

# Solar Energy

- Today's resource for a brighter

## Are you ready to go solar?

We make the process as easy as possible taking care of the design,  
Permitting, Installation, Monitoring and Rebates

- ✓ Lower Utility Bills
- ✓ Pollution free Energy
- ✓ Stable energy costs



We introduce **M/s Avyaya Technologies Pvt Ltd.**, a Bangalore based Solar Products Company involved in the following activities.

- Engineering, Procurement & Construction (EPC) of both Grid connected & Off-grid Solar Photovoltaic (PV) Power plants.
- Manufacturing of Solar LED Lighting products – Indoor & lightings works with conventional and solar energy sources under the brand name **“SAVITRU”**.

## WHY SOLAR??

**Karnataka Government** Provides an opportunity to its Electricity Consumers to Install Grid connected solar rooftop System. As per the Solar policy 2014-21 of Govt. of Karnataka, All ESCOMs in Karnataka has implemented the programme for installation of Grid connected Solar Rooftop PV system on the Rooftops of Residential/Commercial/Educational/Industrial Organizations in Karnataka to encourage generation of Solar Energy.

## Who are Eligible?

Under this program, the consumers can setup solar PV plants on rooftops of buildings of:

- Individual households
- Educational institutions
- Commercial establishments
- Industries etc.



## Capacity Limits of SRTPV:

- Capacity limit is from 1KWp to 1000 KWp.
- FROM 1 KWp to a 500 KWp (to those who avail subsidy.)
- There is no upper limit for generation of roof top applicant with an Installed Capacity of 1KW can generate up to 1MWp.

# What we do??

With Expert Engineers and consultancy services we do –

## ✓ Feasibility

- Site Visit & Site Selection: Proposed site Identification, Selection and Screening studies.
- Initial assessment of site energy resource
- Construction of geographic information / Shadow Analysis
- Identification of new technologies respect with PV Modules, Invertors, Mounting and Tracking Systems
- Project design and Initial Layout Design
- Preparation and Submission of Planning documentation



## The Solar Power Purchase Agreement Process



## ✓ Installation & Construction

- Project design
- Site management
- Electrical expertise
- Less liquidated damages

## ✓ Development Services

- Pre-contract Documentations
- Grid Connection applications & Optimisation
- Financial modelling including capital costs, Power purchase agreement.



## ✓ Maintenance

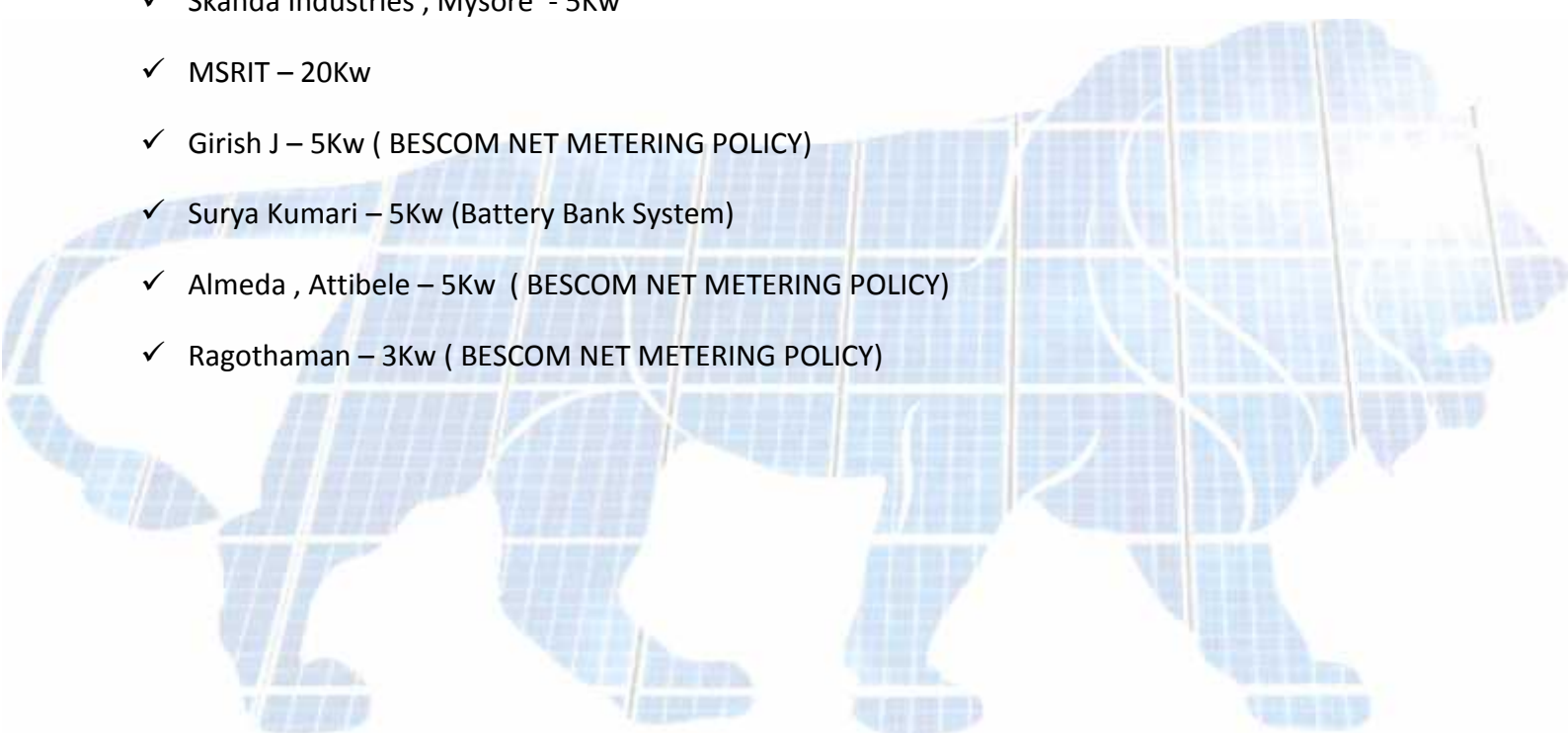
- Inspection and Monitoring
- Warranty and Contract management
- Site condition monitoring and analysis
- Site health & safety management.

## Our Strength

- ✓ Expert Engineers
- ✓ Well Equipped way to execute projects
- ✓ Dedicated Time-line
- ✓ Smooth and easy work flow

## Some of Our Installations:

- ✓ Nathan & Nathan Consultants, Bangalore - 10Kw
- ✓ Surya Prabha Food Products, Bangarpet, Kolar Dist. - 8Kw
- ✓ Skanda Industries , Mysore - 5Kw
- ✓ MSRIT – 20Kw
- ✓ Girish J – 5Kw ( BESCO NET METERING POLICY)
- ✓ Surya Kumari – 5Kw (Battery Bank System)
- ✓ Almeda , Attibele – 5Kw ( BESCO NET METERING POLICY)
- ✓ Ragothaman – 3Kw ( BESCO NET METERING POLICY)



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## Contact us:

### **AVYAYA TECHNOLOGIES PVT LTD.**

No.5, 1st Floor, 3rd Cross, 4th Main, 4th Stage, Rajajinagar Industrial Town, Bangalore – 560 044

Ph: +91 80 2310 3469/2310 0228 E-mail: [info@savitru.com](mailto:info@savitru.com) Website: [www.savitru.com](http://www.savitru.com)