

Track Record

Rural electrification – projects involved



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Year	Location	Customer	Description of the project	kWp
2010	Kuwait	Kuwait Cool & Solar	AC coupled system	12.0
2010	Kuwait	Kuwait Society of Engineers	Backup systems	
2010	Kenya & Namibia	Yingli Green Energy Europe	Football for Hope Centre lighting systems	1.6
2010	Nigeria	Sudbraty	500 x street lighting systems	85.0
2010	Eritrea	UNDP Eritrea	School lighting system and Solar Home System for teacher residence	1.4
2010	Eritrea	Grundschule Adi Belsey	PV system for teacher's and computer room	2.2
2010	Eritrea	Adebeza Church	Solar system for church	0.2
2010	Burkina Faso	Ikratos Africa	5 PV systems, 2.500 W/15 hrs load	11.0
2011	Tanzania	ICSEE	100 Ulitium based Solar Home Systems	0.02
2011	Sudan	UNDP	26 power systems	0.2
2011	Liberia	GIZ head office Germany	PV power supply for field office	0.1
2011	Mozambique & Tanzania	Yingli Green Energy	Pitch lighting systems for Football for Hope Centre	2.8
2011	Ethiopia	PLAN International	PV systems for schools, health stations, water pumping systems	10.0
2011	Sierra Leone	UNDP	PV power supply for 30 schools	19.5
2012	Iraq	Raban al Safina	2000 street light systems	
2012	Cameroun	Yingli Green Energy	Pitch lighting systems for Football for Hope Centre	2.0
2012	Tanzania	ICSEE	400 Ulitium based Solar Home Systems	1.2
2012	South Sudan	Savanna	400 Ulitium based Solar Home Systems	1.2
2012	Ethiopia	PLAN International	500 solar lanterns	1.5
2012	Eritrea	Office of President	Solar systems for health centres	22.0
2012	Somalia, Madagascar	UNICEF	50 solar refrigerator systems 270 WP, capacity 76 L	13.5
2012	India	UNICEF	2 solar refrigerator systems 165 WP, capacity 18 L	0.3
2012	Mauritania	UNICEF	5 solar refrigerator systems 165 WP, capacity 18 L	0.8
2012	Zimbabwe, Botswana, South Africa	Yingli Green Energy	Pitch lighting systems for „Football for Hope“ centres	6.0
2012	Pakistan	UNICEF	9 solar refrigerator systems 220 WP, capacity 76 L	2.0
2013	Somaliland	Horn Renewables	BOSS cooling system and mobile phone charging station for kiosks	0.2
2013	Eritrea	FAO Eritrea	Off-Grid Connect system, backup with PV for FAO-office	12.6
2013	Eritrea	Nelto Church	AC-Solar Home System for audio system and lighting	1.1
2013	Cameroon	Projet Baham/Matrix Power	200 street lighting system	28.0
2013	Ghana	Central University Collage/ Lumentech	Back up system for university	
2013	Eritrea	German Embassy Asmara	Hybrid back-up for embassy & ambassadors house with PV	6.0
2014	Ethiopia	AAU	500 Solar Home Systems and 9000 lanterns	25.0
2014	Eritrea	EU – Ministry of Development	429 community courts	310.0
2014	Somalia	Horn Renewables	BOSS Solar Cooling Kits	5.0

Year	Location	Customer	Description of the project	kWp
2014	Nigeria	AO Demarg	40 streetlights	5.4
2014	Ivory Coast	STel	45 streetlights PAA	9.0
2015	Eritrea	Aktion Eine Welt	Power supply for school	4.5
2015	Sudan	Solarman	Streetlights	52,6
2015	Gabon	PSF	Off-Grid Connect for private house	38
2015	Chad	PSF	21 streetlights	2.2
2015	Ivory Coast	Port Autonome d'Abidjan	85 streetlights	17
2015	Ethiopia	Lydetco Plc	2 Off-Grid Connect Systems	5.6
2015	Somaliland	Horn Renewable Energy Company	Various BOSS Systems	9.42
2015	Zambia	Electrical Maintenance Lusaka Ltd.	Off-Grid system	5.58
2016	Eritrea	Legeset Asghodom	Solar home system	0.8
2016	Eritrea	ZehaiAlem Abera	Solar home system	1.2
2016	Djibouti	Transit Marill	16 solar streetlights 42 W	3.2
2016	Senegal	Solene	BOSS sundaya charging station	
2016	Ivory Coast	S-Tel	2 OGC systems for lighthouses for Port Autonome d'Abidjan (PAA)	15.6
2017	La Réunion	SECAB	Stand alone Solar system for a school	8
2018	Burkina	CEGELEC/OMEXOM	32x Solar Home Systems (11x 1kWc, 150Ah@48V + 21x 11x 520 Wc, 150Ah@24)	22
2018	Ivory Coast	Stel	250x Solar PicoPV Lithium - (20Wp, 51Wh)	5
2018	Tanzania	Northland Controls	Off-Grid PV system for manyara Ranch ranger Post, Arusha Region	3,9
2018	Eritrea	ICRC	10 Solar powered grain mills	18
2018	South Sudan	Deutsche Welthungerhilfe e.V.	Off-Grid PV and backup system for a field office	4,32
2018	Eritrea	Grundschule Adi belsey in Eritrea e.V.	Off-Grid and back-up systems	
2018	Somaliland	Horn renewable Energy company	Various Cooling and PV systems	
2018	Guinea	BEGECA	Energy generation kits	11,96
2018	Burkina Faso	BEGECA	Off-Grid PV system	3
2019	Eritrea	Bisha mining	Field office PV system	2,72
2019	Somaliland	Horn renewable energy	Solar powered grain mill	4,68
2019	Ethiopia	RET Engineering	PV backup system	3,5
2019	Malawi	BEGECA	20 Energy generation kits	10,8
2019	Liberia	BEGECA	8 energy generation kits	5,9
2019	Guinea	BEGECA	3 Power tower kits	6,72
2020	Ivory Coast	S-Tel	2Total05 - Fronius	
2020	Somaliland	Kaafi Horn Renewable Energy Company	Grid-parallel hybrid solar system (48kW inverter/charger, 48kWh battery bank)	69
2020	Congo	BEGECA	Hybrid power supply (18kW inverter/charger, 50kWh battery bank)	11,76
2020	Eritrea	Verein Grundschule Adi Belsey	Solar power supply for 2 schools with 40kWh battery backup	22,14
2020	Ethiopia	Lydetco, Humedica	Hybrid power supply (10kW inverter/charger, 130kWh battery bank)	21,32

Year	Location	Customer	Description of the project	kWp
2020	Eritrea	Bisha Mining Share Company	Hybrid power supply (10kW inverter/charger, 56kWh battery bank)	7,35
2020	Malawi	GIZ	5 Systems hybrid power supply (total: 76kW inverter/charger, 411kWh battery bank)	50,76
2020	Cameroon	GIZ	Hybrid power supply (5kW inverter/charger, 37,8kWh battery bank)	3,96
2020	Liberia	BEGECA	Systems of 500W/24v and 1000W/24V, 2 Kits (total: 105kWh battery bank)	5,94
2020	Ethiopia	GIZ	10 Complete solar systems (Total: 232,32kWh Battery bank)	21,0
2020	Congo	BEGECA	Hybrid power supply (20kW inverter/charger, 82kWh battery bank)	12,6
2020	Senegal	GIZ	Solar components (10kW inverter/charger, 37kWh battery bank)	2,2

Note: Reference list up to 31 December 2020

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