Godrej Coliseum Case Study

Located in the sub-urban Sion East area of the bustling city of Mumbai, Godrej Coliseum is a magnificently built commercial complex offering retail and office spaces. Businesses like shipping, auto, pharmaceuticals, BPOs and telecom operate in the complex. The building is situated amidst a fairly upcoming residential area and naturally sees a generous footfall of shoppers every day, usually walking in with their families. Spread across 83 million sq. ft, the complex has amenities such as escalators, car parking, beautiful landscaping, advanced security, 24/7 water supply, car parking and adequate fire-fighting systems.

As expected, the complex is a guzzler of energy and had to be powered with nothing short of a highly reliable and uninterrupted source of electricity. It was VEMC's reliability and experience that Godrej turned to, and handed over this mammoth 90 kWp project. We were especially expected to ensure that the critical amenities of the building such as lifts, lights and pump loads are kept running uninterrupted. These form the backbone for the smooth functioning of the complex and are also essential for the convenient mobility of the public through it.

The project involved a lot of pre-planning, in that the maps of the electric fittings were thoroughly studied to avoid faulty or redundant wiring. To ensure our work caused minimal disruption in business, we closely coordinated with the client with regard to the vehicle entry and exit, working hours, storage areas, documentary support and other project management matters. We were also mindful of the prevailing DISCOM standards to avoid reworking our designs in case of any issues later. A pre-installation bill of quantities and design approval was issued to the client to provide an estimate of the expenses. Efficient supply chain management and properly scheduled delivery of critical components were imperative for our project management team to keep the project on track, meet deadlines and finish within the predetermined time-horizon. Finally, for the purpose of Net Metering, we coordinated with the DISCOM so that the surplus electricity that would be exported by the solar system of the complex would be offset against the imported electricity from the grid.

The project used mono-crystalline solar modules and inverters of Delta make with a total capacity of 75 kW. Throughout the project, we had the safety of the workers and the fragile equipment in mind and used proper equipment like PPEs, cut-resistant gloves and unloading tools, to handle the equipment.

Our post-installation feedback revealed that the client had savings of upto 1.2 lakh units of electricity or around savings of Rs 12 lakh annually from this system.

For assistance to decide on the solar panel that suits your needs the best, feel free to contact us on +919819907445. We would be happy to assist you in finding the best match based on your

requirements. As one of India's upcoming solar EPC companies, having 72 years of market experience, VEMC provides end-to-end solar services to its clients.