

Su-Kam commissions 100kWp Grid Tie Solar Power Plant for State Bank Academy, Gurgaon

Gurgaon, July 01, 2015: Su-Kam Power Systems Limited, India's leading power back up solutions provider, has supplied, installed and commissioned a 100kWp solar power plant for the State Bank Academy/ Gurukul- A Staff Training Institute of State Bank in Sector 18 in Gurgaon, Haryana.

The state-of-the art 100kWp Grid tie solar Photovoltaic system on the rooftop of the SBA building will generate over 1,40,000 units of electricity/year thereby helping SBA to save approximately twelve lakh sixty thousand rupees (Rs 12,60,000) in electricity consumption annually! The entire system comprises one 50 KW, one 30 KW and two 10 KW Grid Tie String inverters fitted with 400 numbers of PV modules 250 watt each.

Speaking on the occasion, Mr. Devinder Kumar, CEO-Solar Projects, Su-Kam said, "We at Su-Kam realize that the future of the power industry in India is going to be driven by the renewable energy sector primarily dominated by solar energy. As part of our solar plan this fiscal, we are bullish in making solar power available to both the residential as well as commercial sector in Haryana. We are looking at making our solar presence felt in homes, offices, institutions like schools, colleges, government buildings, hospitals, commercial establishments etc. in the state."

Remote Monitoring

The solar plant has been fitted with unique sensors, like module temperature sensor, ambient temperature sensor and solar irradiation sensor that enables the customer to easily monitor the performance of the systems from time to time. These communication systems provide the required data to the customers to enable them to plan for preventive maintenance and corrective action for the problems encountered remotely. They also help to increase the life and efficiency of the systems.

The Su-Kam's team of engineers was responsible to draw out a detailed engineering analysis that enabled them to chart out the best system design to define the proposed structure and other system components as per the SBA (State Bank Academy) requirement. The Su-Kam solar installation team undertook the entire erection and commissioning process including system installation, system integration, civil work and power evacuation set-up.

Challenges:

The academy is spread across 11 acres of land and the buildings are 300-400 meters apart, so the team faced a lot of challenges in cable routing.

Another difficulty that they came across was that since it was a learning center, work had to be carried out with minimum noise during the day.

The team worked diligently and completed the project successfully in just 3 months.

All the components used for the system are best in class while meeting the strong quality and stringent norms as per the requirements of the system and SBA team. The project management team from Su-Kam ensured that the solar PV system was installed while meeting stringent quality, reliability and functional requirements.

About Su-Kam Power Systems

Su-Kam is India's most admired power solutions provider, with growing presence across India and over 70 countries worldwide covering the major expanse of Africa, Middle East Regions, South East Asia, Latin America etc. A truly knowledge driven company, with innovation at heart, Su-Kam develops intelligent power back-up solutions, engineered to be energy efficient and thus reduce the user's carbon footprint.

Headquartered in Gurgaon and with 6 state-of-the art manufacturing facilities certified under OHSAS – 18001, this ISO 9001 and ISO 14001 certified company leads the market with its product innovation, design sensibility and a large and widespread sales distribution network. The company has over 30000 dealerships in India.

Su-Kam is the only power back-up company to be recognized for its R & D by the Department of Science and Technology, New Delhi. The company is credited for filing the highest number of patents in the Industry with an average of 2 patents filed every month. The company has received several prestigious awards like Asia's Most Promising Brand 2013, Business Superbrand 2008, Selected Superbrand 2009, Powerbrand India 2010, and National Award for quality Product from Government of India etc.

Working further towards a cleaner, greener planet, Su-Kam is branching out towards eco-friendly inexhaustible energy solutions like solar power. For more information, please visit www.su-kam.com.
