



Lets us help you conserve the power for better future.



About Us :



At a time, “when the world is grappling with the severe energy crisis, the need for the uninterrupted supply of clean electricity is utmost necessary and a prerequisite”.

In this particular direction, S Cube Energy becomes the testimony since 2015, to bring in a perpetual and sustainable energy source which is affordable.

S Cube Energy is a ISO-9001:2008 certified company in Hyderabad, we have been the system integrator & manufacturers, who has transitioned itself as one of the channel partners of Ministry of New Renewable Energy (MNRE) Govt. of India, empanelled with Nodal Agencies like:

- Telangana State Renewable Energy Development Corporation Limited (TSREDCO)
- New & Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP)
- National Small Industries Corporation (NSIC).

We are the leaders for Engineering, Procurement & the Construction (EPC) consultants in the marketplace and has got a titular name of being a one-stop turnkey solution for promoting the green energy solutions.

We offer services into three major areas:

- Solar Power
- LED manufacturer
- Electrical works and Highway works



Our Unique Selling Proposition

We are one of the few service organizations in the market, who understands the key performance indicators (KPIs) of the customer related to their specific requirements. After the initial analysis, the core team focuses over the tailor-made solutions which integrate the latest technology deliverables.

S Cube has the inherent capability to connect with the customer and enables them to explore our range of quality services with due diligence to their spending economy and return on investment (ROI)

S Cube focuses on quality deliverables

We boast ourselves as being the product vendor and our efficacy has always been to deliver products with high quality which meets up to the global standards. As a service organization, we offer long-term quality solutions which bring a true asset to the value chain.

Solar Power

Solar Power is the energy created by the heat and light of the sun, solar power is produced when this energy is converted into electricity.

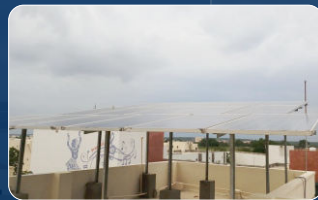
S Cube Energy runs with an ardent philosophy, "Say Goodbye to darkness by reducing the electricity bills through lighting". In this way, are able to bring about a sustainable way to light your space with minimal investment and maintenance.

Solar Photovoltaic power systems (SPV) are considered as the most ideal systems for home and business segments, as these photovoltaic systems tend to convert sunlight into DC electricity which is quiet economical as compared to the conventional electricity.

S Cube Energy is a solar system integrators where we are instrumental in providing services for :

➤ Solar On-Grid Power System

Solar On-Grid system generates solar electricity through solar panels and route it to the utility grid. S Cube is empanelled with government agencies such as TSREDCO, NREDCAP and have been commissioning solar on-grid systems for both commercial and residential setups.



➤ Solar Off-Grid Power System

Solar off-grid converts DC power into AC power which is used to run the home appliances. S Cube has been setting up solar off-grid systems for industrial setups, domestic consumption.

➤ Solar Power Plants. (EPC)

The projects, we handle have a projection towards Design, Supply, Solar Installations, Commissioning and Maintenance.

Our range of products deliverables

➤ Solar Water Heater

The water to be heated will be supplied from an overhead tank to the stainless steel tank of the solar water heating system. The water from this stainless steel tank flows through the copper fin tubes fitted under a high transmissivity toughened glass. The copper fin tubes are selectively coated with black chromium to collect maximum sun radiation through glass. The water flowing through these copper tubes will get heated and by force gravity circulation it again enters into the stainless steel tank of solar system

The range of solar water heater that we market harnesses the green energy of the sun, thereby reducing your energy consumption. We bring about in the best quality solar water heater which are made of high grade stainless steel and are a ready fit for both residential and commercial establishments. S Cube has been dealing with Solar Water Heating systems for domestic and commercial consumptions.

We deal with :

- Evacuated Tube Collector (ETC) water heaters
- Flat Plate Collector (FPC) water heaters

➤ Solar Street lights

Solar Outdoor Lighting System is a system which is powered by the sun, S Cube takes its pride in manufacturing Solar Street Lights, which are mounted on the solar panel and the pole. These panels generate electricity during the day to charge the battery, which lits up the LED bulb during the dark hours.

We deal with different models of solar street lights

- Solar street lights with lithium-ion battery solutions.
- Solar street lights with lead-acid battery solutions.

➤ Solar Traffic Signal Blinkers

Solar Traffic Signal Blinkers uses the solar energy instead of the conventional electricity in order to run the signal blinker. S Cube offers clients with solar blinkers with an integrated LED based solar blinker unit. These signal blinkers have a blinking cycle of blinking mode 1 sec & off mode for 1 sec, they stand as a symbol of sending alerts.

➤ Solar Fencing

Our products are renowned as safe, trusted fencing solutions. When you purchase your equipment through S Cube, you can be rest assured that you are buying the very best solar fencing which is economical, costing as much as 50% less over their lifetime than the conventional non-electrified fencings. In addition to this, our installation process takes less time to build, saving you both time and money.

➤ Solar Pumps

Solar Water Pump is a stand alone system operating on power generated by solar photovoltaic panels. The power generated by solar panels is used operating DC surface centrifugal monoblock pump set for lifting water from open well or water reservoir for minor irrigation and drinking water purpose. Solar Pumps are run on the power generated by the PV panels.

These solar panels are used for residential setups and are also extensively used in agricultural farms which is based on Maximum Power Point Tracking Technology (MPPT), with continuous water for 8-10 hours

We offer our services for the following pumps:

- Solar surface water pumps of 0.5 HP to 1 HP for residential setups
- Solar submersible water pumps of 1 HP to 20 HP for agricultural farms

LED Lighting :

LED lighting is an energy-efficient, long-lasting and at the same time cost effective choice for most purchasers who require lighting for their interim purposes or for those who have a futuristic plannings. LED do come with different styles and models at S Cube, which are completely designed to save money, energy and maintenance free.

S Cube Energy is a manufacturer of diverse range of cutting-edge products to create and deliver power & energy solutions for customers. We work closely with customers and customise the designing and commissioning of the LED lights which in turn reduces the utility and operational cost.

Some of the LED product lines that we market across are:

- LED Bulbs
- LED Tube lights
- LED Panel Lights
- LED Downlights
- LED Spot Lights
- LED Strip Lights
- LED Street Lights
- LED highway lights
- LED flood lights
- LED Highmast lights
- LED Garden lights



We manufacture LED'S mainly based on the customer requirement

- LED bulbs(3 watts to 36 watts) both AC and DC
- Street lights ranging from 9w to 60w AC and DC
- Street lights ranging from 10w to 200w also for both AC and DC
- Garden lights ranging from 7w to 15 w Also for both AC and DC
- Tube lights ranging from 5W to 27w both AC and DC (1ft to 4ft)

LED lights comes with the following attributes:

- LED lights with high lumen output & uniformity.
- Lights with low power consumption & low maintenance cost.
- Automatic ON/OFF Control System
- Automatic dimming control system
- The aluminium material is of heat, corrosion and UV resistant.
- Centralized dimming
- Multiple lights luminary can be controlled by centralized dimming
- Long Life

Comparison chart :

Energy Efficiency & Energy Costs	Light Emitting Diodes (LED's)	Incandescent Light Bulbs	Compact Fluorescent (CFL's)
Life Span (average)	50,000 hours	1,200 hours	8,000 hours
Watts of electricity used (equivalent to 60 watt bulb). LEDs use less power (watts) per unit of light generated (lumens).LEDs help reduce greenhouse gas emissions from power plants and lower electric bills	6-8 watts	60 watts	13-15 watts
Kilo-watts of Electracity used (30 Incandescent Bulbs power year equivalent)	329 KWh/yr.	3285 KWh/yr.	767 KWh/yr.
Annual operating cost (30 Incandescent Bulbs power year equivalent)	14400/year	108000/year	27000/year

Electrical and Highway: Products and Services

Electrical works has been the most proactive component among our value added services and we are involved in all kinds of electrical works across the landscape. S Cube Energy specialise themselves in two different sectors:

Electrical Products and Services

- Commissioning and Erection of PC poles & towers
- Laying of underground cables
- AC & DC Panelboards
- Erection of transformers
- Erection of substations
- CCTV installations and maintenance
- Pressure booster pumps
- Heat Pumps

Highway Products and Services

- High Mast Poles
- Traffic signal lights
- Toll Plaza
- Road Signage Boards
- Road Marking & Studs
- Gantry Sign Board
- Traffic & Safety Signs
- Overhead Cantilever Sign Board

High Mast Poles:

S Cube provides high mast poles which are suitable for lighting of vast areas such as the sports ground, stadium, highways, highway interchanges, Airports, Harbours, Power Plants, Open Parking lots, other outdoor applications etc.

The masts are manufactured keeping the height of 12 to 30 meters or above. The masts come with polygonal shape and with continued tapered steel and which is electrically welded. The manufactured mast strictly follows the BS EN 10025 grades.

Features

- ▲ These masts are easy to handle and comes with superior functionality.
- ▲ They are generally high efficient mast and rust free
- ▲ The masts are often cost effective for the customers.
- ▲ The masts are weather-proof which is accommodated with heavy duty lock.
- ▲ The masts are galvanized internally and externally, having minimum average thickness of 65 microns.
- ▲ The life span of the mast is 25 years.

Road Markings/paintings

We are engaged in road markings, as we mark all the major roads with lanes edge and median markings together with delineators.

We offer the following services as a part of road markings & paintings

To channelise the movement of the pedestrians into the safe zones.

- Road Markings are the coloured paintings on the roads.
- Perform an important function of guiding and controlling traffic.
- Serve as a psychological barrier and signify the delineation of the traffic path.
- Channelise the movement of the pedestrians and cyclists into the safe zones.
- Conveys information to road user without distracting the attention from the carriageway.
- Therefore, are indispensable to ensure smooth & orderly flow of traffic and for promoting road safety

Materials :

- Thermo plastic paints
- Reflectorised paint
- Pre fabricated sheets

CCTV (Closed Circuit Television)

S Cube offers wide range of services on CCTV cameras. We are instrumental in installation, service and supply. Some of the cameras that we offer is listed below:

Types of CCTV cameras

- PTZ Camera (Pan Tilt Zoom)
- HD Camera(High Definition)
- Dome Camera
- Bullet Camera
- IR Camera (Infra Red)
- IP Camera

Services

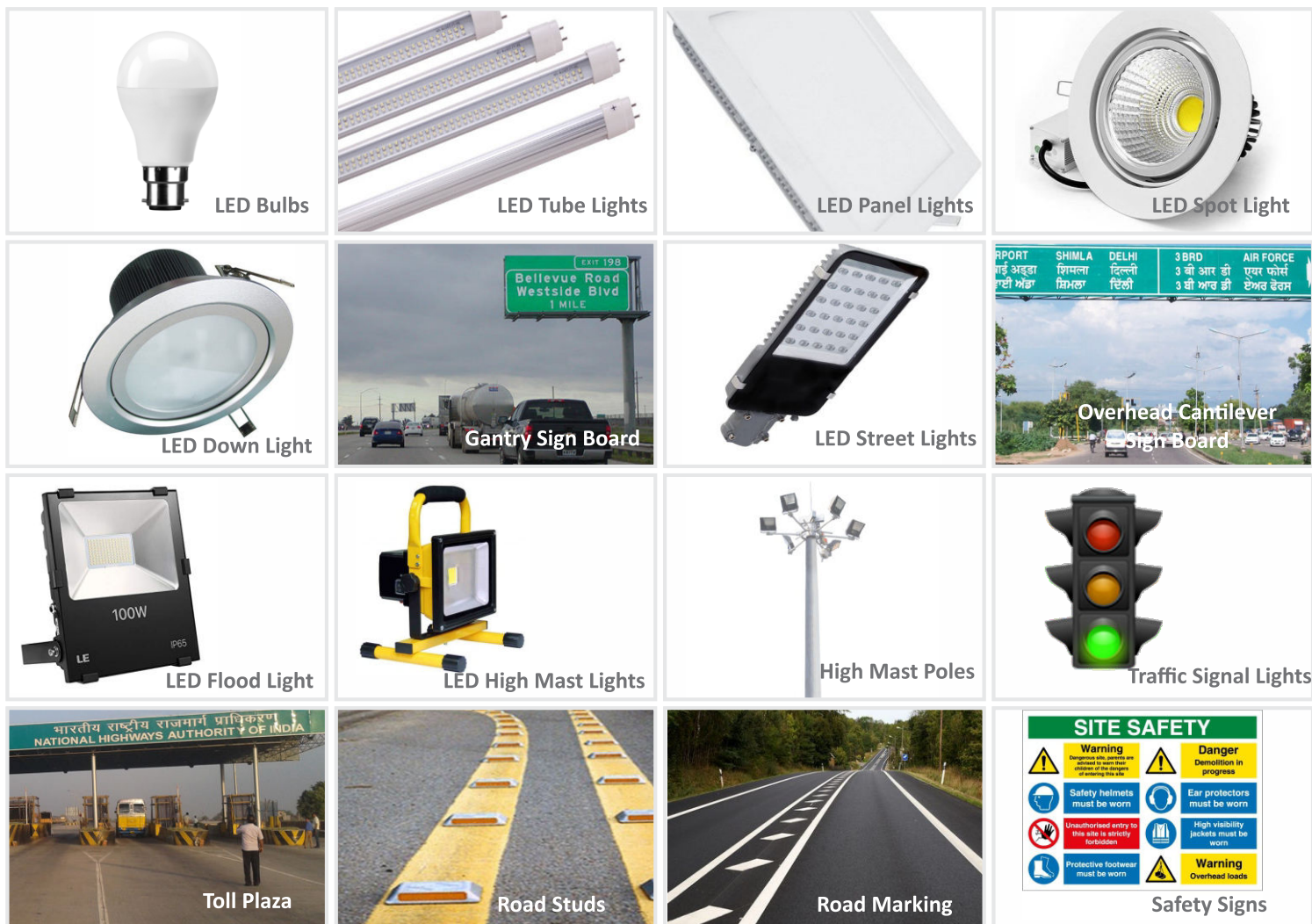
S Cubes has always built finest materials for the customers, our range of products and services speaks about their elaborate efficiency.

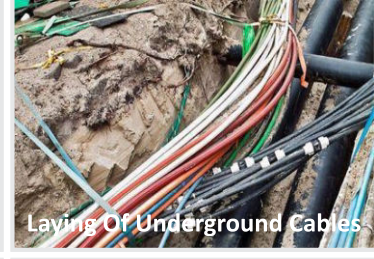
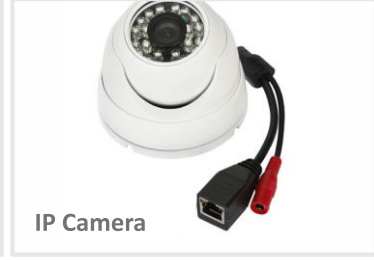
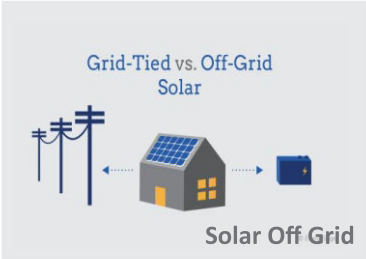
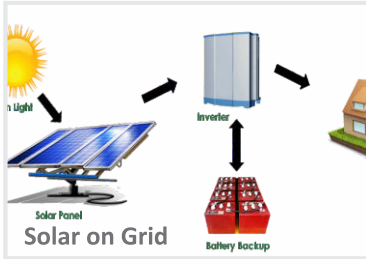
The Products

- ❖ Solar Power
- ❖ LED Manufacturers
- ❖ Electrical and Highway Products

The Services

- ❖ We are a turnkey solution provider, as we deliver the comprehensive range of solar power distribution
- ❖ Our in-house core team is technically accomplished with the complete know-how of the solar power systems.
- ❖ We conceptualise and implement the solar equipments to eventually power both residential and commercial setups.
- ❖ We are the manufacturers for various types of lighting systems which offers varied models for various industry needs. The product team is involved in evaluation, designing, monitoring, maintenance and system commissioning.
- ❖ We also undertake Annual Maintenance Contract (AMC)
- ❖ We become the much needed electrical contractor for all your specific electrical needs as we offer wide range of electrical services for both commercial and residential properties





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