Adding New Energy To Telecom Infrastructure

NUMERIC
A Group brand | legrand

NEW ENERGY TO POWER

At a glance

The Sikkim Government Telecom Department embarked on a mission-critical project to establish a robust Telecom & IT infrastructure along the challenging terrain of the Indo-China Border. With a strict timeline of just 3 months, the project demanded a power backup solution that was not only reliable but also seamlessly integrated into the outdoor kiosks.

The Challenge

The rugged terrains of the Indo-China Border posed numerous hurdles, particularly in terms of ensuring uninterrupted power supply in remote regions due to the outdoor setup, regular maintenance, and accessibility. The harsh environmental conditions, coupled with challenging terrains and spatial constraints, made it difficult to maintain and monitor the outdoor kiosks that host vital equipment such as Telecommunication and IT systems, UPS units, and batteries. To address these issues, our client sought a resilient solution that could ensure uninterrupted power flow despite these challenges. Remote monitoring and proactive maintenance played a crucial role in overcoming these obstacles, allowing for efficient management and upkeep of the equipment without the need for frequent physical visits to these difficult-to-reach areas.

Our Solution

To meet this challenge, we provided Premius single phase UPS with the power of one advantage, customized to the specific needs of the project. Our UPS systems were equipped with advanced SNMP features, including remote monitoring software and an isolation transformer with a 3-hour backup time. The integration of these features not only ensured a continuous power supply but also led to substantial cost savings by minimizing data loss recovery expenses. This demonstrated our commitment to delivering efficient and reliable power solutions tailored to our clients' unique requirements.

Achievement

Our customized Premius UPS solution provided enhanced reliability and uptime for critical infrastructure, enabling seamless communication and operations in challenging environments. The integration of SNMP cards and remote monitoring software allowed the client to maintain unmanned operation of outdoor kiosks, optimizing operational expenditure and ensuring continuous functionality even in remote locations. Despite the hilly terrain and ambient temperature challenges, our UPS systems demonstrated energy efficiency and optimal power utilization, ensuring consistent performance in adverse conditions.

Copyright © 2025 | Numeric | All Rights Reserved