powerlink
YOUR ENERGY ONLINE

HANLEY ENERGY
TRUSTED ENERGY PARTNERS

Get essential energy information for each area of your building with a simple metering solution. **For small to medium businesses, commercial and non-critical industrial buildings.**

"As Energy Manager for the organisation, I need a robust system that can gather, aggregate, track, and clearly display energy trends and reports for all areas of my building. This system should allow me to swiftly identify areas where corrective actions could help decrease my building's energy usage, waste and spend". **Energy Manager, Pharmaceutical & Life Sciences Leader**

The solution

We install meters and data-logger in strategic locations, which provides information to a user's computer or device via user login to Powerlink, the cloud-based consumption-tracking software. Powerlink software is the most simplistic way to improve your building's energy efficiency. It is also the perfect foundation for upgrading to more sophisticated energy and power control systems at a later stage. **The core of the system** is the WMU data logger (Web Monitoring Unit) which picks up metering data from energy meters and flow meters. It grabs, aggregates and transmits the data to the easy-to-use web browser interface which generates the necessary management information, dashboards and displays curves, trends and reports in real time. Manual, scheduled or event-triggered reports are configured to send to admin or core users via email.
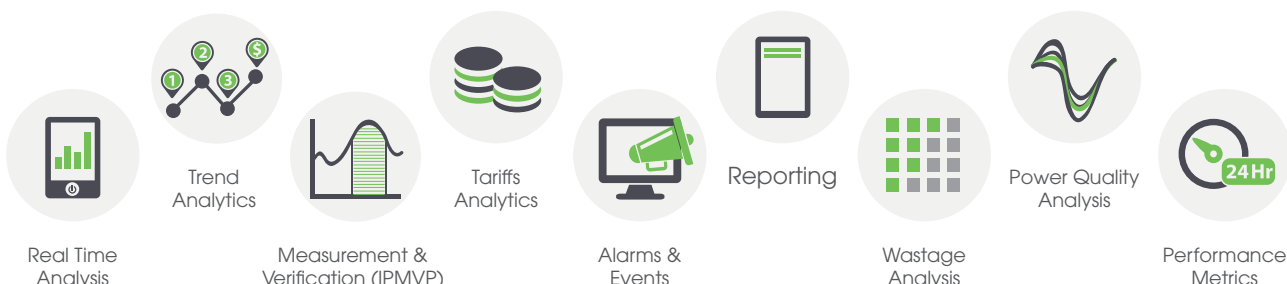
The WMU data logger displays information on all WAGES (water, air, gas, electricity and steam) consumption for each production line or building unit, develops ratios and analysis showing each machine's/area's consumption.

These are part of a downloadable metering database for in-depth analysis, environmental records or management reports.

The solution can help detect problems like equipment left on, overrides, flow leakages and then provides preconfigured indicators at intervals or on demand. Additional functions are also available, including an alarm generator for maximum energy consumption overruns and thresholds, power faults, abnormal consumption cycles and a controller for load shedding, automatic shutdown, and override limitation.

Powerlink's user friendly & intuitive features

hanleyenergy.com

Real Time Analysis	Trend Analytics	Measurement & Verification (IPMVP)	Tariffs Analytics	Alarms & Events	Reporting	Wastage Analysis	Power Quality Analysis	Performance Metrics

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15 benefits of using this solution
to **improve energy efficiency**

Benefits for the organisation

- Metering can reduce energy consumption by up to 25% by raising users' awareness of consumption habits

- Demonstrated client savings of up to 30% (over a 5 yr period) with a ROI on basic installation within the first year

- Strategic metering to detect energy saving opportunities, reduce operational costs, automate key analytic and reporting

- Easiest way to track consumption and identifying energy misuse

- Cost effectiveness: small initial rollout. Can be scaled up later with additional meters.

- Seamless gateway for integration with any existing meters, sensors & data systems

- Reduced energy costs by avoiding higher utility contract fees through tariff calculator, demand response curtailment programs

- Can be used in some instances for sub-billing and cost allocation

Benefits for the operator

- Easy to install, expand in phases and retrofit in existing buildings

- Remote measurement, regardless of International location and lets you centrally manage many buildings energy use online

- User friendly, easy to navigate software

- Web based for easy implementation; no workstation required

- Less time spent on site and supplier call-outs: remote alarm and operation.

- Powerful customization capabilities. Implement additional control functions if/when required.

- Highly scalable system for maximum cost-effectiveness and organisation growth.

Industries Serviced

Packaging

Brewing

Pharma

Automotive

Meat

Dairy

Plastics

Commercial Building