

## Services

- ❏ Energy management
- ❏ Energy audits
- ❏ Energy procurement
- ❏ Peak load management
- ❏ Feasibility studies

## Products

- ❏ Energy management systems
- ❏ Backpressure steam turbines
- ❏ Motor Efficiency Controllers
- ❏ Power quality systems
- ❏ Intelligent lighting

# Energy Management



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enresco  
from green to gold

Enresco is an energy expert bringing together the expertise of an Australian engineering group and its international partners to provide a fully integrated solution to resource energy management



EnergyICT is a global leader in smart metering and smart grids providing highly advanced Energy Information and Communication Technology solutions



Integrated Automation is an expert in process information and control, they design, deliver and maintain control systems that automate processes in factories and buildings



Energent is an R&D company creating a new paradigm of energy production – exploiting the huge resource of lost energy to produce useful power and products for society.



Adicon is a solution provider servicing industrial & commercial customers to evaluate, install and commission automation equipment, drives, controls and network products.

**Over the years the companies that conform Enresco have successfully provided monitoring and energy management solutions for some of the largest glass, steel and paper manufacturers in the world.**

**Demand side management - Steel manufacturer**

Developed a load control system to manage energy consumption in order to minimize operational costs. The system monitors and displays spot market forecasted next trading period price (half-hour) and 5-minute pre-dispatch prices, monitor and display actual power usage at each of the main production areas within the site and provides a mechanism for warning and then load shedding each of the production areas if predetermined energy prices are exceeded.

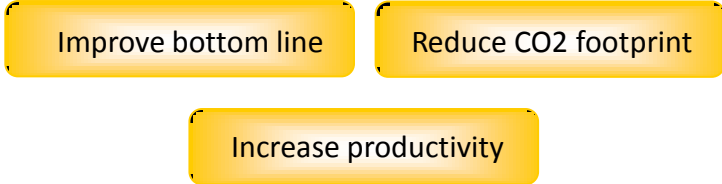
**Energy management system - Glass manufacturer**

Developed for one of the world largest glass bottle manufacturers, a data collection system that included an OPC interface to read field data from a number of devices at set rates, an SQL Server database schema suitable for recording the OPC sourced data, designed to maximise the data access, and a WEB based user interface for reporting summary and line specific data in the format requested.

**Onsite generation - Cables manufacturer**

Provided an onsite generation solution to address power supply issues that were causing significant economic losses to the plant. The solution included a fully online, dual-conversion, UPS for short duration protection with zero change over time a high reliability standby 900kva diesel generator to provide medium to long duration standby power an automatic transfer switch to allow power to be switched from a failed mains circuit to the generator circuit.

Our energy management services and business model give energy users the ability to considerably decrease their total energy costs as well as introduce and maintain continuous enterprise wide energy efficiencies across all types of industrial processes and facilities without the need of large capital investments.

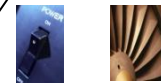


Energy efficiency needs to be managed in the same way as we have come to understand the management of quality. However as a manufacturer saving energy is not your core business and inevitably your focus on production will tend to prevail over your focus on energy efficiency. Enresco provides energy services that keep you on track to get the efficiencies you need

**5. Energy contract negotiation**



**4. Cogeneration and load control**



**3. Project management, design & equipment supply**



**2. Financial and engineering analysis**



**1. Metering & monitoring**

