

The Dollar Guzzler . Traditional industries comprise an extremely wide segment of the global market. Ranging from mining through oil production and refining and all types of manufacturing, this sector is by far the global leader of electricity consumption .. With energy consumption and spending being such a key factor of costs, the need of efficiency and conservation is high and ...

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Solutions: SATEC's Expertpower energy management suite manages all clients and bills on one platform, enabling quick update and sync with ERP systems. See Expertpower EMS. B. Surcharge management. Every user has a unique profile of energy spending, affected by the different electrical appliances in use and peak consumption. This involves, for ...

Stay informed with SATEC's News & Events page, featuring the latest developments, products, and innovative solutions in energy management. ... SATEC is looking to expand its global partner network. Would you like to work with us? Application Note Disturbance Direction Detection.

Global Korea Scholarship 2025-2026 also known as Korean Government Scholarship is a fully funded scholarship for international students. This scholarship is available for undergraduate, masters and PhD studies and provides full free tuition support, monthly living allowance, on-campus housing, medical coverage and relocation support.

SATEC's offer for reaching such optimization includes a unique implementation of its high-end metering equipment, with a special emphasis on multi-circuit meters, and the Expertpower Energy Management software suite. The two together enable online energy monitoring, alerting to irregular consumption and reflecting system efficiency. ...

SATEC Total Solution ??? ?? ???? ??? ???? ??? ???? ?? ??? ????? Project ?? ?? ?? ???? ?? ???? ??? ???? Interface ? ??? ...

SATEC has cultivated a special relationship with the electrical utility sector around the world. Their ever-evolving needs and requirements continuously challenge us and prompt us to keep on top of the game. On the national level, and often on an international level as well, the significance of reliable power monitoring implicates a reliable ...

SATEC's ExpertPower Offers Performance Tools ? Municipal Utilities and Electric Coops. Software platform

delivers IOU-level capabilities at a price/performance level optimized for municipal utilities and rural electric coops (RECs); provides ...

When Prof. Branover founded SATEC back in 1987, his vision for it went beyond creating a profitable business for pioneering power analysis. His focus was on providing employment for a wave of immigrants who were about to flock from the former Soviet Union to Israel in the early 1990s and of whom many were highly educated engineers.

The SATEC PMU is a unique product. It is implemented as an add-on card for the PM180, together with other functionalities, such as power quality monitoring and fault recording, making it highly cost-effective. It communicates with 3rd party Phasor Data Concentrators, an important WAMS component in itself, enabling versatility.

We at SATEC pay special attention to the quality and reliability of our products by a thorough verification of each product and system at every stage of the products' lifetime. SATEC is committed to uncompromising compliance with the highest requirements in the energy field. Our devices comply with the most demanding international standards ...

SATEC caters to these unique challenges. Please read our detailed white paper discussing SATEC's approach to renewables and see below our solutions per aspect / challenge: DC metering; ROI/revenue optimization; Malfunction alerting; Frequency monitoring; Power-reverse relay; Check-meter;

The PM130 is a multifunctional three-phase power meter. Featuring versatile I/O options, communication ports and protocols, it is ideal for integration in utility substations or industrial SCADA systems.

The BFM II now features an extra 3-phase voltage input module, allowing users to monitor two independent power sources with one device. This can be extremely handy in the case of a two-transformer substation, or an alternative power/voltage source, such as a renewable energy source. For further information on the feature and suggested applications, see publication below.

Lorem ipsum. Our software packages complete our product line, offering a total solution for your power system. SATEC's on-line service, eXpertpower, collects, archives and analyses energy and power quality data. eXpertpower allows multiple users to view data, create automated billing, produce sophisticated reports and implement energy.

Based on the SATEC PRO meter, this solution makes use of Hall Effect Sensors, attaining remarkable accuracy. It is suitable for a wide range of DC voltage and current measurement: up to 4,000A and 2,000V DC. For further details, ...

A Phasor Measurement Unit, or PMU for short, is the essential building block in the platform called Wide Area Monitoring System (WAMS). These systems were developed to provide an overall real-time health

check of nation-wide transmission grids, predicting and helping to prevent power failures, analyzing those which did take place.

SATEC Adds Digital Fault Monitoring to its BFM-II Branch Feeder Monitor BFM-II - a field-proven, simple to install and cost-effective upgrade for outdated substation gear; new Digital Fault Recording (DFR) functionality enhances the ...

Portable (Class A, Ed. 3) PQ Analyzer. The EDL180 is a portable version of the Class A (Edition 3) PM180 power quality analyzer, which holds extensive track record serving as the platform for power quality monitoring systems in worldwide national grids. Equipped with a 24V battery for backup power supply and flexible current clamps, it is fitted in a lightweight traveling bag for ...

For over a decade SATEC has pioneered the implementation of this advanced communication protocol, starting with its flagship, the PM180 power quality analyzer. Ever since, SATEC has set the goal of implementing IEC 61850 in its leading products, new releases, as well as legacy products. See below SATEC products featuring IEC 61850.

The PRO PQ marks a breakthrough in SATEC's line of power quality analyzers. Adding to our familiar features of precision PQ analysis, the PRO Analyzer offers: Class A, Ed. 3.1, per IEC 61000-4-30; EN50160 reports; 0.0001 Hz resolution; 16GB on-board memory; Dual Port ETH;

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