



The
Solar
World Stain

solarws.com

ABOUT US

The Solar World Stain is a Spanish business group based in Tokyo, Madrid and Albacete that develops, builds and operates photovoltaic solar energy projects in several countries.

The group started in May 2012. The shareholders are companies with extensive experience in the renewable energy sector as developers, builders, sponsors, owners and operators of wind facilities, solar photovoltaic plants and the management team has over 20 years of experience in the energy sector.

Our company has grown significantly since its foundation, developing a portfolio of 950 MW projects, performing maintenance on important photovoltaic plants and public and private installations, public lighting installations, thermographs, IV curves, photovoltaic self-consumption installations, execution of low-voltage lines and high voltage, both underground and overhead.

OUR GOAL

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The main goal of Solar World Stain is to offer our customers a high quality service.

Solar World is a company committed to our environment, we focus all our work on site and in the office to reduce the carbon footprint generated. We have as a priority respect for our environment.

We work in a daily basis to increase our business volume in a responsible and proactive way, opening new national and international markets, developing a portfolio of projects in various countries.



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OUR DEPARTAMENTS

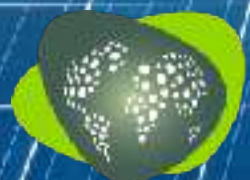
CONSTRUCTION

Construction of photovoltaic projects:

Solar World Stain builds solar energy projects, counting with the necessary human resources, thanks to our specialized staff with extensive experience in executing installations. We also have our own mechanical means, with screwdrivers for direct driving of profiles, drilling, assembly of metal structures and photovoltaic modules..

Construction of civil works, trenches, fencing, foundations, accesses, as well as the electrical installation, laying and connection of DC, AC and MV cables. Including all necessary tests, mechanical and electrical ones: pull tests, I-V curves, thermographs, cable loops, ground tests.

We carry out the complete construction of the installation to deliver to the customer a fully tested installation ready to operate.



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OUR DEPARTAMENTS

WORKS

Execution of high and low voltage electrical installations.

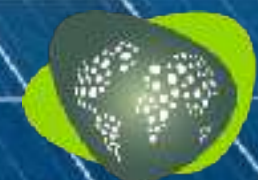
Self-consumption facilities.

Solar World Stain has a department of personnel and technicians specialized in the study, planning, management and execution of LV and HV electrical installations. SWS also has a number of collaborating companies to offer our customers an end-to-end service.

Solar World Stain is a dynamic company capable of adapting to specific customer needs due to the wide range of activities we perform.

Main activities that we perform:

- Low Voltage Installations in homes, premises, garages, offices....
- Assembly and installation of general distribution panels, secondary panels
- Outdoor, indoor or compact Transformation Centers
- High and Medium Voltage Overhead and Underground Lines
- Grounding Installations
- Public Lighting Systems
- Location and repair of electrical installations.
- Installation of PV panels, inverters, batteries, capacitors, etc.



OUR DEPARTAMENTS

MAINTENANCE

High and low voltage, preventive and corrective installations.

Thermography.

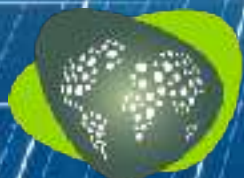
I-V Curves

SWS offers the performance of routine inspections, tests and services to electrical equipment through preventive and corrective maintenance. Also be able to detect, reduce or eliminate imminent problems in such equipment.

At Solar World Stain we have extensive experience in Thermography and thermal imaging cameras. In addition to study Solar Photovoltaic Plants and Electrical Installations. For the improvement of the Energy Efficiency, having Thermography and last generation thermographic cameras of high resolution 160x120pxl. Being suitable for use in industrial and construction field. Therefore, allowing us to carry out energy certifications.

We can perform advanced analysis including points, lines, areas and isotherm on each image. Also the detection of electrical problems, control of mechanical parts, analysis of hydraulic systems, forced ventilation, etc ...

We make I-V analysis curves in photovoltaic installations verifications. We have the necessary multifunction measuring instruments to carry out the verification of the installation, checking its correct operation and measuring its efficiency, comparing the data obtained with the nominal data of the installation.



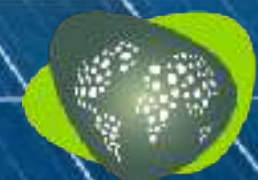
NUESTROS DEPARTAMENTOS

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ENGINEERING

**Facilities management, development and commissioning.
Engineering and Consulting.**

Carrying out a study, analysis and advice for the development and start-up of each project, elaborating all the documentation such as, Reports, Quality, Regulations, Records, Request management ...



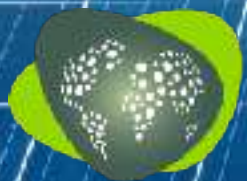
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NUESTROS DEPARTAMENTOS

IBERDROLA CUSTOMER SERVICES

**Assistance and management of electrical supplies and portfolio management.
Iberdrola Customer Service Point.**

Solar World Stain has signed a collaboration contract with Iberdrola, providing personalized service to individuals and companies at our Customer Service offices. We manage electricity and gas supplies for homes and SMEs, registrations and file management with the distributor. Optimization of supplies and savings solutions for our clients.



FEATURED PROJECTS

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ESTRELLA DE LEVANTE, MURCIA, ESPAÑA

NOMINAL POWER INSTALLED
250 kW



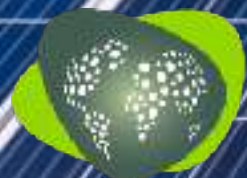
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FEATURED PROJECTS



PV EUDER, CÁCERES, ESPAÑA

NOMINAL POWER INSTALLED
126 kW

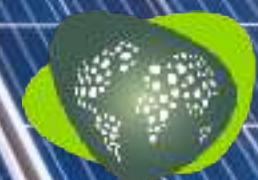


FEATURED PROJECTS



PV BONETE I,II Y III, ALBACETE, ESPAÑA

NOMINAL POWER INSTALLED
146 kW



FEATURED PROJECTS



PV VIETNAM

NOMINAL POWER INSTALLED
44 MW

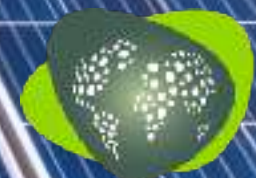


FEATURED PROJECTS



PV CAMPARIO, ALBACETE, ESPAÑA

NOMINAL POWER INSTALLED
40 MW

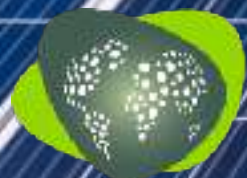


FEATURED PROJECTS



PV TORRES COTILLAS, MURCIA, ESPAÑA

NOMINAL POWER INSTALLED
6,16 MW



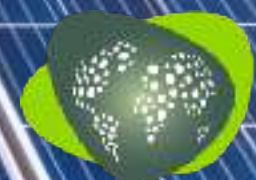
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FEATURED PROJECTS



ACOMETIDA CHINCHILLA, ALBACETE, ESPAÑA

UNDERGROUND LINE
20KV

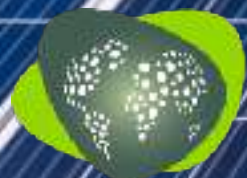


FEATURED PROJECTS



PV ANDREZIEUX, FRANCIA

NOMINAL POWER INSTALLED
3 MW



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TRACK RECORD

AÑO	PLANTA	POTENCIA (MW)	PAÍS	TIPO DE ACTIVIDAD	TIPO DE INSTALACIÓN
2020	MEC PV EL BONAL	21,66	SPAIN	MECHANICAL WORKS	GROUND
2020	PV PICON I, PICON II y PICON III	150	SPAIN	MECHANICAL WORKS	GROUND
2020	MEL PSF SOUTERRAINE	3	FRANCE	ELECTRICAL WORKS	GROUND
2020	PV LA CABRA SEVILLA	50	SPAIN	ELECTRICAL WORKS+CIVIL WORKS	GROUND
2019	PV ZAFRA SEVILLA 1 AXIS TRACKER	50	SPAIN	MECHANICAL WORKS	GROUND
2019	PV BONETE II, BONETE III, BONETE IV ALBACETE	146	SPAIN	ELECTRICAL WORKS +CIVIL WORKS	GROUND
2019	PV INGENOSTRUM CÁCERES 1 AXIS TRACKER	126	SPAIN	MECHANICAL WORKS+ELECTRICAL WORKS	GROUND
2019	DETAILED ENGINEERING PV TENA I	50	SPAIN	ENGINEERING	GROUND
2019	PV CAMPANARIO ALBACETE 1 AXIS TRACKER	40	SPAIN	ELECTRICAL WORKS	GROUND
2019	PV LOMÉ 3 MW	3	TOGO	PROJECT MANAGEMENT	ROOFTOP
2019	PV ALMERIA 1MW 1 AXIS TRACKER	1	SPAIN	MECHANICAL WORKS+ELECTRICAL WORKS	GROUND
2019	PV LA FERNANDINA BADAJOZ	20	SPAIN	MECHANICAL WORKS	GROUND
2019	PV CARMONA SEVILLA 1 AXIS TRACKER	50	SPAIN	MECHANICAL WORKS	GROUND
2019	PULL OUT TEST TOLEDO	5	SPAIN	MECHANICAL WORKS	GROUND
2019	PV GUILLENA - PV MODULES ASSEMBLY FIXED STRUCTURE	18,5	SPAIN	MECHANICAL WORKS	GROUND
2019	PV ANDREZIEUX FRANCE	3	FRANCE	ELECTRICAL WORKS	GROUND
2019	PV TCO2 TORRES DE COTILLAS	6,16	SPAIN	MECHANICAL WORKS	GROUND
2019	PV EUDER	126	SPAIN	ELECTRICAL WORKS +CIVIL WORKS	GROUND
2018	AICHI CHITA	0,45	JAPAN	EPC	GROUND
2018	IBARAKI EBISAWA	0,75	JAPAN	EPC	GROUND
2018	YAMAGARA YONEZAWA	2,4	JAPAN	EPC	GROUND
2018	KUMAMOTO YAMATO	1,5	JAPAN	EPC	GROUND
2018	ALCACER NORTE 1 -Valencia	0,10395	SPAIN	EPCM	ROOFTOP
2018	ALCACER SUR 1 -Valencia	0,10395	SPAIN	EPCM	ROOFTOP
2018	ALCACER 2 -Valencia	0,11088	SPAIN	EPCM	ROOFTOP



TRACK RECORD

AÑO	PLANTA	POTENCIA (MW)	PAÍS	TIPO DE ACTIVIDAD	TIPO DE INSTALACIÓN
2017	KUMAMOTO MASHIKI	47,6	JAPAN	MECHANICAL WORKS	GROUND
2017	IBARAKI HOKOTA	21,5	JAPAN	MECHANICAL WORKS	GROUND
2017	HIROSHIMA AKITAKATA	0,72	JAPAN	EPC	GROUND
2017	CHICHIBU MINANO 3	0,34	JAPAN	EPC	GROUND
2017	YAMAGARA PARKING	2,4	JAPAN	EPC	GROUND
2017	SAITAMA HIKI YOSHIMI	1,75	JAPAN	EPC	GROUND
2017	IBARAKI ISHIOKA	1,75	JAPAN	EPC	GROUND
2017	AOMORI MISAWA	1,37	JAPAN	EPC	GROUND
2016	SAITAMA SHIROISHI	1,38	JAPAN	EPC	GROUND
2016	SHIZUOKA TASHIRO	1,44	JAPAN	EPC	GROUND
2016	AOMORI MISAWA	10,3	JAPAN	EPC	GROUND
2016	KOBA	2,2	JAPAN	EPC	GROUND
2016	TOYAMA	1,8	JAPAN	EPC	GROUND
2016	GIFU NAKARSUGAWA	0,6	JAPAN	EPC	GROUND
2016	IBARAKI HOKOTA	0,39	JAPAN	EPC	GROUND
2016	CHICHIBU MINANO 2	0,36	JAPAN	EPC	GROUND
2016	KOGA NAKADA	0,42	JAPAN	EPC	GROUND
2016	NOBEYAMA	1	JAPAN	EPC	GROUND
2015	TOMIGAOKA	2,2	JAPAN	EPC	GROUND
2015	TSUKUBA STONE	2,2	JAPAN	EPC	GROUND
2015	TSUKUBA HOLE	2,2	JAPAN	EPC	GROUND
2015	FUKORODA	32	JAPAN	EPC	GROUND
2015	SAKURAGAWA	1,61	JAPAN	EPC	GROUND
2015	TAKAHAGI	12,4	JAPAN	EPC	GROUND
2014	TSUKUBA MIRAI	2,25	JAPAN	EPC	GROUND



CERTIFICATES

- Certificate of company Enabled in Low Voltage category Specialist.
- Certificate of High Voltage Enabled Company categories AT1 and LAT1.
- Certifications for Occupational Health and Safety, Quality and Environment Management systems according to UNE-EN ISO 45001: 2018, UNE-EN 9001: 2015, UNE-EN ISO 14001: 2015
- REPRO Supplier Registration Certificate, the largest online supplier registration and pre-qualification community for the utilities, energy, water and gas sector in Spain, Portugal and Italy.
- Solar World Stain is registered in the Official Registry of Bidders and Classified Companies of the State (ROLECE).



OUR CLIENTS



ferrovial

P*WEN



voltalia



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CONTACT

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SEDE MÉXICO

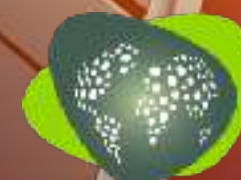
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