

Discover SATEC's Industrial Users, an energy management solutions for optimal performance and sustainability. Dive into how Industrial Users can transform your energy management. ... Ranging from mining through oil production and refining and all types of manufacturing, this sector is by far the global leader of electricity consumption .

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. VRM ...

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For over 35 years now, prominent global utilities and industrial leaders have made SATEC their go-to choice, for both off-the-shelf and bespoke solutions, for telemetry and energy management, working together with us on product design. SATEC designs, develops and manufactures in-house its full range of products, hardware and software alike.

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 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;

SATEC has now officially launched a solution for Direct Current metering, based on the SATEC PRO meter, using Hall Sensors. This application is suitable for a wide range of DC voltage and current measurement: up to 3,000A DC / ...

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 3 rd party Phasor Data Concentrators, an important WAMS component in itself, enabling versatility.

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



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

SATEC's unique solutions for Renewable Energy Management. PM180 DFR/PMU. SATEC wins tender for national DFR/PMU platform. Steel Corp. Saves \$\$\$ SATEC EMS Saves Steel Corporation US\$10 Million Annually. \$30K in Utility Refund. ...

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 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 BFM-II's substation monitoring capabilities.

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.

With Battery Energy Storage Systems (BESS) becoming an important component in the modern electric network, Taipower sought to employ BESS as a solution for balancing distribution networks' supply and demand, indicated by rising and falling frequency.

Expert Power/SATEC does not knowingly collect personal data from minors or allow them to register. If it comes to our attention that we have collected personal data from a minor, we may delete this information without notice. If you have reason to believe that this has occurred, please contact us at satec@satec-global

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 ...

SATEC's DC metering solution is highly accurate and functionally versatile. The PRO Series. The PM130. Utilizing shunt resistors, the PM130 offers a basic cost-effective DC metering solution, suitable for retrofit installation in facilities where the shunts are already in place. This is the case quite often in the telecom market.

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 ...



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SATEC is a developer and manufacturer of specialty solutions for power measurement and power quality monitoring. The company's range of products includes traditional 3-phase power meters for real-time power measurement and data-logging, revenue meters (electricity meters), power quality analyzers and a software suite for energy management and billing. With headquarters in Jerusalem, Israel and subsidiaries in Union, New Jersey and in PRC, SATEC...

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