



SOUTHERN GLOBAL ENERGY

BE EARTH FRIENDLY

Solar Home Lighting

Roof - Top Solar Projects

Solar Street Lighting

Solar Water Heaters

Solar Fencing



WHO WE ARE

Southern Global Energy is a leading independent company specializing in rooftop solar electricity generation. We work with private homeowners, commercial premises, community organizations and public bodies in order to design and implement bespoke solutions to meet specific needs in each of these sectors.

We are more than just a leading solar company, we are an in-house team of solar energy experts and innovators dedicated to improving the way you create power. The company's employees are fully trained professionals to survey, design and install the best quality solar PV products from major manufacturers approved by MNRE, all of which include a 25 year performance warranty.

At Southern Global Energy, we believe in a better way to power homes and businesses at a lower cost while contributing to a cleaner planet. We make it easy.

Your experience is our top priority, starting the moment you contact us. Our team will take care of everything. Once scheduled, your solar power system installation can take as little as one day. Southern Global Energy has accumulated a wealth of knowledge.

Here is a product that fulfils the aspirations for potential customers to actually contribute something positive to making the world a better place to live in, both now and for the future by reducing carbon output.

High energy costs, increasing legislation, government incentives and growing corporate social responsibility are all huge drivers for the increasing demand in solar energy.

For your guidance, this prospectus will offer you a guide through the initial steps and explain how being a part of the Southern Global Energy brand will work for you.

WHAT WE DO

We make going solar easy. Every step of the way from the second we knock on your door to the time your panels start producing power we deliver the tools, support and advice you need to make SOLAR simple.

Consultation :

We'll take a look at your energy needs, and tell you how much you can save by going solar. We'll also answer any of your questions. Simple, painless, and free.

Design:

We'll stop by for a second visit to check out your roof, and gather information for our solar design team. Our team will create a customized system, for you, designed to shrink your energy bill.

Permission & Paper work :

Our Liaison manager will make sure that all of the permits and paperwork NREDCAP and local utility company and paper work required are taken care of. All you need to do is sit back, relax, and wait for installation day.

Installation :

On installation day you can expect us to have your solar panels up and ready in about a day or two. Once we're finished, we'll show you how to turn the system on and off.

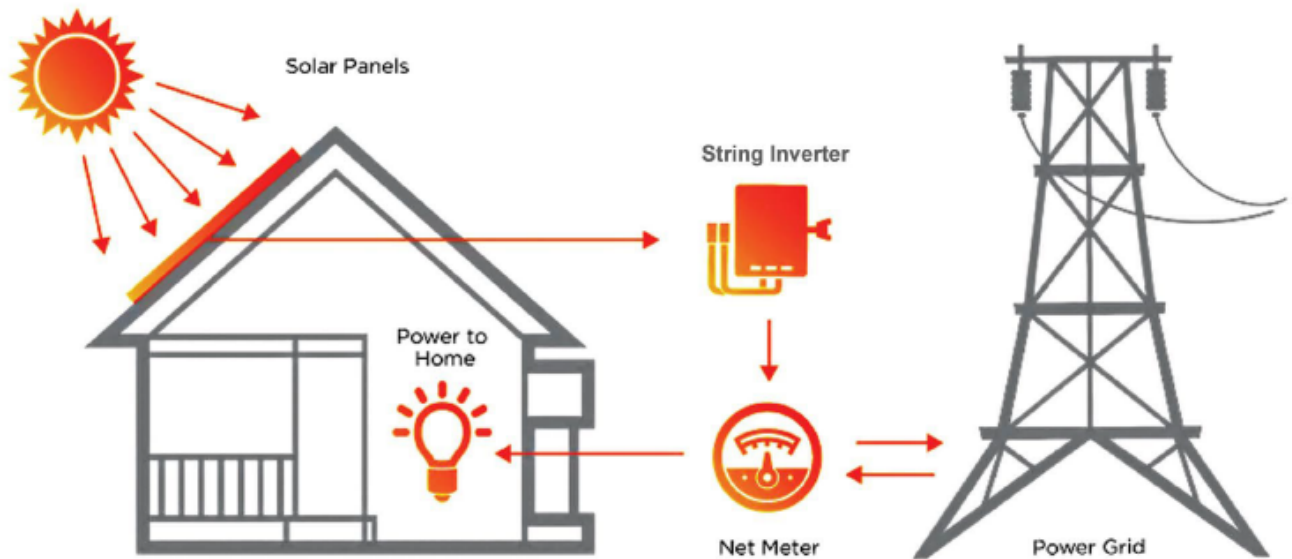
Activation :

Your local SPDCL and NREDCAP will need to give final permission for us to connect your panels to the grid and start generating clean energy. This is called Permission to Operate, Once it is granted, your panels are ready to be turned on, and you can start saving.

Our approach :

A better customer experience that means multi point quality inspections on our solar panels, and step support. It means we don't leave out the installations to chance, and we don't cut corners. Most importantly, it means you'll never be left in the dark.

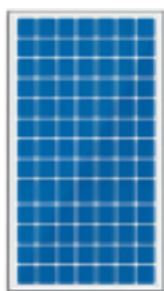
ROOFTOP SOLAR POWER NET METERING



BENEFITS OF SOLAR NET METERING

- Utilization of vacant Roof top for power generation.
- Can generate power for itself - consumption and feed excess Power to the grid
- Provision for settlement of registered surplus energy fed to the grid on monthly basis.
- Surplus energy injected shall be considered for payment by the DISCOM
- (APSPDCL) at cost to serve price as decided by the APERC.
- Generation of Environmental friendly green energy.





Module

High performance

Maximized energy harvest

High reliable due to stringent quality control

over 300 in - house tests

Certified to withstand the most challenging environmental conditions



Inverter

High efficiency

Max. Efficiency 98.3%

Compact size

Easy installation

Reliable and safe

Stringent testing

High protection

IP65 enclosure



Grid-Box

IP65 indoor and outdoor

dustproof waterproof

Reliable and safe



Mounting

Reliable performance

optimized structure, high strength

Flexible installation

Additional components may be required for customization of roof tops

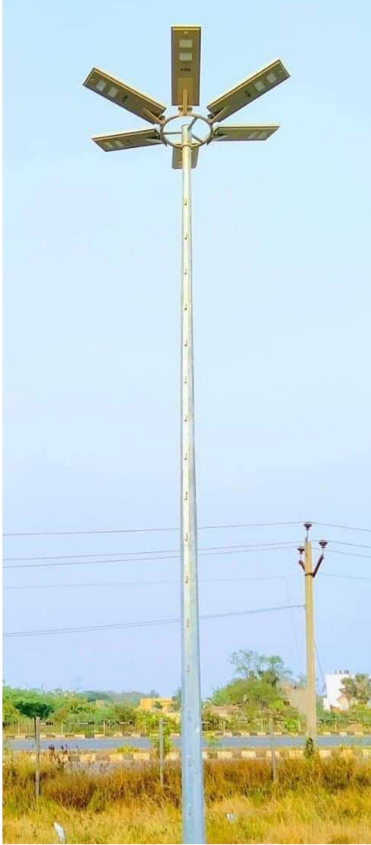
Save installation time

Provide complete set of mounting

OUR WORKMANSHIP



OUR WORKMANSHIP



Solar Street Lighting System

- SGE innovative solar lighting solution contains the wide range of led based lighting solutions.
- SGE has designed highly economical solar lighting solutions to serve the exact need and quick return of investment.



Applications

- Gardens
- Parking Areas
- Parks
- Play Grounds
- Offices
- Schools
- Colleges
- Hostels
- Pathways
- Factory Lighting
- Farm House Lighting

**WORRIED ABOUT HUGE
ELECTRICITY BILLS FOR
LIGHTING YOUR OUTDOORS**

KEY FEATURES

- Back up mechanism for cloudy & rainy days
- 2 days autonomy
- Automatic dusk to dawn operation
- Low maintenance & weather proof
- No additional power required
- "Fit & Forget"

SOLAR ALL IN ONE STREET LIGHT

Model	Luminary	Panel	Li-Battery	Pole
SGE9	9W	30W	6 AH	5 MTR
SGE15	15W	40W	12 AH	5 MTR
SGE20	20W	40W	18 AH	5 MTR
SGE24	24W	60W	24 AH	5 MTR
SGE30	30W	60W	30 AH	5 MTR
SGE50	50W	100W	36 AH	6 MTR

Solar Water Heater



**SOLAR WATER
HEATER - ETC**

SPECIFICATIONS

- Capacity : 100 LPD to 1000 LPD and their multiples
- Collector type : vacuum tube technology with triple layer coating for maximum absorption of solar radiation
- Hot water tank : SS - 304 grade
- Specially coated zinc aluminium outer body, special tank design eliminates the shabby looking air vents
- High density puf injected with automatic machines
- Heating from infrared rays of solar radiation
- Minimum heat loss from the system due to evacuated tubes
- Less maintenance, easy to clean and less space required
- Suitable for boring hard water
- Electrical back up heater - optional
- Max temperature - 60°C



**SOLAR WATER
HEATER - FPC**

SPECIFICATIONS

- Delivers significant power savings
- Stain less steel storage tanks - available in various grades, depending on local water quality
- Hot water tank: SS - 316 grade
- Pressure : with stand capacity - 8 bar
- Safety valve : special imported air release & vacume release valve
- Put insulation tank with < 5% heat loss per day
- Capacity available : 100, 200, 300, 500 and their multiples
- Attractive pay back - 3 to 4 years
- Collector : high performance toughened glass
- Flat plate collector with 100% copper fins coated in black for maximum absorption of solar radiation and effective heat transfer
- Electrical back up heater - optional
- Higher configurations available for industrial / commercial establishments

Heat Pump for Commercial Projects



Combo of solar water heater & heat pump are ideal in places like hotels, villas, hostel, hospitals etc. where hot water is needed in large volumes. solar water heaters may not provide during rainy and cloudy days. To overcome this problem the ideal solution is to connect a heat pump water heater to a solar water heater. This combination system ensures an uninterrupted flow of hot water and in the most energy efficient manner. solar energy is used to heat the water and the heat pump provides hot water round the clock and through out the year irrespective of weather conditions.



AGRICULTURE FENCING

Fence is designed to protect agriculture crops from domestic and wild animals like monkeys, cows, buffaloes, bears etc. Fence design shall be exclusively to meet the targeted animal(s) installed around the crop using existing posts. Posts can be RCC, Stone etc duly grouted on the ground to carry fence strands along the perimeter. Total number of strands, gap between stands height of the fence shall be desinged based on the targeted animal(s).

FOREST FENCING

Fence is designed to protect cluster of villages located in the forest or nearby forest areas from wild animals. Main threat to the villagers shall be from wild Elephants and Bears. In general, the fence shall consist of 5 strands from ground level with fence height of about 6 feet. Recommended posts for the fence construction shall be MS galvanized of 8.5 feet length.



SECURITY FENCING

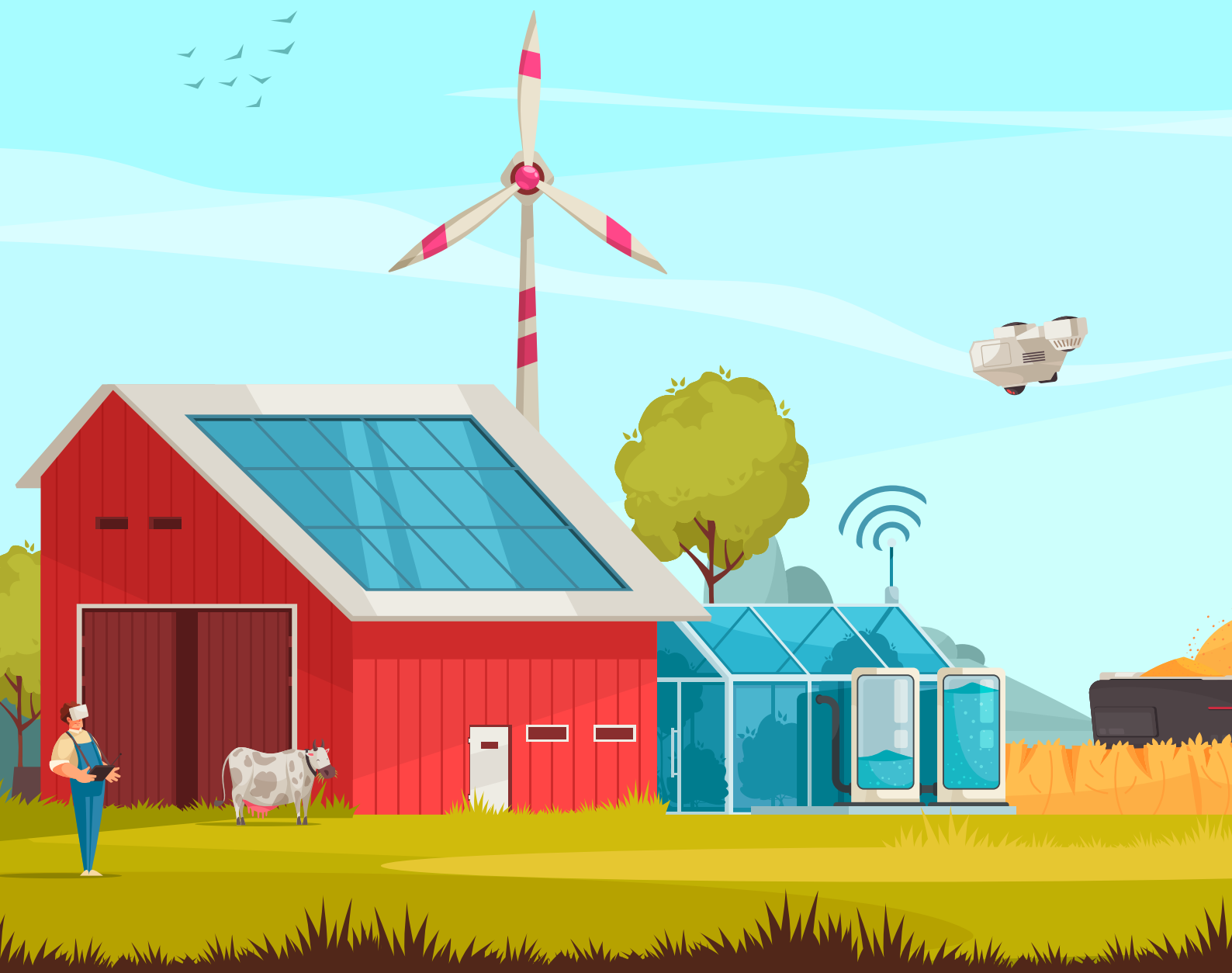
Security Fence is designed to keep out from thieves, Major applications shall be to protect Residences, Godowns, Manufacturing units, Gated Communities, Police stations, etc., from any intrusion. System will not only detect but also deny intrusion by giving a short, sharp and safe shock to the intruder. We recommend a minimum height of 1 meter on wall top and 1.8 meter on ground level tence. Gap between strands can be designed to meet site requirements.



SOUTHERN GLOBAL ENERGY
BE EARTH FRIENDLY

FEW OF OUR PATRONS

 IndianOil	 GOVERNMENT OF ANDHRA PRADESH సత్యమేవ జయతే	 KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	 stands for Zilla Parishad High School	
 CHANDANA BROS LADIES & GENTS CLOTHS SHOWROOM VIJAYAWADA-10	 Divis Laboratories Ltd		 SIMPLEX INFRASTRUCTURES LTD.	
 भारत इलेक्ट्रॉनिक्स BHARAT ELECTRONICS QUALITY. TECHNOLOGY. INNOVATION.	 vijayawada Municipal Corporation		 growel	 LEPL CREATING THE NEXT
 R. R. Infraprojects Pvt. Ltd.		 SANKARA EYE FOUNDATION	 <i>Madhumitra</i> estates	M.A.R Hospital
SIVA RAMA KRISHNA ENT Hospital		 Vijayawada Airport.in	SRI SAI Public School	 +Convention Centre



SOUTHERN GLOBAL ENERGY

BE EARTH FRIENDLY

MP-31,G-64, Beside Sri Mahitha School,
4th Road, Currency Nagar, Vijayawada.
Andhra Pradesh - 520008



+91 8885433309 | +91 8179585242