Phaesun®

Track Record
Oil & Gas projects involved

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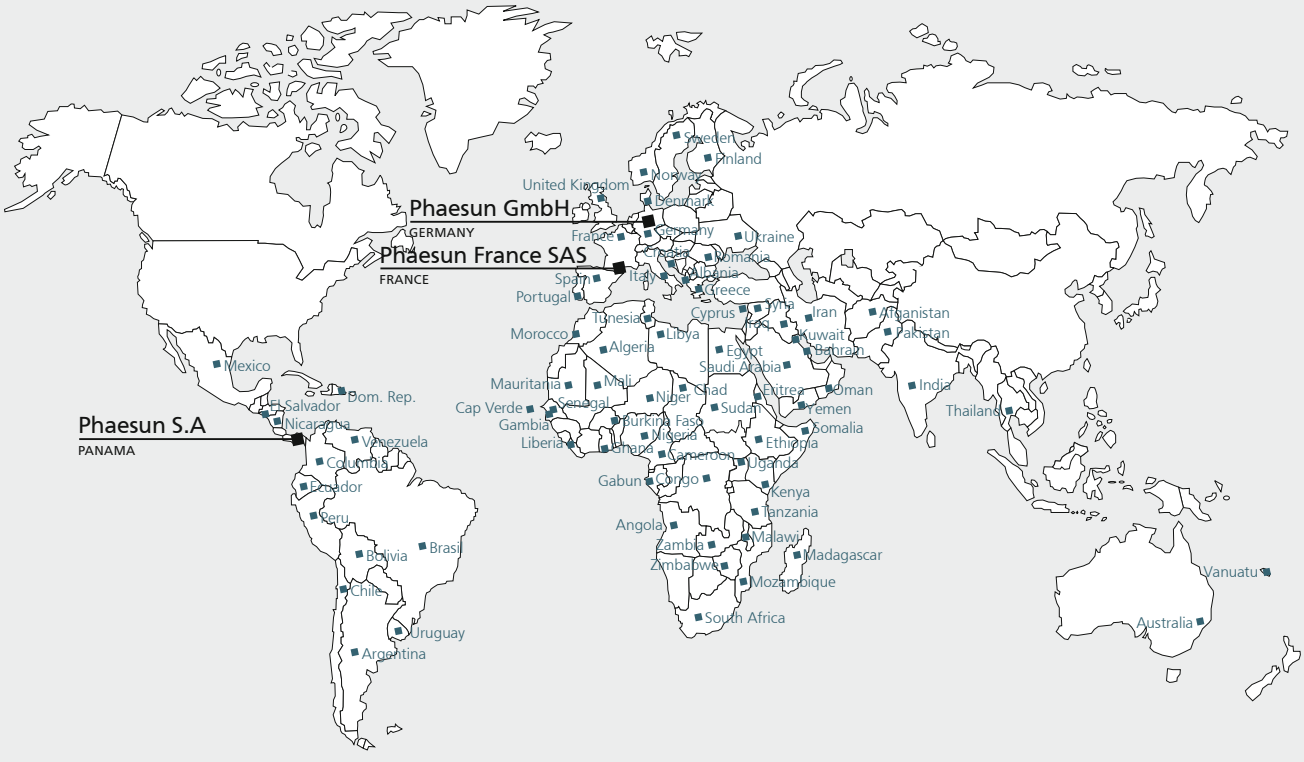
Year	Location	Customer	Description of the project	kWp
2010	Libya	Waha Oil Corporation	18 systems for cathodic protection	300.0
2010	U.A.E.	Emdad	Cathodic protection system	6.0
2011	Algeria	Aibel	In Amenas project (4 sites)	21.6
2011	Algeria	Efacec	Training for technicians	–
2011	India	Chemtrols Solar	Components for offshore platform	7.9
2012	Algeria	Aibel	30 solar generators 4810 Wp, 24 Vdc, 4400 Ah C120 NiCad for Sonatrach	144.3
2012	Nigeria	AO Demarg	1 solar generator 9360 Wp, 48 V for MTN	9.3
2012	U.A.E.	Silvertech	4 solar generators 360 Wp	0.4
2012	Bahrain	Al Moayyed	2 solar generators 360 Wp for Hazardous area Eex	0.4
2012	Qatar	Galfar	1 solar power generator 2 x 1600 Wp, 2 x 1696 Ah for Hazardous area Eex	3.2
2013	U.A.E.	Zadco	9 Solar Power Systems for Wellheads 320 WP, 24 V	2.9
2013	U.A.E.	Silvertech	1 Stand alone PV system 400 Wp, 185 Ah C100, 24 VDC	0.4
2013	Qatar	Honeywell	23 solar systems 160 Wp, 24 V for hazardous area zone2 Eex	3.7
2013	U.A.E.	Hockway	4 solar power system 6750 Wp, 24 V 4 for CP unit	27.0
2014	U.A.E.	Emdad LLC	20 Cathodic protection sites	50.0
2014	U.A.E.	Emdad LLC	Battery bank rehabilitation, 30 battery sets	51000 Ah
2014	Algeria	Petrofac Sharjah	8 wellhead systems	55.4
2014	U.A.E.	Emdad LLC	20 wellhead CP systems	47.0
2014	U.A.E.	Emdad LLC	13 sites for GASCO rehabilitation	60.0
2014	U.A.E.	ALSA Engineering	NGI project, 1 site	5.0
2014	Algeria	Antideflagrant Service	6 sites Skid project	16.6
2014	U.A.E.	Alsa Engineering	Well head power system	5.04
2015	U.A.E.	Emdad LLC for ADCO	27 solar power systems for CP applications	82.2
2015	Oman	Oman Gas	Training Course	
2015	U.A.E.	Galfar	Well head power system	6.0
2015	Bahrain	Al Moayyed	Gas flow computer power in hazardous zone	0.16
2015	U.A.E.	Tagstone	Power system for off-shore island	3.6
2016	U.A.E	ROBSTONE	3 Complete solar system, 24V, 972Ah C72 sealed VRLA gel battery bank for 3 days autonomy to power specified load 24/7/365	1.8
2016	U.A.E	CTS	1 Solar System 40AMP-12V-(480W) Double Well, 1704Ah,C48, 1.8PC, 24VDC	4.65
2016	U.A.E	Emdad	9 Solar System 40AMP-12V-(480W) Double Well, 1704Ah, C48, 1.8PC, 24VDC	4.65
2016	U.A.E	Emdad	40 Solar System 20AMP-12V-(240W) Single Well, 1704Ah, C48, 1.8PC, 24VDC	2.48
2016	U.A.E	CTS	12 Solar System 40AMP-12V-(480W) Double Well, 1704Ah ,C48, 1.8PC, 24VDC	4.65
2016	U.A.E	CTS	14 Solar System 20AMP-12V-(240W) Single Well 1704AH, C48, 1.8PC, 24VDC	2.48

Year	Location	Customer	Description of the project	kWp
2016	Oman	Isolution	2 Solar System, 15984Ah VRLA AGM battery bank for 5 days autonomy to power 2000 Wp load 24/7/365	17.4
2016	Irak	Honeywell	1 Complete solar power system, 130Ah sealed VRLA gel battery bank 24VDC for 4 days autonomy to power 22W flow meter 24/7/365	0.3
2016	U.A.E	Emdad LLC	5 Solar System 20AMP-12V-(240W) Single Well, 1704AH, C48, 1.8PC, 24VDC	2.48
2016	Oman	Isoutions	2 sites for instrumentation on BP Jacobs Sites	18
2017	Algerie	SCET Energies	4 sites for well head SONATRACH	8
2017	Fortune	FORTUNE Engineering	57 solar system for ADNOC On Shore-Project	910
2017	Kazaksthan	Honeywell	Flow meter system	0.4
2017	Bahrein	JGC Corporation	Instrumentation for 2 sites for Bahrein National Gas Expansion Company	4
2017	Abu Dhabi	Emdad LLC	97 single Wells and 10 dual wells sites for CP Well Head ADNOC On Shore Project	322
2017	Abu Dhabi	CTS	37 single Wells for CP Well Head ADNOC On Shore Project	100
2018	Algeria	Smarton	RGZ 2/3 project 7 Complete solar power system 7200Wp, 1065Ah NiCad battery bank 48VDC for 5 days autonomy	50,4
2018	Algeria	SCET	GR 5 Project 10 solar power system 1500 to 2400Wp, 553 to 907 Ah Nicad battery bank 24VDC To power Postes de Sectionnement 24/7/365	20
2018	Algeria	ENIE	GR 6 project 6 solar power system 3600Wp, 1224Ah NiCd battery bank 24VDC 460,5 W Poste de Sectionnement 24/7/365 and one solar system 5400 Wp, 1428 AH 24 VDC NiCad Battery Bank to power 448W for Cathodic Protection	27
2018	Algeria	Milton Roy Europe	21 Complete solar power system 2700Wp, 850Ah sealed VRLA gel battery bank 24VDC for 4 days autonomy to power 106 W Corrosion inhibitor pump 24/7/365	56,7
2018	Algeria	Milton Roy Europe	40 Complete solar power system 1240Wp, 400Ah sealed VRLA gel battery bank 24VDC for 4 days autonomy to power 106 W Corrosion inhibitor pump 24/7/365	49,6
2018	UAE	CTS	2 double well (480W) 4650WP,1704AH,C48, 24VDC + 14 single well solar CP systems (240W) 2480WP,833AH,C48, 24VDC, VRLA battery banks 2 day autonomy	44
2018	Algeria	Smarton	RGZ 2/3 project 7 Complete solar power system 7200Wp, 1065Ah NiCad battery bank 48VDC for 5 days autonomy	
2019	UAE	CTS	2 dual well (480W) 4650WP,1704AH,C48, 24VDC + 28 single well solar CP systems (240W) 2480WP,833AH,C48, 24VDC VRLA battery banks 2 day autonomy	79,36
2019	UAE	Emdad	4 dual well (480W) 4650WP,1704AH,C48, 24VDC + 39 single well solar CP systems (240W) 2480WP,833AH,C48, 24VDC VRLA battery banks 2 day autonomy	116,56
2019	Oman	Intertec/Saipem	Solar power system for Passive Cooled Shelter. 21960 Wp, 24VDC 30096Ah sealed VRLA deep cycle battery bank for 5 day autonomy to power 3.34kW load. MPPT charge controller	21,96
2019	Algeria	Petrofac	41 sites for loads ranging from 445W to 1750W. Solar arrays 5610Wp to 21780Wp. NiCd battery banks from 3014Ah to 11852Ah. 5 day autonomy	525
2019	Algeria	Yokogawa	46 sites each 650Wp, 24V 373Ah sealed VRLA batteries for 46W load + 1 site 1625Wp, 24V 1123Ah sealed VRLA batteries for 125W load. 5 days autonomy	73,2
2019	Algeria	SMARTON	Algeria BRN MLE Gas Pipeline, 8 sites : 17160 Wp, 5343Ah C120, 48V ; 8250Wcp 5232Ah C120, 24V and 11220Wp, 7188Ah C120, 24V NiCad Batteries	
2019	Algeria	ENIE	Retrofit 50 Wells - Energy Management pack for sites each 2080 Wp/ 1650Ah OPZs Batteries, 24V	
2019	Algeria	KBR	Retrofif SAFT SUN+ 1115 [311003071] SAFT NiCd Battery - 150 ea.	
2019	Algeria	Steffels KKS	Southern Fields Development Project- Cathodic Protection Controllers 10A	
2019	Algeria	GENAD	ROB1 Project - 2 sites for Cathodic Protection Controllers 25A -	79,36

Note: Reference list up to 31 December 2019

Around the world:

Through the members of the Phaesun Group and our network of associated companies we have successfully supplied and managed hundreds of sustainable energy projects in more than 60 countries worldwide.



Phaesun's range of integrated services includes complete customized Off-Grid systems in the field of rural electrification, health care, telecommunications, education and water supply. We also have an extensive range of pre-configured kits.

When designing our solar systems we always focus on ease of installation, minimal maintenance and long operating life. Systems are designed around readily available components, energy efficient loads, appliances and equipment. Local sourcing is our priority whenever it is possible.

- Countries in which Phaesun has successfully realised projects
- Phaesun and associated companies

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