



Quick Facts

- ▶ Location – Bangalore
- ▶ Capacity – 2 MWp
- ▶ Type of System – Grid-connected open access solar park
- ▶ Annual reduction in energy bills – INR 80 lacs
- ▶ Carbon Dioxide abated – 2832 tons of CO₂ per annum
- ▶ Date of Commissioning – August 2016

Overview

Mindtree, a Bangalore based leading IT company fulfilled their dream of adopting solar energy and collaborated with CleanMax Solar for 2 MWp from its 30 MWp solar farm in Karnataka. The 30 MWp plant has been developed under the New Open Access Policy by the Karnataka Government and is located in Tumkur district.

The power supply started in the month of August 2016, and Mindtree saves more than INR 80 lakhs annually. The plant satisfies roughly 75% of the power requirement at their Whitefield campus. In addition to substantially contributing to the cost-effectiveness, the plant also helps in reducing 2832 tons of carbon footprint annually.

Highlights

- One of the first few offtakers from Karnataka’s first solar park for corporate India of 30 MWp
- Plant meets roughly over 75 % of energy demands
- Mindtree could switch to solar power for a significant portion of their energy, with zero investment at a significant discount to grid tariffs

Challenges

Availability of rooftop area:

When Mindtree was evaluating the ways it could go green, space available at site for new solar installation was a challenge. Commercial buildings such as Mindtree’s IT complexes, typically have limited roof space for onsite solar power plants to satisfy their significant energy demand. For companies like Mindtree with an interest in furthering their sustainability through solar power, a

regulatory environment like Karnataka's is attractive, as it establishes long-term certainty for both generators and off-takers of power and thereby facilitates the long-term contracts needed to finance solar projects.

Lack of clarity on net metering:

Because Mindtree was one of the first few off-takers under the new KERC Policy, there was a little clarity on net metering and adjustment of units sent back to the grid.

Solution

No space, still significantly green:

Despite having no space at their IT campus, Mindtree was able to offset 75% of their power to a cleaner solar power and abate 2832 tons of CO2 annually without disrupting their business practices.

Favorable open access policy by Government of Karnataka:

The banking and wheeling charges applicable to power is about INR 1.5 – 2 per unit in Karnataka. As per the New Open Access Policy by Government of Karnataka, these have been exempted for solar power for the next 10 years. Exemption of these charges enables developers like CleanMax Solar to provide solar power at competitive rates; passing on the cost competitiveness to the consumers, like Mindtree

About CleanMax Solar

CleanMax Solar is India's leading solar developer providing solar energy solutions to corporates. Since 2011, the company has successfully installed more than 350+ projects for over 120+ corporates, with a combined capacity of 500 MW between onsite solar plants and solar farms. It has been recognised by the Ministry of New & Renewable Energy (Govt. of India) with National Excellency Awards for the Rooftop solar developer and Rooftop solar EPC player in the country.

About Mindtree Limited

Mindtree Limited is an Indian multinational information technology and outsourcing company headquartered in Bengaluru, India and New Jersey, USA. The company deals in e-commerce, mobile applications, cloud computing, digital transformation, data analytics, EAI and ERP, with more than 328 clients and 43 offices in over 17 countries. Its largest operations are in India and major markets are the United States and Europe.