



SunGarner®



CASE STUDY

SunGarner Energies Empowers Jubilant Life Sciences Ltd. with cutting-edge solar solutions, helping them adopt eco-friendly practices.

Company Profile:

Jubilant Life Sciences Ltd., recently re-named as Jubilant Pharma, is a global pharmaceutical and life sciences company with a comprehensive portfolio that includes Active Pharmaceutical Ingredients (APIs), Solid Dosage Formulations, Radiopharmaceuticals, Allergy Therapy Products, and Life Science Ingredients. As an integrated entity, Jubilant Pharma is dedicated to innovation and sustainability, operating across the globe with a focus on enhancing patient outcomes and advancing life sciences.



Project Overview

Location: Sector-16, Noida (45 kWp)+ R&D Facility, Greater Noida (60 kWp)

Commissioning Date: November 2015

Project Type: Captive In-House Consumption

Total Installed Capacity: 105 kW

Number of Inverters Installed: 4

Inverter Replacements: 1 (over 9 years)

Energy Generation & Savings

Since the commissioning of the solar power plants in November 2015, Jubilant Life Sciences Ltd. has generated a total of 892,500 kVAh of electricity from its solar installations at the Noida and Greater Noida sites. This substantial energy production has resulted in significant cost savings, totaling approximately INR 1.8 Crs over the 9-year period.

System Performance and Maintenance

The solar power plant installations at Jubilant Life Sciences have generally shown reliable performance. Over the course of 9 years, only one inverter required replacement, indicating robust system design and effective maintenance protocols. The longevity of the inverters and the overall system efficiency underscore the project's success in achieving long-term operational stability.

Project Impact

The adoption of solar power by Jubilant Life Sciences Ltd. highlights the company's commitment to sustainable practices and energy efficiency. By leveraging solar energy for its in-house consumption, the company has significantly reduced its reliance on non-renewable energy sources, thereby lowering its carbon footprint. The financial savings realised from the project further emphasise the economic viability of such green energy initiatives.

This project has not only contributed to Jubilant's environmental objectives but also serves as a model for other pharmaceutical and life sciences companies aiming to integrate renewable energy into their operations.

Environmental Effect: Carbon Neutral Index



**Reduction in Greenhouse
Gas Emissions**



**Reduction of Water Usage:
Conserve Natural Resources**



**Mitigation of
Fossil Fuel Dependence**



**Decreased
Air Pollution**

Conclusion

Jubilant Life Sciences Ltd.'s investment in solar power at its Noida and Greater Noida facilities demonstrates the benefits of adopting renewable energy for industrial and research purposes. The project's success, marked by substantial energy generation, financial savings, and minimal maintenance issues, reinforces Jubilant's leadership in sustainability within the pharmaceutical and life sciences sector. This case study exemplifies the potential for solar energy to play a key role in achieving corporate sustainability goals.

About SunGarner

SunGarner Energies Ltd, is the Leading Power Products Manufacturer and Solar Solution Provider since 2015. In 2017 SunGarner Established its First Solar Inverter Manufacturing Unit at Greater Noida India, Subsequently SunGarner diversified itself into Energy Storage and Solar Panels.

SunGarner has executed more than 100 Large Solar Grid tied Projects Ranging from 50kWp to 2MWP in India and Abroad. SunGarner inverters has been supplied in 26 States of India from Leh to Tamil Nadu in an Span of 6 years. While Internationally, SunGarner is Exporting to 7 countries.

To provide our Better Reach of Products to our Retail Clients, SunGarner Started www.seltrik.com which is also backed by Physical Stores for Better Service Supports.