

Wagh Bakri goes for rooftop solar at its Dholka facility

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Moving a step closer to reducing its carbon footprint, the tea maker Wagh Bakri Group adopted rooftop solar power generation for its manufacturing facility at Dholka. The project, with capacity of 125 kW was installed with an investment of ₹1 crore, the company said.

Provisions have been made for an estimated 417 solar panels, each capable of generating 300 Watts per day and combined generation of 1.90 lakh units per year.

"This will meet about 20 per cent of our energy requirement of about one million units per annum. In its entire life cycle of about 25 years, the project will generate about 5 million units thereby reducing the carbon dioxide emission to the extent of 2,225 tonnes," said Parag Desai, Executive Director, Wagh Bakri Tea.

The solar photo-voltaic (PV) panels are Germanmade and supplied by Topsun Energy Ltd based in Mehsana. The project has six inverters of 20 kW and one of 5kW.

The project utilises the poly crystalline solar cell technology, has sourced Agrade solar cells from Solartech, Taiwan and the inverters are from KACO, Germany.