

Energy efficiency in practice

Green Technologies was established to assess the negative impact that the inefficient use of power has on our environment. They do this by looking at the latest technologies and trends in the market place and adapt these innovations to suit the needs of the South African market.

Green Technologies' philosophy is to ensure that all their products make commercial sense so that both the private and public sector making use of the products we offer are able to see the positive monetary impact of using energy more efficiently. The research, development and strategic relationships of the company span from Europe to America, keeping them in touch with innovations and advancements in the green technology industry.



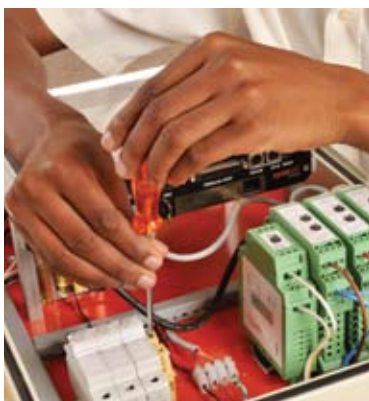
By questioning why "going green" or "being efficient" means incurring an expense, Green Technologies aims to provide the best energy efficiency products to their clients that offer returns. For more information on Green Technologies solutions, contact shalin.govender@nys.co.za.

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Advanced Metering Infrastructure AMI for effective energy efficiency

Advanced Metering Infrastructure AMI is a complete two-way data communication system for automatic meter reading (AMR) that uses low voltage power line grid as the medium (known as PLC technology).



ROBUST, RELIABLE DATA

Designed to meet International Standards, it provides robust and reliable data communication by using low speed, error detection and error correction techniques.

GREEN TECHNOLOGIES PROVIDES THE THREE COMPONENTS REQUIRED TO BUILD THIS AMR SYSTEM:

Digital AMR electricity meter [MTC 1000/SP]:

Replaces the old mechanical electricity meter. This hi-tech meter is a complete energy recorder, with built-in power line modem for data communication (PLM).

Data concentrator [DTC-1000]:

This data concentrator is installed in every distribution transformer, providing a communication bridge between the electricity company and every meter connected to the distribution transformer.

Data server [STC-1000]:

Installed in the electricity company's office. Provides user-friendly access to all DTCs and MTCs equipments, with built-in SQL database server for easy integration of existing management and accounting software. Access instant and real-time valuable information

WITH JUST A CLICK...

With just a click, you have access to demand profile, maximum demand analysis, technical and non-technical losses analysis, QoS, remote control and monitoring (cut off the energy, read any electrical parameter), and remote reconfiguration of any parameter (multi-tariff, setup prepaid mode, load control, alarms) of any meter.

GreenTechnologies
where power conservation meets innovation



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and efficiency, contact
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