



**COSMICVOLT, No 103, Sri Sai Vintage,
Harinagar Cross, Amruthnagar Main Road,
Konanakunte, Bengaluru 560108.**

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www.cosmicvolt.com



We are taking granted the natural resources gifted to us. Yes it's true, but if the same resources are used efficiently we can reap lot of benefits.

Objective

The objective of this proposal is to suggest stand alone solar power generating system to operate AC load.

Lot of establishments like Large Scale Industries, Small Scale Industries, Cottage Industries, Hotels, Shopping Malls, Hospitals, Educational Institutions, Agriculture, Households, Apartments are not using the abundant Solar Power that's available for free.

Introduction

This proposal is prepared for design, manufacture and installation of solar power generating system. The system also has capacity to export power to the Grid through net meter.

Cosmicvolt as a company helps you to en-cash this Everlasting natural resource. Cosmicvolt was started with a vision to deliver sustainable energy solutions for all with Solar Energy as our main focus.

We undertake two plans. **Apex** & **Resco** model.

Apex model is used wherever the user is ready to bare all the costing to put up this **Solar Power Station** on his own.

Resco models are for **Big Industries, Factories, Hostels, Hotels, Hospitals, Apartments.**

- 1) We take care of providing continues electric energy.
- 2) Utilize given space available to generate your monthly consumption.
- 3) Will use third party generation and feed you.

CosmicVolt will always use **Govt** recommended standard materials, Tier-1 Solar PV Panels, Solar Inverters, Optimizers wherever needed, DC-Cables, GI or Aluminium Structures, Earthing, Net-Meter, BESCOM liaising work.

The Cosmicvolt solar photovoltaic power generation system is mainly composed of Photovoltaic array, Optimizers, Micro-Inverters, Power conditioning unit /Charge controller & Inverter, Earthing & Lightning arrestor, Cabling, Mounting structure, and Net Meter





Poly Crystalline, Mono Crystalline, Half-Cut Mono, Bi-Facial PV Modules



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Photo Voltaic System can be built to meet your power need, no matter how small or big.

PCU hybrid power conditioning unit charges the battery through solar and as well as AC Mains based on setting in the system.

The **Inverter** or **Optimizers** converts the DC available from the array into an AC output. The output of the inverter is filtered to reduce the harmonics to an acceptable level (Less then 3%).

Electric **Switch Gears** refers to the combination of electrical disconnects, fuses and/or circuit breakers used to isolate electrical equipment's. Switch-gears ensure the trouble free isolation of the equipment's.

Grounding and **Lighting** Protection functional earth connection serves a purpose other than providing protection against electrical shock. Lighting protection is a very specialized form of grounding used tin an attempt to divert the huge currents from lightning strikes. A ground conductor on a lightning protection system is used to dissipate the strike into the earth.

Solar Cabling sourced from **Siechem**.

High **Anodized Aluminium** or **GI Structure**, min corrosion with min maintenance.

Net-Metering through which your electricity units are calculated by subtracting the numbers of units you feed back to the grid from the total units consumed from the Grid.





DO NOT FEAR THE
ELECTRIC **BILL**
WHEN THE SUN
IS AT YOUR **WILL**

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COSMICVOLT
SOLAR POWER ADVISOR
COSMICVOLT.COM@GMAIL.COM






Tired of Paying High Energy Bills. We have services like

RoofTop Solar Installation,
Farmland Power Plants,
Commercial Installation.



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COSMICVOLT

Solar Systems to Power your Homes or Business Houses

Large Scale Industries,
Small Scale Industries,
Cottage Industries, Hotels,
Shopping Malls, Hospitals,
Home Stay, Households,
Educational Institutions,
Agriculture, Apartments



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