

Hartek Solar launches customized rooftop solar kits

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Chandigarh, May 19, 2018: Solar power solutions provider Hartek Solar on Friday launched customised 5-10 kWp plug-and-play rooftop solar kits suitable for kanal houses, housing societies, nursing homes, small commercial establishments, hotels and micro, small and medium enterprises (MSMEs).

Founder-director Simarpreet Singh said the company plans to install at least 100 units in residential, commercial and industrial areas over the next six months, targeting the Tricity as well as industrial clusters in Ludhian ..

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The launch comes at a time when the Chandigarh administration has decided not to extend the deadline for installing solar plants in houses, commercial and industrial units beyond May 18, 2018.

The administration had made installation of rooftop solar power plants mandatory for houses and commercial and industrial units measuring 500 sq yards and above. "Around 1,000 applications have been received for solar rooftop installation against a capacity of 7,500 such building structures," Santosh Kumar, director, environment, science and technology and renewable energy of the Chandigarh administration, said. "Those who have not sought installation of solar rooftop plants in Chandigarh now face action for violation of building bylaws."

MEDIA CONTACT:

Banipreet

Sr. Executive Marcom

E: bani.preet@hartek.com

MEDIA CONTACT:

Amardeep Singh Tiwana

Group Head Northern Estates

E: amardeep@adfactorspr.com

Harkek Group is looking at the potential for growth in the rooftop market in the country. Singh said these plug-and-play kits, which will cater to both gross metering and net metering consumers, promise to be a game changer in driving the demand for rooftop solar owing to the advantages they offer. Not only do these solar kits offer lower labour and maintenance costs on account of the optimised design, their non-invasive structure with roof protection pads also rules out any damage to reinforced cement concrete (RCC) roofs, he said. Moreover, the per unit generation cost from solar works out to be less than half as compared with diesel gensets.

Best suited for 1-kanal houses, a typical 5-kWp solar kit can produce 20 units of electricity every day, which is enough to run 10 fans, three laptops, three television sets, one air-conditioner, one refrigerator, 10 CFL and 10 LED bulbs and even a microwave oven and a 1-Hp water pump.

Hartek Group chairman Hartek Singh said, “We are going all out to tap the small-scale solar market by adopting a cluster-based approach to reach out to end consumers. Besides approaching commercial establishments and medical, hotel and restaurant associations, we will also be conducting door-to-door campaigns to draw on the residential category.”

There are 1.75 lakh electricity consumers in the domestic category in Chandigarh. While shortage of space in the city is a major constraint, the adoption of rooftop solar in the residential category can make all the difference, he said.

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