

ENERGY MANAGEMENT, OPTIMIZATION, AND SUSTAINABILITY

Power Consumption Metering and Predictive Analysis



Power Metering Trending, Analysis, and Reporting

Strategically locate power meters to analyze building energy consumption. Aggregate HVAC, lighting, receptacles for complete visibility. Create baselines, make improvements, validate results. Predict peak demands days or weeks in advance.

High Efficiency Uninterruptible Power Supplies (UPSs)



High Efficiency UPS Systems

Existing UPS systems are notoriously oversized and operating in the lowest spots in their efficiency curves. Right-sizing with today's generation of Vertiv's high efficiency dual conversions UPS systems can save considerable costs of operation.

Reduction of Penalty Loss Power Consumption – Harmonic Mitigation



Harmonic Mitigating and Ultra-High Efficiency Transformers

The way in which all connected loads react with the power distribution infrastructure when they consume power can lead to hidden excess costs/losses, inefficient operation, and increased emissions. PQ anomalies can consume excess capacity and lead to accelerated equipment aging. Harmonic mitigation addresses one very common anomaly.

Power Factor Correction



Auto PF Cap Bank Harmonics & Auto PF Correction

Beyond lowering your facility's electricity bills and avoiding reactive power fees, increasing your facility's power factor also reduces carbon emissions, reduces I²R losses in transformers and electrical distribution equipment, and reduces heat in cables, switchgear, transformers and alternators which can prolong the lifespan of equipment.

Eco-Friendly Battery Technology



Sodium-Ion BluePak 48V Sodium Ion Battery Tray

Batteries can contain toxic materials, rare earth elements, or conflict minerals. They can also pose a significant fire risk. Not Natron Energy's Sodium Ion technology. Natron delivers high power and cycle life, without these compromises.

Electric Vehicle Infrastructure



Fleet/Multi Unit EV Charging Commercial EV Charging

Blink provides state-of-the-art EV charging infrastructure, as well as flexible business models for host locations, allowing any location to be turned into an EV charging destination.



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