

CASE STUDY

Greener Horizons: Building a Sustainable Supply Chain Through Renewable-Powered Warehousing

Overview

In alignment with our commitment to environmental stewardship and sustainable logistics, the International Shipping Support Team has partnered with a warehouse agency that operates on renewable energy i.e., leveraging solar to drive green transformation across our international logistics network. This initiation has laid the groundwork for future expansion across the logistics network.



Key Outcome and Impact

- Reduced Greenhouse Gas Emissions: Minimizing reliance on fossil fuels through renewable energy adoption.
- Installed a 525-kW solar plant to fully power warehouse operations, reducing carbon footprint and reliance on non-renewable sources
- Upgraded all warehouse lighting to LED, achieving up to 50% savings in electricity consumption and reduced heat emissions
- Transitioned 105 logistics vehicles to operate on 20% biodiesel, lowering fossil fuel dependency
- Installed catalytic fuel activators in vehicles to enhance combustion efficiency and reduce emissions
- Achieved substantial cost savings through clean energy use and energy-efficient infrastructure
- Enhanced stakeholder trust and brand value by demonstrating leadership in renewable integration and green logistics

Conclusion

This green energy initiative represents a significant leap forward in JB Pharma's journey toward sustainable logistics. By integrating solar energy into our warehousing operations, we are not only reducing our environmental footprint but also building long-term resilience against rising energy costs.