower.Life, thomas.frank@enpower.life	The Seventeen Apartment	2025	76,000
250 kWp solar PV solution for food processing company References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Ahab Etyang, Solar Asset Manager, SAWA energy, ahab@sawaenergy.com	Sumz Food	2025	35,000
30 kWp and 96 kWh back-up solution for Masindi Hotel References: Rahim Mohamed, management@masindahotel.com Thomas Frank, Enpower.Life, thomas.frank@enpower.life	Masindi Hotel	2025	81,000

120 kWp solar PV solution for industrial bakery References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Ahab Etyang, Solar Asset Manager, SAWA energy, ahab@sawaenergy.com	Ever Brown Millers & Bakery	2024	20,000
12 kWp solar PV solution and 28 kWh solar back up for a residential References: Hamida Hudani, hamida_hudani@yahoo.com	Malcom X Residential	2024	24,000
58 kWp Solar PV solution for coffee processing company References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Ahab Etyang, Solar Asset Manager, SAWA energy, ahab@sawaenergy.com	Noble Commodities U LTD	2024	10,000
130 kWp Solar PV solution for International University of East Africa References: Amb Hassan Alwi, hassanalwi@iuea.ac.ug, Thomas Frank, Enpower.Life, thomas.frank@enpower.life	International University of East Africa	2024	84,000
500 kWp Solar PV solution, 200 kWh solar back-up for productive use of energy at a tea factory References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Ahab Etyang, Solar Asset Manager, SAWA energy, ahab@sawaenergy.com	Kyamuhunga Tea Company	2024	117,000
200 kWp Solar PV solution, 200 kWh solar back-up for productive use of energy at a flower farm References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Ahab Etyang, Solar Asset Manager, SAWA energy, ahab@sawaenergy.com	Jambo Roses	2024	67,000
65 kWp Solar PV solutions for direct savings at Case Medical Centre References: Ssejongo Richard, ssejongo@casemediservices.org Thomas Frank, Enpower.Life, thomas.frank@enpower.life	Case Medical Centre	2024	42,000
20 kWp and 19 kWh Solar system with Back-up for the supply of Living Lab at the Department of Agriculture Livestock and Fisheries, Kisumu, Kenya References: Susan Clare Adhiambo, Ministry of Agriculture and Fisheries Thanasis Chantzarpoulos, AquaBioTech Group, thc@aquabt.com	Department of Agriculture Livestock and Fisheries, Kenya	2024	48,000
22 kWp and 57 kWh and floating PV Solar Solution for the supply of Living Lab at the Sustainable Agriculture Tanzania, in Morogoro, Tanzania	Sustainable Agriculture Tanzania	2024	80,000

References: Christoper Maram, Ministry of Agriculture Thanasis Chantzaropoulos, AquaBioTech Group, thc@aquabt.com			
10 kWp and 10 kWh Solar system with Back-up for the supply of Living Lab at the NARO in Kajjansi, Uganda References: Aruho Cassius, NARO Office, aruhoc@gmail.com; Thanasis Chantzaropoulos, AquaBioTech Group, thc@aquabt.com	Living Lab at NARO Kajjansi	2024	30,000
20 kWp Solar PV solution for direct savings at Ambrosoli International school, Uganda References: Kelly Forbes, Operational Manager, operations@ambrosolischool.com	Ambrosoli	2024	19,000
Consulting on Issue Briefs for development of energy policy in agricultural and food sector in Uganda References: Etunganan, Jacob, jetunganan@snv.org	SNV, Netherlands	2024	12,000
Installation of 7 kWp Solar and 15 kWh battery system in off-grid mode at Amasiko Greenschool in Hamukaaka, Uganda References: Wolfgang Simoneit, Amasiko e.V. Germany, amasiko-eV@gmx.de, Frank Akankwasa, Amasiko Greenschool, akankwasafrank@gmail.com	Amasiko Greenschool	2024	30,000
Installation of charging station at GIZ Country Office, Uganda References: Blaich, Carsten, GIZ Uganda, carsten.blaich@giz.de Akanyetaba, Susan, GIZ Uganda, susan.akanyetaba@giz.de	GIZ Uganda	2024	2,500
Solar Feasibility Study for 7 sites at dairy cooperatives in Uganda References: Edna Nyamwaka, Heifer International, Edna.Nyamwaka@heifer.org John Ssenyonga, Heifer International, John.Ssenyonga@heifer.org	Heifer	2023	13,000
86 kWp Solar PV solution, 96 kWh solar back-up for productive use of energy at a media company References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Samuel Kaufman, SAWA energy, samuel@sawaenergy.com	Next Media Park	2023	29,000
95 kWp solar system with grid connection in captive power configuration for productive use of energy at a Restaurant, Hotel and Mall complex References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.com Samuel Kaufman, SAWA energy, samuel@sawaenergy.com	Quality Hill Boutique Mall	2023	19,000
150 kWp solar system with grid connection in captive power configuration for supplying the production chain of meat factory	Ranchers Finest	2023	30,000

References: Allan Okello, Executive Manager, SAWA energy, allan@sawaenergy.co Samuel Kaufman, SAWA energy, samuel@sawaenergy.com			
50 kWp solar system with grid connection in captive power configuration for supplying a Dairy Farm in Kapeeka References: Emmanuel Yoga, Director of Misty Mountain Ltd., pgakazi@gmail.com	Misty Mountain Dairy Farm Ltd.	2023	44,000
75 kWp Solar PV solution, 120 kWh solar back-up for productive use of energy References: Guillaume Charpenel, SAWA energy, guillaume@sawaenergy.com Samuel Kaufman, SAWA energy, samuel@sawaenergy.com	Spouts of Water / Good Energy Investment	2023	138,000
100 kWp Solar PV solution, 120 kWh solar back-up for independent power supply in critical infrastructure in Corsu Hospital, Uganda References: Andrew Muleledhu, Corsu Hospital, Andrew.Muleledhu@corsuhospital.org Richard Nabigunda, Corsu Hospital, Richard.Nabigunda@corsuhospital.org	Corsu Hospital	2023	178,000
Feasibility study on country wide roadmap for solarizing boreholes in Uganda References: Allan Kaford, NWSC, kafordallan@gmail.com Martin Nijssen, VEI, Martin.Nijse@vei.nl	National Water and Sewerage Corporation / VEI	2022 in progress	19,500
Development of a model for Eco Industrial Parks in Uganda References: Yunus Alokore, GIZ (PREEP) Uganda, yunus.alokore@giz.de Eng. David Birimumaso, MEMD, d.birimumaso@energy.go.ug Paul Echatu, UIA, pechatu@ugandainvest.go.ug	GIZ / MEMD / UIA	2022	152,000
35 kWp solar system with grid connection in captive power configuration References: Thomas Frank, Enpower.Life, thomas.frank@enpower.life Hanif Rehemtulla, Yujo Izakaya Restaurant, hanif.rehemtulla@gmail.com	Yujo Izakaya Restaurant / Empower.life	2022	37,000
Development holistic Renewable Energy supply and Energy Efficiency solutions for 7 tea factories in Uganda References: Dennis Barbian, GIZ (GBE) Uganda, dennis.barbian@giz.de Kaggwa Usamah, MEMD, u.kaggwa@energy.go.ug	GIZ Uganda	2021-2022	150,000
Design of extension of a PV solar power plant up to 500 kWp Reference: Dennis Barbian, GIZ (GBE) Uganda, dennis.barbian@giz.de Valentin Hollain, GIZ, valentin.hollain@giz.de	GIZ Uganda / Radio Pacis	2021-2022	14,000
200 kWp Industrial solar PV solution for Factory, hybrid system with grid connection and genset integration References: Geoffrey Mulwana, Jesa Farm Dairy, ed@jesa.co.ug Gabriel Lukoda, Jesa Farm Dairy, glukoda@jesa.co.ug	Jesa Farm Dairy	2020-2022	168,000
7 kWp Solar PV System with 3.5 kWh Supercapacitor Storage back-up for Wastewater Treatment Plant References: Prof. Jan Hoinkis, Hochschule Karlsruhe, Jan.Hoinkis@hs-karlsruhe.de	Lubaga Hospital / Hochschule Karlsruhe	2021-2022	20,000

Solar PV System extension with 22 kWp of solar panels and 21 kWh of supercapacitor storage, solar back-up for whole hospital Reference: Wolfgang Fischer, Partnerschaft Gesunde Welt e.V., w.m.e.fischer@gmx.de	Naggalama Hospital / Partnerschaft Gesunde Welt e.V.	2021	74,000
28 kWp solar system with grid connection in captive power configuration References: Thomas Frank, Enpower.Life, thomas.frank@enpower.life Fred Mutumba, Aquarius Kigo Resort, fkmutumba1@gmail.com	Aquarius Resort Kigo / empower.life Uganda	2021	28,000
Green and affordable electricity supply to Infrastructure in refugee camps, load measurements and solar PV solution development for 7 different UNHCR sites References: Noah Ochima, GIZ UG, noah.ochima@giz.de Cleo Forster, UNHCR, forsterc@unhcr.org	UNHCR / GIZ Uganda	2020-2021	80,000
Site assessments including load profile measurements at 10 sites for development of RE solutions for the energy supply Reference: Hendrik Hundhausen, GIZ PDP, hendrik.hundhausen@giz.de	PDP- GIZ Uganda / IRC	2021	17,000
2x 12 kWp solar PV systems with grid connection in captive power configuration Reference: Wolfgang Fischer, Partnerschaft Gesunde Welt e.V., w.m.e.fischer@gmx.de	Naggalama Hospital / Buluba Hospital / Partnerschaft Gesunde Welt e.V.	2019	40,000 in total
15 kWp solar PV with 30 kWh Li-Ion battery storage, biogas and diesel generator Integration References: Prof. Jan Hoinkis, Hochschule Karlsruhe, Jan.Hoinkis@hs-karlsruhe.de	Department of Fisheries Kenya / Hochschule Karlsruhe	2018	67,000
72 kWp solar system with grid connection and Li-Ion battery back-up for emergency supply Reference: Wolfgang Fischer, Partnerschaft Gesunde Welt e.V., w.m.e.fischer@gmx.de	Lubaga Hospital / Partnerschaft Gesunde Welt e.V.	2016 / 2019	125,000 in total