

Solar Glossary

Solar Term	Definition
AGM (Adsorbed Glass Mat)	Type of battery construction which uses saturated adsorbant glass mats instead of liquid or gelled electrolyte; typically more reliable compared to flooded (liquid), but also more expensive.
Alternating current (AC)	An electrical current that continually reverses direction of flow; powers electronic devices or appliances in your home.
Alternator	A device for producing alternating current electricity.
Amorphous silicon	A thin-film solar PV cell material with a glassy structure instead of crystalline structure.
Ampere (A) or amp	Unit of electric current; flow of electrons.
Array	A number of solar modules connected together in a single structure.
Array current	Electrical current output of a PV array when exposed to sunlight.
Battery	System in which stored chemical energy is converted directly into electrical energy.
Battery capacity	The total number of ampere-hours (Ah) that a fully charged battery can output.
Battery cell	Individual unit of a battery that can store electrical energy; capable of furnishing a current to an external load.
Battery charger	Device used to charge a battery by converting AC voltage to DC voltage.
Battery cycle life	The number of times a battery can undergo a cycle of discharge and recharge before failing.
Battery self-discharge	Energy loss by a battery that is not under load.
Capacity	Maximum volume (of c-Si or TF cells) that could be produced at a given time.
Cell	Basic unit of a PV module or battery; contains electrodes and electrolyte in a battery, to produce electricity.

Cell efficiency	Ratio of electrical energy produced by a photovoltaic cell (under full sun conditions) to the energy from sunlight falling upon the photovoltaic cell.
Charge	Process of inputting electrical energy to a battery.
Charge controller	A component that controls the flow of current to and from the battery subsystem to protect it from overcharge and over discharge; necessary to guarantee that the battery gets maximum state of charge and longest life; may also monitor system performance and provide system protection; also called regulators.
Charge rate	Measure of current used to charge a battery as a proportion of its capacity.
Crystalline silicon	Type of PV cell material made from a single crystal or polycrystalline ingot of silicon.
Current	Flow of electric charge in a conductor between two points having a difference in electrical potential (voltage) and is measured in Amps.
Deep cycle battery	Battery designed to regularly discharge 80% of its capacity before recharging.
Direct radiation	Light that has traveled in a straight path from the sun (also referred to as beam radiation). An object in the path of direct radiation casts a shadow on a clear day.
Discharge	Withdrawal of electrical energy from a battery.
Distributor	A wholesaler of PV products.
Efficiency	The ratio of output power or energy to input power or energy, expressed as a percentage.
Electric current	The flow of electrons measured in Amps.
Electrical grid	A network for electricity distribution across a large area.
Electricity	The movement of electrons (a sub-atomic particle), produced by a voltage, through a conductor.
Electrode	An electrically conductive material forming part of an electrical device. Often used to lead current into or out of a liquid or gas. In a battery, the electrodes are also known as plates.

Energy	Power consumed multiplied by the duration of use. For example, 1000 Watts used for four hours is 4000 Watt hours.
Energy density	The ratio of the energy available from an energy storage device such as a battery to its volume (Wh/m ³) or weight (Wh/kg).
Fixed tilt array	A solar PV array set at a fixed angle to the horizontal.
Flooded cell battery	A form of rechargeable battery in which the plates are completely immersed in a liquid electrolyte. Most cars use flooded cell batteries. Flooded cell batteries are the most commonly used type for independent and remote area power supplies.
Gel-type battery	Lead-acid battery in which the electrolyte is immobilized in a gel. Usually used for mobile installations and when batteries will be subject to high levels of shock or vibration.
Generator	A mechanical device used to produce DC electricity. Power is produced by coils of wire passing through magnetic fields inside the generator. Most alternating current generating sets are also referred to as generators.
Grid	An electrical utility distribution network.
Grid-connected	An energy producing system connected to the utility transmission grid. Also called Grid-tied.
High voltage disconnect	Voltage at which the charge controller will disconnect the array to prevent overcharging the batteries.
Incentive programs	Incentive program the project is entitled to.
Install date	Refers to manufacturing equipment installation timing for a fab or a fab phase.
Installer	Markets and customizes PV systems for installation.
Inverter	An inverter converts DC power from the PV array/battery to AC power. Used either for stand-alone systems or grid-connected systems.
Irradiance	The solar power incident on a surface, usually expressed in kilowatts per square meter. Irradiance multiplied by time gives insolation.

Kilowatt(kW)	A unit of electrical power equal to 1000 Watts.
Kilowatt-hour (kWh)	A unit that describes the amount of energy that derives from a power of 1000 Watts acting over a period of 1 hour. 1 kWh equals 3600 kJ.
kWh Output	Estimated first year kilowatt hour output of the PV system. Often the output on which the PPA price is paid.
Liquid electrolyte battery	A battery containing a liquid solution of an electrolyte in a solvent (e.g. sulfuric acid in water). Also called a flooded battery because the plates are covered with the electrolyte solution.
Maintenance free battery	A sealed battery to which water cannot be added to maintain the level of the
Maximum power point tracker (MPPT)	A power conditioning unit that automatically operates the PV generator at its MPP under all conditions. An MPPT will typically increase power delivered to the system by 10% to 40%, depending on climate conditions and battery state of charge.
Megawatt (MW)	A measurement of power equal to one million Watts.
Megawatt-hour (MWh)	A measurement of power with respect to time (i.e. energy). One megawatt-hour is equal to one megawatt being used for a period of one hour, or one kilowatt being used for 1000 hours.
Module supplier	Suppliers of modules.
Module type	Type of modules – c-Si:multi/mono; TF:a-Si/CdTe/CIGS; CPV.
Monocrystalline solar cell	A form of solar cell made from a thin slice of a single large crystal of silicon.
Multicrystalline	A material that has solidified at a rate such that many small crystals (crystallites) form. The atoms within a single crystallite are symmetrically arranged with a particular orientation, whereas the crystallites themselves are differently oriented. The multitude of grain boundaries in the material (between the crystallites) reduce the cell efficiency. Multicrystalline is also referred to as polycrystalline.
MW	Megawatts.

Off-grid applications	use independent, or stand-alone, power generation systems, normally with a form of storage such as batteries, to provide a continuous power capability. They include rural applications where the system may power lighting, TV and radio, and industrial applications such as telecommunications, navigation aids and cathodic protection systems.
On-grid applications	Application characterized by connection of the PV system to the main electricity supply such that excess energy generated by the system can be exported to the grid, and electricity can be drawn from the grid in times of a shortfall in PV output, or to meet high daytime loads.
Overcharge	Applying current to a fully charged battery, which can damage the battery.
Panel	Used interchangeably with “module”.
Parallel connected	A method of connection in which positive terminals are connected together and negative terminals are connected together. Current output adds and voltage remains the same.
Peak sun hours	The equivalent number of hours per day when solar irradiance averages 1000 W/m ² .
Photovoltaic (PV)	Any device which produces free electrons when exposed to light.
Photovoltaic (PV) array	A number of PV modules connected together in a single structure.
Photovoltaic (PV) cell	The smallest discrete element in a PV module that performs the conversion of light into electrical energy to produce a DC current and voltage.
Photovoltaic (PV) module	A single assembly of solar cells and ancillary parts, such as interconnections, terminals, (and protective devices such as diodes) intended to generate DC power under un-concentrated sunlight. The structural (load carrying) member of a module can either be the top layer (superstrate) or the back layer (substrate). [UL 1703]
Photovoltaic (PV) panel	Term often used interchangeably with PV module (especially in single module systems).
Photovoltaic cell	The semiconductor device that converts solar irradiance (light) into DC electricity.

Polycrystalline cell	A wafer of silicon with a multi-grained structure. All grains have the same atomic crystal lattice, however, each grain has a unique orientation in space thereby producing a unique reflection of light.
Polycrystalline silicon	A material used to make solar PV cells which consists of many crystals, compared to single crystal silicon.
Power	The rate of doing work. Expressed as Watts (W). For example, a generator rated at 800 watts can provide that amount of power continuously. 1 Watt = 1 joule/sec.
PV	Abbreviation for photovoltaics.
PV array	Two or more photovoltaic panels wired in series and or parallel.
PV components	The individual parts of a PV system. Includes batteries, inverters, regulators, wiring.
PV system	All the parts in combination required to generate solar electricity.
Renewable energy	Energy that is produced from a renewable source.
Series connected	A method of connection in which the positive terminal of one device is connected to the negative terminal of another. The voltages add and the current is limited to the least of any device in the string.
Silicon (Si)	A chemical element with atomic number 14, a dark gray semi-metal. Occurs in a wide range of silicate minerals and makes up approximately 28% of the earth's crust (by weight). Silicon has a face-centered cubic lattice structure like diamond. The most common semiconductor material used in making PV cells either traditionally in its crystalline form or more recently as an amorphous thin film.
Solar energy	Energy from the sun.
Solar module	A device used to convert light from the sun directly into DC electricity by using the photovoltaic effect. Usually made of multiple solar cells bonded between glass and a backing material. A typical solar module has 100 Watts of power output (but module powers can range from 1 Watt to 300 Watts) and dimensions of 2 feet by 4 feet.

Solar power	Electricity generated by conversion of sunlight, either directly through the use of photovoltaic panels, or indirectly through solar-thermal processes.
Stand-alone (PV system)	A solar PV system that operates without connection to a grid supplying electricity.
Storage	Storing energy in a battery or battery stack. In water pumping, storage can be achieved by pumping water to a storage tank.
Storage density	The capacity of a battery, in amp-hours compared to its weight. Measured in Watt-hours per kilogram.
Thin film	A layer of semiconductor material, a few microns or less in thickness, used to make photovoltaic cells. Examples are copper indium diselenide, cadmium telluride, gallium arsenide, and amorphous silicon.
Tracker	Any device used to direct a PV array towards the sun.
Tracking array	A PV array that is moved to follow the path of the sun in order to maintain the maximum incident solar radiation on its surface. The two most common methods are single-axis tracking in which the array tracks the sun from east to west, and two-axis tracking in which the array points directly at the sun all the time. Two-axis tracking arrays capture the maximum possible daily energy. Typically, a single axis tracker will give 15% to 25% more power per day, and dual axis tracking will add a further 5%.
Utility-interactive inverter	An inverter that can operate only when connected to the utility grid supply and an output voltage frequency fully synchronized with the utility power.
Volt	The unit of electric potential and potential difference. The amount of work done per unit charge in moving a charge from one place to another. The potential difference across a resistance of 1 Ohm when a current of 1 Amp is flowing.
Voltage	Unit of measurement for the electrical pressure of electricity. Measured in Volts (V).
Voltage drop	The voltage lost along a length of wire or conductor due to the resistance of that conductor. Also applies to resistors. The voltage drop is calculated by using Ohm's Law.

Voltage regulator	A device that controls the operating voltage of a photovoltaic array.
Watt (W)	The unit of electrical power commonly used to define the electricity consumption of an appliance. The power developed when a current of one ampere flows through a potential difference of one volt; 1/746 of a horsepower. 1 Watt = 1 Joule.
Watt hour (Wh)	A unit of energy equal to one Watt of power being used for one hour.
Watt/kilowatt/megawatt/gigawatt	Units of electrical power (that is, the rate at which electrical energy is generated) increasing in scale by a factor of 1000.

Registered PV Service Providers (RPVSP)

RPVSP is a Registered PV Service Providers (RPVSP) companies which includes services such as consultations, designing, supplying, installation and testing & commissioning of a complete solar PV system.



810POWER SDN. BRD.
ACO ECO SDN BBD
ADL SOLAR SDN. BRD.
AI SOLAR SDN BBD
AMLED SOLAR SDN BHD
AMPTECH SDN BBD
AMSOLAR SDN BBD
ANJUNG MERIAH SDN BHD
ARAS KEJIRI JTERAAN SDN. BRD.
ARMANI ENERGY SDN BBD
ARMANI SINAR SDN. BRD.
ARI-JS SPEKTRIJM SDN BBD
ASIA GREEN SOLAR SDN BHD
ASSIGN SOLAR NEW ENERGY SDN BBD
BARYSOL MALAYSIA SDN. BRD.
BAYWA RE ENERGY SOLUTIONS SDN BBD
BEAULET ARCA MALAYSIA SDN. BRD.
BIPOWER SDN BHD
BOND M & E SDN. BRD.
BRILLIANT SOLAR SDN BHD
BSL ECO ENERGY SDN BHD
CBH ENGINEERING SDN BHD
CMC ENGINEERING SDN BBD
COARA SOLAR SDN BBD
CUTECH SOLUTIONS MALAYSIA SDN BHD
DAWN BREEZE SDN BBD
DE SKYLIGHT ROOFING SDN BHD
DE-KAD ALIRAN SDN BBD
DITROLIC SDN BBD
DJR POWER SDN. BRD.
DYNAMIC ENERGYTECH SDN BHD
EASTERN SOLAR TECHNOLOGY SDN. BRD.
ECO SOLAR SOLUTIONS SDN BBD
ECODWELL VENTURES SDN BHD
ECOGENERATION BE-RHAD
EFS REVISION ENERGY SDN BHD
EI POWER TECHNOLOGIES SDN BHD
ELEAPS SDN BHD
ELECTRICA TECHNOLOGY SDN BBD
ELECTRON HARVEST SDN. BRD.
EMPADA SDN BBD
ENERGY POSSIBLE SDN. BRD.
ENSOLAR SDN BBD
EPE ENERGY SDN. BRD.
ERS ENERGY SDN BHD

ETD MAKMI JR (M) SDN BBD
EV CONNECTION SDN BHD
EXO SYNERGY SDN BBD
FABULOUS SI JNVIEW SDN BBD
FACC ENGINEERING SDN BHD
FNM ENGINEERING ENTERPRISE
FOUNDER ENERGY SDN BBD
FYF ENGINEERING SDN BBD
G ENVIRONMENT ENERGY SOLUTIONS SDN BBD
GADING KENCANA SDN. BRD.
GENIUS WISDOM SDN BHD
GMC- GRE-ENTE-CH SDN BBD
GN TECH ENERGY SDN BHD
GREEN ENERGY GENERATION SDN BBD
GREEN INNOTECH SDN BHD
GREEN MAGNITUDE SDN BHD
GREEN XPERTS SDN BBD
GRE-ENERGY HARVEST SDN BBD
GRIT SOLAR SDN BBD
GT SOLAR SDN. BRD.
HASILWAN (M) SDN BHD
HIGH SUMMER SYSTEMS SDN BBD
HYBRIO MARKETING SDN BHD
12 ENERGY SDN BBD
IL SOLAR SDN BBD
IMPAC ENERGY SDN BBD
IMPI SOLUTION SDN BBD
INNOTECH SYNERGY SDN BHD
INTELLIGENT POWER SYSTEM TECHNOLOGY SDN BHD
ITRAMAS RE SERVICES SDN BBD
JASE SOLAR SDN. BRD.
JS SOLAR SDN BHD
JYD GRE-ENERGY SDN. BRD.
KAB SMART SOLAR ENERGY SDN. BRD.
KAC ENERGY SDN BBD
KARA POWER ENGINEERING SDN BHD
KEJURIJTERAAN CAHAYA ABADI SDN BBD
KEMUNING STRUCTURES SDN BBD
KPOWER ENGINEERING SDN. BBD
KYUDENKO MALAYSIA SDN. BRD.
LEMBAH SETA SDN BBD
LEOPAD RENEWABLE ENERGY SDN BBD
LESTARI ENERGY SDN. BRD.
LEVERAGEDGE SDN BBD
LI JKRIJM (M) SDN BBD
MAJUYAYA ENERGY SDN BBD
MAQO ENGINEERING SDN BHD
MATRIX COOLING MAJU SDN BHD
MAT TAN ENGINEERING SDN BHD
MAX BELL SDN. BRD.
MECHANICS SYNERGY SDN. BRD.
MESTRON ENERGY SDN BBD
MET TA ENGINEERING SDN. BRD.

MH TECHNOLOGY MALAYSIA SDN BBD
MICRO ENERGY HOLDINGS (M) SDN BBD
MIE INDUSTRIAL SDN BHD
MILIEU SOLAR SDN BBD
MNA RESEARCH SDN BBD
MSR PROJECTS SDN BHD
NCC ENERGY SDN BBD
NESTCON SOLAR SDN BBD
NEUTRINOS ENGINEERING SDN BBD
NEUTRON LETRIK SDN BBD
NEXT ENERGY SDN. BRD.
NORTHERN SOLAR SDN. BRD.
OCEAN VANTAGE ENGINEERING SDN BHD
PAN RENEWABLE ENERGY SDN BBD
PANASONIC MALAYSIA SDN BBD
PANTAI SELAMAT ENERGY SDN. BRD.
PATHGREEN ENERGY SDN BHD
PE-KAT SOLAR SDN BBD
PENGUIN ENERGY SDN. BRD.
PENSOLAR SDN. BRD.
PESTECH SDN. BRD.
PHOENIX GREEN ENERGY SDN BHD
PHOTOVOLTAIC FOUNDRY (M) SDN. BRD.
PLUS XENERGY MICRO SDN BHD
PLUS XENERGY SERVICES SDN BHD
POLYSAGE ENGINEERING SDN BBD
POWERTRACK SDN BBD
PPK TECHNOLOGY SDN BBD
PRINCIPAL ENGINEERING SDN BBD
PROGRESSTIJRE POWER SDN BBD
PRONE-T ENTERPRISE
PROSIGNAL ENGINEERING SDN BBD
PV HI TECH SOLAR SDN BBD
QUANTUM RENEWABLE ENERGY SDN. BRD.
QUILL SOLAR SDN BHD
RAFIJLIN ENERGY VENTURES SDN BBD
RAGAWANG CORPORATION SDN BBD
RAPS SOLUTIONS SDN BBD
RAY GO SOLAR EPC SDN BBD
RE PATH (M) SDN BHD
RENEWABLE SOLAR ENERGY SDN BBD
RE-NOSIJN SDN BHD
RESTU INDAH SDN BBD
REVOTE-CH ELECTRICAL SDN BHD
RE-WATTS ENERGY SOLUTIONS SDN. BRD.
ROSADO TRADELINE SDN BHD
SAMAIDEN SDN BBD
SCOMI SGSB SDN BBD
SENE ASIA SDN BBD
SFS ENERGY SDN. BRD.
SG ENERGY SDN. BRD.
SH MENTARI SDN BHD
SHER ENGINEERING & CONSULTANCY SDN BBD

SHOREFIELD SDN BHD
SOLAR BEE SDN BHD
SOLAR BINA ENGINEERING SDN BHD
SOLAR GALACTIC (M) SDN. BRD.
SOLAR SENTINEL SDN BHD
SOLAR SKYWORKS SDN BBD
SOLAR SOLUTION SDN. BRD.
SOLAR SUNYIELD SDN BBD
SUARE TRUSS SDN BHD
SOLAROO SYSTEMS SDN BBD
SOLARRE SDN BBD
SOLARVEST ENERGY (SR) SDN BHD
SOLARVEST ENERGY SDN BHD
SOLFOCUS SDN BHD
SOLS ENERGY SDN. BRD.
SOLSTICE SOLAR SDN. BRD.
SOUTHERN SOLAR PV ENERGY SDN. BRD.
SPECTRA ENERGY & MARINE SDN BHD
SPECTRA SURA SDN BBD
STARLIGHT GREEN ENERGY SDN BBD
SUNGATE ENERGY SDN BBD
SUNNY SKY SOLUTIONS SDN BBD
SUNWAY ENGINEERING SDN. BRD.
SURIA DAN SONNE SDN. BRD.
SURIA INFINITI SDN BBD
SURIA SINAR SDN. BRD.
SUSTAINABLE & INNOVATION ENGINEERING SDN BBD
SUSTAINNO SDN. BRD.
SI JTERA HARAPAN SDN BBD
SWEE SENG ELECTRICAL ENGINEERING SDN BHD
SYAF ARMADA SDN BBD
SYARIKAT PEMBENAAN YEOH TIONG LAY SDN BBD
SYMMETRY ENERGY SDN BBD
SYNERGY GENERATED SDN BBD
SYSTEM PROTECTION & MAINTENANCE SDN BBD
TEKNOPOLY SDN BBD
TERA VA SDN. BRD.
TESDEC SERVICES SDN BHD
THURSINAR CORPORATION SDN BHD
TIANCE RESEARCH SDN BBD
TIMES-LITE ELECTRICAL ENGINEERING SDN BBD
TINNOVATIK SDN BBD
TNB ENERGY SERVICES SDN BBD
TOKAI ENGINEERING (M) SDN BBD
TOTAL ENGINEERING PROVIDER
TOTAL IFM SDN BBD
TOTAL POWER SOLUTIONS SDN BHD
TRANSWATER API SDN BHD
T TOP INDUSTRIAL & ENGINEERING SDN BHD
I-J.D. ENTERPRISE SDN BBD
UT GENERATION SDN BHD
VELLD POWER SYSTEM CONSULT SDN. BRD.
VERDANT SOLAR SDN BHD

VITAL STARLIBRA SDN BBD
VIZ URBANA SDN BBD
VOLTA ENERGY SDN BBD
VOLTAGO SOLAR SDN BBD
VOLTAKE ENERGY SERVICES SDN.BHD.
VOLTE-K ENERGY SDN.BHD.
VSD AUTOMATION SDN BHD
WAZLINA SDN BHD
WE POWER VENTURE SDN BHD
X SOLAR SDN BHD
XENERGI SDN BHD
YONGYANG SDN BHD

REGISTERED SOLAR PV INVESTOR (RPVI)

RPVI is a Registered Solar PV Investor under the NEM Programme that enables any company to become an investor under the solar PV project. Under RPVI, investors provide power purchase agreement (PPA) and Solar Leasing services.



ABOVE GREEN SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

ADVANCE SOLAR SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

ADVANCECON SOLAR SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

AMAZING SOLAR SDN BHD Shah Alam SELANGOR DARUL EHSAN

AMSOLAR ASSETS SDN BHD Puchong SELANGOR DARUL EHSAN

AMSURIA RE SDN BHD PUCHONG SELANGOR DARUL EHSAN

ANDELI SOLAR SDN. BHD. PUCHONG SELANGOR DARUL EHSAN

ARAS KEJURUTERAAN SDN. BHD. Selangor Darul Ehsan SELANGOR DARUL EHSAN

ARMANI ENERGY SDN BHD shah alam SELANGOR DARUL EHSAN

ARMOR MASTER SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

ASSIGN SOLAR NEW ENERGY SDN BHD BANDAR PUNCAK ALAM SELANGOR DARUL EHSAN

BAKTI SUCI INTEGRATED SERVICES SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

BASE RENEWABLES SDN. BHD. PUTRAJAYA SELANGOR DARUL EHSAN

BECIS (MALAYSIA) SDN. BHD. Subang Jaya SELANGOR DARUL EHSAN

BINALITE ELECTRICAL ENGINEERING SDN BHD SERI KEMBANGAN SELANGOR DARUL EHSAN

BINASAT SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

BLE MALAYSIA 101 SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

BOILERMECH CLEANTECH SDN BHD Subang Jaya SELANGOR DARUL EHSAN

BORDERLESS CONNECTION SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

BULLISH AIM SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

CANADIAN SOLAR ENERGY MALAYSIA SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

CEKAP TECHNICAL SERVICES SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

CENERGI EE HOLDINGS SDN. BHD. SHAH ALAM SELANGOR DARUL EHSAN

CENERGI SOLAR SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

CENERGI SUNSEAP ENERGY SOLUTIONS SDN BHD Shah Alam SELANGOR DARUL EHSAN

CIPTA SENTOSA SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

CLEANTECH SOLAR (MALAYSIA) SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

CLEANTECH SOLAR 2 (MALAYSIA) SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

CMC GROUP SDN BHD AMPANG SELANGOR DARUL EHSAN

CSO PROPERTIES SDN BHD TELUK INTAN PERAK DARUL RIDZUAN

CYPARK RENEWABLE ENERGY SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

DAWN BREZE SDN BHD Subang Jaya SELANGOR DARUL EHSAN

DAYA BERSIH SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

DEKAD ALIRAN SDN BHD ALOR SETAR KEDAH DARUL AMAN

DESTINI ENERGY SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

DITROLIC ENERGY SOLUTION 2 SDN. BHD. JOHOR BAHRU JOHOR DARUL TAKZIM

DITROLIC ENERGY SOLUTION 3 SDN BHD JOHOR BAHRU JOHOR DARUL TAKZIM

DITROLIC ENERGY SOLUTION SDN. BHD. Petaling Jaya SELANGOR DARUL EHSAN

DYNA SEGMENT SDN BHD Ampang Jaya SELANGOR DARUL EHSAN

DYNAC ENERGY SDN BHD PASIR GUDANG JOHOR DARUL TAKZIM

DYNAMIC LEADING INDUSTRY SDN. BHD. KULIM KEDAH DARUL AMAN

DYNASYNERGY TECHNOLOGY SDN BHD Puchong SELANGOR DARUL EHSAN

DYNAVUE SDN BHD GEORGE TOWN PULAU PINANG

EASTERN SOLAR TECHNOLOGY SDN. BHD. Kota Kinabalu SABAH

EDGENTA GREENTECH SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

EDGENTA MEDISERVE SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

EFS MYSOLAR SDN BHD Port Klang SELANGOR DARUL EHSAN

ELEAPS SDN BHD PUCHONG SELANGOR DARUL EHSAN

ELECTRON HARVEST SDN BHD SKUDAI JOHOR DARUL TAKZIM

ENERGY DEPOT SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

ENERTRA SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

ENGIE SERVICES MALAYSIA SDN BHD Cyberjaya SELANGOR DARUL EHSAN

ENSOLAR SDN BHD Seberang Jaya PULAU PINANG

ENZOLAR ENERGY SDN. BHD. PUCHONG SELANGOR DARUL EHSAN

ER SUMBER HARMONI SDN. BHD. KUANTAN PAHANG DARUL MAKMUR

EUROPEAN PROFILES SYSTEMS SDN BHD RAWANG SELANGOR DARUL EHSAN

EV CONNECTION SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

EVALUX HOLDINGS SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

EVERGREEN FINTECH SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

EXCELLENT BLOSSOM SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

EZA ENGINEERING SDN BHD PUTRAJAYA W.P. PUTRAJAYA

FABULOUS SUNVIEW SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

FBO LAND (SETAPAK) SDN BHD Setapak W.P. KUALA LUMPUR

FYF ENGINEERING SDN. BHD. Petaling Jaya SELANGOR DARUL EHSAN

GADING KENCANA SDN. BHD. SHAH ALAM SELANGOR DARUL EHSAN

GENTING ENERGY SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

GMA RESOURCES SDN BHD Wilayah Persekutuan W.P. KUALA LUMPUR

GO ENERGY SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

GREEN ENERGY GENERATION SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

GREEN XPERTS SDN. BHD. CYBERJAYA SELANGOR DARUL EHSAN

GREENVIRO SOLUTIONS SDN. BHD. BUKIT MERTAJAM PULAU PINANG

GSPARX SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

HASILWAN (M) SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

HASILWAN SOLAR VENTURES SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

HATTEN RENEWABLE ENERGY SDN BHD Bandar Hilir MELAKA BANDARAYA BERSEJARAH

HD JAYA TRADING SDN BHD KOTA BHARU KELANTAN DARUL NAIM

HEITECH ECO ENERGY SDN BHD Subang Jaya SELANGOR DARUL EHSAN

HEITECH PADU BERHAD Subang Jaya SELANGOR DARUL EHSAN

HELIOSEL SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

IL SOLAR SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

IMPIAN BUMIRIA SENDIRIAN BERHAD PETALING JAYA SELANGOR DARUL EHSAN

INDUSTRIAL LABORATORIES Shah Alam SELANGOR DARUL EHSAN

INERGIST SDN BHD SUBANG JAYA SELANGOR DARUL EHSAN

ITRAMAS RE SERVICES SDN BHD Shah Alam SELANGOR DARUL EHSAN

J.B. EASTERN METAL WORKS SDN. BHD. JOHOR BAHRU JOHOR DARUL TAKZIM

JAKS SOLAR POWER SDN BHD Subang Jaya SELANGOR DARUL EHSAN

JATI TINGGI HOLDING SDN. BHD. CHERAS SELANGOR DARUL EHSAN

JFE ENGINEERING (M) SDN BHD WP Kuala Lumpur W.P. KUALA LUMPUR

JI -AUTO SDN. BHD. SEREMBAN NEGERI SEMBILAN DARUL KHUSUS

JISHAN CAPITAL SDN BHD Nibong Tebal PULAU PINANG

JITU FIKIR SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

JS SOLAR SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

JT GREEN TECH SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

KAB GREE SOLAR SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

KAB SMART SOLAR ENERGY SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

KAGAYAKI ENERGY SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

KAME GREENTECH SDN BHD PERAI PULAU PINANG

KIWI GREENTECH SDN BHD SEREMBAN NEGERI SEMBILAN DARUL KHUSUS

KPOWER RE SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

KUMPULAN MELAKA BERHAD AYER KEROH MELAKA BANDARAYA BERSEJARAH

KYUDENKO MALAYSIA SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

LABUAN SHIPYARD & ENGINEERING SDN. BHD. W.P. LABUAN

LEADER SOLAR SDN. BHD. GEORGE TOWN PULAU PINANG

LEMBAH SETIA SDN BHD KUALA SELANGOR SELANGOR DARUL EHSAN

LEONG BEE & SOO BEE SDN BHD PERAI PULAU PINANG

LOOP ENERGY MALAYSIA SDN. BHD. JLAN STESEN SENTRAL 2 W.P. KUALA LUMPUR

MA ANALYTICS SDN. BHD. Wilayah Persekutuan Kuala Lumpur W.P. KUALA LUMPUR

MALAKOFF RADIANCE SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

MALAYSIAN SOLAR RESOURCES SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

MANAGEPAY RESOURCES SDN BHD Selangor W.P. KUALA LUMPUR

MAQO TECHNOLOGIES (M) SDN BHD PUCHONG SELANGOR DARUL EHSAN

MARITIME CONSULT (M) SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

MASGY ENGINEERING & SERVICES SDN BHD Kajang SELANGOR DARUL EHSAN

MATTAN ENGINEERING SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

MAYANG HIJAU SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

MEDIVEST SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

MESTRON ENERGY SDN BHD PUCHONG SELANGOR DARUL EHSAN

MFP SOLAR SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

MICRO GRID SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

MIE INDUSTRIAL SDN BHD Puchong SELANGOR DARUL EHSAN

MILAB MARKETING SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

MINETECH CONSTRUCTION SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

MSC TRUSTGATE.COM SDN. BHD. CYBERJAYA SELANGOR DARUL EHSAN

MUHIBBAH ENGINEERING (M) BHD Klang SELANGOR DARUL EHSAN

N1 SOLAR SDN BHD Puchong SELANGOR DARUL EHSAN

N2 SOLAR SDN BHD Puchong SELANGOR DARUL EHSAN

NCL GREEN ENERGY SDN BHD Seri Kembangan SELANGOR DARUL EHSAN

NE SURIA SATU SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

NEFIN ENERGY (MALAYSIA) SDN. BHD. BAYAN LEPAS PULAU PINANG

NEFIN SOLAR ASSET 2 SDN. BHD. BAYAN LEPAS PULAU PINANG

NEFIN SOLAR ASSET SDN. BHD. BAYAN LEPAS PULAU PINANG

NEFIN TECHNOLOGIES (MALAYSIA) SDN. BHD. BAYAN LEPAS PULAU PINANG

NETICA ENERGY SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

NEUTO SDN BHD Johor Bahru JOHOR DARUL TAKZIM

NEUTRON ENERGY SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

NEXUSCORPGROUP SDN BHD Shah Alam SELANGOR DARUL EHSAN

NGC ENERGY SDN BHD BUKIT DAMANSARA W.P. KUALA LUMPUR

NOBLE LAND HOLDINGS (M) SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

NORTHERN SOLAR SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

NOVA REECO SDN. BHD. SUBANG JAYA SELANGOR DARUL EHSAN

NOVA SPECTRA ENERGY SDN. BHD. SUBANG JAYA SELANGOR DARUL EHSAN

OCEAN VANTAGE ENGINEERING SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

OCEAN VANTAGE HOLDINGS BERHAD PETALING JAYA SELANGOR DARUL EHSAN

OSK RE SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

PDC NUSABINA SDN. BHD. Simpang Ampat PULAU PINANG

PEG SYNERGY SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

PEKAT SOLAR SDN. BHD. Petaling Jaya SELANGOR DARUL EHSAN

PENSOLAR SDN BHD JELUTONG PULAU PINANG

PESTECH SDN. BHD. Shah Alam SELANGOR DARUL EHSAN

PETRONAS POWER SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

PHOENIX GREEN ENERGY SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

PLUS XNERGY ASSETS SDN BHD BUKIT JALIL W.P. KUALA LUMPUR

PLUS XNERGY SERVICES SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

PRIMELUX ENERGY SDN BHD JITRA KEDAH DARUL AMAN

PROGRESSIVE IMPACT TECHNOLOGY SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

PROGRESSTURE POWER SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

PROSIGNAL ENGINEERING SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

PV HI TECH SOLAR SDN. BHD. LINGGI NEGERI SEMBILAN DARUL KHUSUS

QEOS ENERGY SDN. BHD. Melaka MELAKA BANDARAYA BERSEJARAH

QUANTUM SUSTAINABLE ENERGY SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

QUILL SOLAR SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

RADICARE (M) SDN BHD DAMANSARA HEIGHTS W.P. KUALA LUMPUR

RADIMAX GROUP SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

RAFULIN ENERGY VENTURES SDN BHD W.P. Kuala Lumpur W.P. KUALA LUMPUR

RAY GO SOLAR POWER SDN BHD KLANG SELANGOR DARUL EHSAN

RAY GO SOLAR EPC SDN BHD Klang SELANGOR DARUL EHSAN

REGAL RIVER SDN. BHD. SHAH ALAM SELANGOR DARUL EHSAN

REGIONAL UTILITIES SDN BHD Sri Damansara W.P. KUALA LUMPUR

RENEWABLES TECHNOLOGY SOLUTIONS SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

RESERVOIR LINK RENEWABLE SDN BHD Kuala Lumpur SELANGOR DARUL EHSAN

REVOTECH ELECTRICAL SDN BHD TELUK INTAN PERAK DARUL RIDZUAN

RISING ENERGY SDN BHD Brickfields Kuala Lumpur W.P. KUALA LUMPUR

RKR BINA SDN. BHD. (PREVIOUSLY RAHIMKON SDN. BHD.) Subang Jaya SELANGOR DARUL EHSAN

RM LEOPAD SDN BHD Brickfields Kuala Lumpur W.P. KUALA LUMPUR

ROTORNIAGA SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

S&C GREEN PACE SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SAG GREEN TECH SDN BHD KLANG SELANGOR DARUL EHSAN

SAMAIDEN CAPITAL MANAGEMENT SDN.BHD PETALING JAYA SELANGOR DARUL EHSAN

SAMAIDEN SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SAMDO SMART SOLAR (M) SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

SATRIA MEGAJUTA SDN BHD Subang Jaya SELANGOR DARUL EHSAN

SC ESTATE ENERGY SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

SCOMI CAPITAL SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

SEDANIA TECHNOLOGIES SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

SEDAYA DINAMIK SDN BHD BAYAN LEPAS PULAU PINANG

SELASIH MENTARI SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SH MENTARI SDN BHD PUCHONG SELANGOR DARUL EHSAN

SHIZEN MALAYSIA SDN. BHD. Petaling Jaya SELANGOR DARUL EHSAN

SHOREFIELD SDN BHD Kuching SARAWAK

SIME DARBY PLANTATION RENEWABLE ENERGY SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

SINARAN PPA SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SKYE RENEWABLES MALAYSIA SDN. BHD. Kuala Lumpur W.P. KUALA LUMPUR

SOLAR DISTRICT COOLING SDN BHD Kajang SELANGOR DARUL EHSAN

SOLAR GALACTIC (M) SDN. BHD. Petaling Jaya SELANGOR DARUL EHSAN

SOLAR SOLUTION SDN. BHD Kuala Lumpur W.P. KUALA LUMPUR

SOLARCAP SDN BHD DAMANSARA HEIGHTS W.P. KUALA LUMPUR

SOLARCITY MALAYSIA SDN BHD PUCHONG SELANGOR DARUL EHSAN

SOLARCITY REIT SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SOLARVEST ASSET MANAGEMENT SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

SOLARVEST ENERGY SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

SOLS ENERGY SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

SOLSTICE SOLAR SDN. BHD. JOHOR BAHRU

SPECTRA ENERGY & MARINE SDN BHD SUBANG JAYA SELANGOR DARUL EHSAN

SUNATURE SDN. BHD. Butterworth PULAU PINANG

SUNNY SKY VELOCITY SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SUNSEAP ENERGY (MALAYSIA) SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

SUNWAY ENGINEERING SDN. BHD. Subang Jaya SELANGOR DARUL EHSAN

SUNWAY PROPERTY & FACILITY MANAGEMENT SDN BHD SUBANG JAYA SELANGOR DARUL EHSAN

SURIA INFINITI SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SYNERGY GENERATED SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

SYSTEM PROTECTION & MAINTENANCE SDN BHD Shah Alam SELANGOR DARUL EHSAN

TAHA CAHAYA SDN. BHD. Ayer Keroh MELAKA BANDARAYA BERSEJARAH

TECHNOFIT SDN BHD Batu Caves SELANGOR DARUL EHSAN

TESDEC GREEN ENERGY SDN BHD MARANG TERENGGANU DARUL IMAN

THE H INITIATIVE 2 SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

TIMELESS GREEN SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

TIMES-LITE ELECTRICAL ENGINEERING SDN BHD KUANTAN PAHANG DARUL MAKMUR

TMM ENGINEERING SERVICES SDN BHD KERTEH TERENGGANU DARUL IMAN

TOKAI ENGINEERING (M) SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

TOPRANK SOLAR ENERGY SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

TOTAL IFM SDN BHD IPOH PERAK DARUL RIDZUAN

TOTALENERGIES RENEWABLES MALAYSIA SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

TRIG ENERGY SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

TTOP INDUSTRIAL & ENGINEERING SDN BHD KUANTAN PAHANG DARUL MAKMUR

TUNAS COOL ENERGY SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

UMP ENERGY SDN BHD KUANTAN PAHANG DARUL MAKMUR

UNITED SOLAR ENERGY (MALAYSIA) SDN. BHD. kuala lumpur W.P. KUALA LUMPUR

UP SOLAR SDN BHD BUKIT MERTAJAM PULAU PINANG

URBANCUBES SDN BHD Port Klang SELANGOR DARUL EHSAN

UTM HOLDINGS SDN BHD KUALA LUMPUR W.P. KUALA LUMPUR

UZMA ENGINEERING SDN BHD Petaling Jaya SELANGOR DARUL EHSAN

UZMA ENVIRONERGY SDN. BHD. PETALING JAYA SELANGOR DARUL EHSAN

VANTAGE OFFSHORE SOLUTIONS SDN. BHD. Shah Alam SELANGOR DARUL EHSAN

VIRENT ENERGY SOLUTIONS SDN BHD Kuala Lumpur W.P. KUALA LUMPUR

VSD AUTOMATION SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

WAZLINA SDN BHD PETALING JAYA SELANGOR DARUL EHSAN

WORLDWIDE HOLDINGS BERHAD SHAH ALAM SELANGOR DARUL EHSAN

X PREMIER RESOURCES SDN BHD KANGAR PERLIS INDERA KAYANGAN

XENERGI SDN BHD SHAH ALAM SELANGOR DARUL EHSAN

YONGYANG SDN BHD PRAI PULAU PINANG

YTL POWER GENERATION SDN. BHD. KUALA LUMPUR W.P. KUALA LUMPUR

ZECON BERHAD KUCHING SARAWAK

ZECON MEDICARE SDN. BHD. KUCHING SARAWAK

ZELLECO ENGINEERING SDN BHD rawang SELANGOR DARUL EHSAN

