



optimising business energy

# ENERGY MANAGER™



Three Clicks Away From  
 Smarter Energy Decisions



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# ENERGY MANAGER™

## The simple way to control energy costs.

EFT Energy Manager™ is the result of over a decade of research and hard work to develop the perfect energy management tool.

If your business is not monitoring its utility costs properly it could be costing you thousands. Our mission for over 10 years has remained constant; to **optimise our clients business energy needs**. With Energy Manager™ your business can cut out energy wastage, increasing your profits.

Energy Manager™ empowers companies to easily monitor and reduce wastage across all utilities and help reduce its environmental footprint. Companies using this simple but powerful energy management solution have seen significant savings, in some cases up to 20% or more.

### Powerful Simplicity

Making things simple, yet smarter is always challenging.

Through our continuous holistic cycle, we make it easy for people to use Energy Manager™, making it the most compelling system available. For your company, this means less time analysing, and more time implementing substantial cost saving benefits. All your energy data can be just **three clicks away** by using Energy Manager™.

### Packed with Helpful Features

Data can be collected from an unlimited number of metering points, utilities and tariffs. These include electrical meters, gas meters, water meters, steam meters, temperature, pH, flow rates, nitrogen, air, production data and all environmental data.

Energy Manager™ brings together the latest .NET software technology combined with the latest collection hardware to present all your energy data together in **real time**. The latest flash technology and data interrogation techniques combine to display **meaningful interactive reports**.

### Better Energy Knowledge – Better Energy Efficiency

The way we provide businesses with their energy consumption data outperforms all others. The key lies in the flexibility of our energy management products, which allows companies cross analyse any data they choose, using 3D Matrix Back-end. This provides comparative benchmarks, which in turn enables clients to make **significant improvements in their energy consumption**.

Energy Manager™ displays all components of the main electricity incomer and all other utilities in Energy Analysis Reports (cost, kW, kVA, kVA<sub>r</sub>, Power Factor and Maximum Import Capacity). Valuable information can be collected from 1 to 60 minute intervals to give the user greater tracking capabilities.

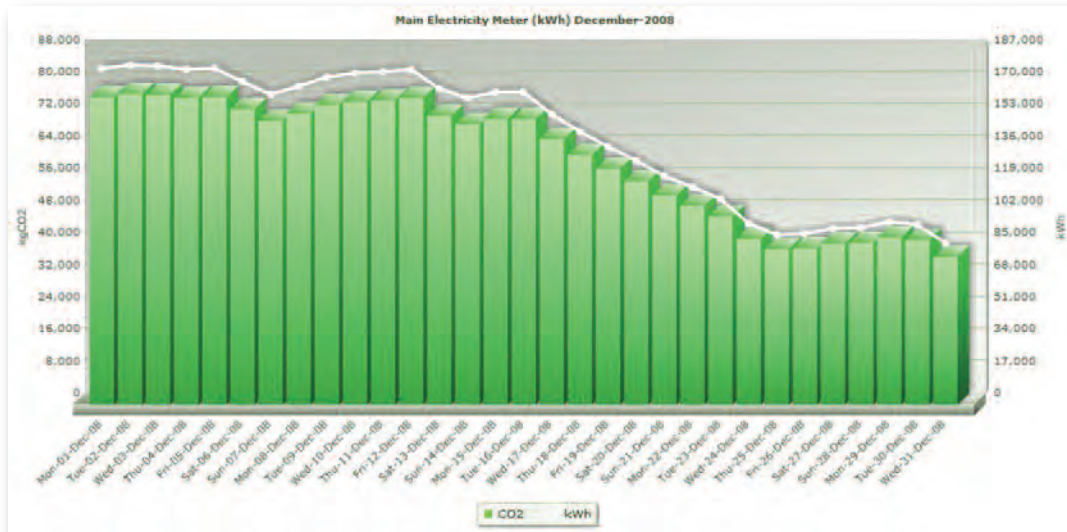


## Energy Manager™ Key Features

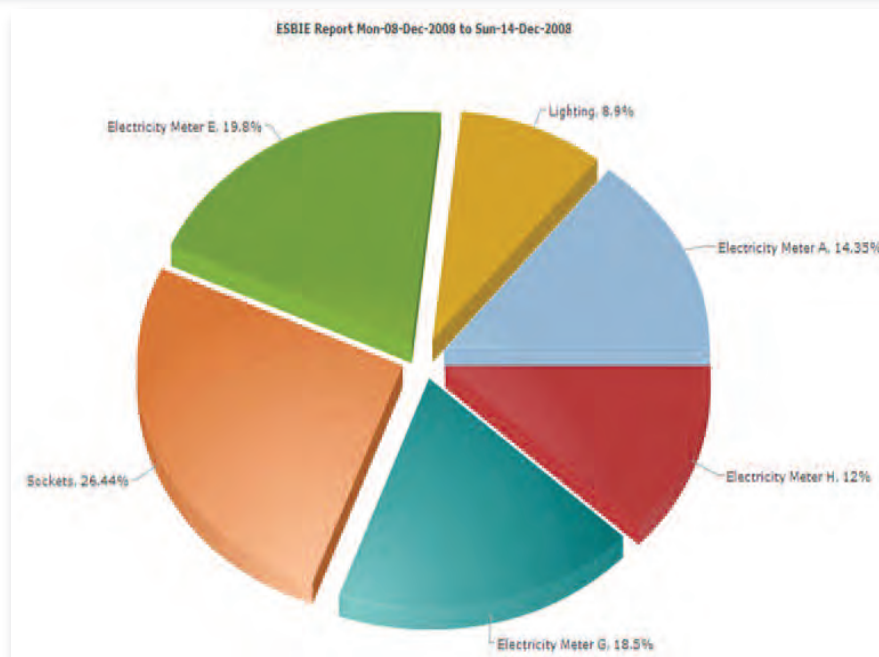
- ✓ Energy Manager™ illustrates information in real time
- ✓ Energy Manager™ tracks and trends consumption to monitor site performance
- ✓ Energy Manager™ demonstrates wastage that would be otherwise difficult to see
- ✓ Energy Manager™ monitors all utilities
- ✓ Energy Manager™ is an on-site system
- ✓ Energy Manager™ establishes baselines
- ✓ Energy Manager™ establishes budgets
- ✓ Energy Manager™ monitors carbon emissions
- ✓ Energy Manager™ has an automatic reporting system
- ✓ Energy Manager™ has an instant alarm notification system
- ✓ Energy Manager™ aids in forecasting future energy budgets
- ✓ Energy Manager™ aids in internal billing using energy account centres
- ✓ Energy Manager™ produces customised reports to suit a business's precise requirements



### Carbon Emmissions Report

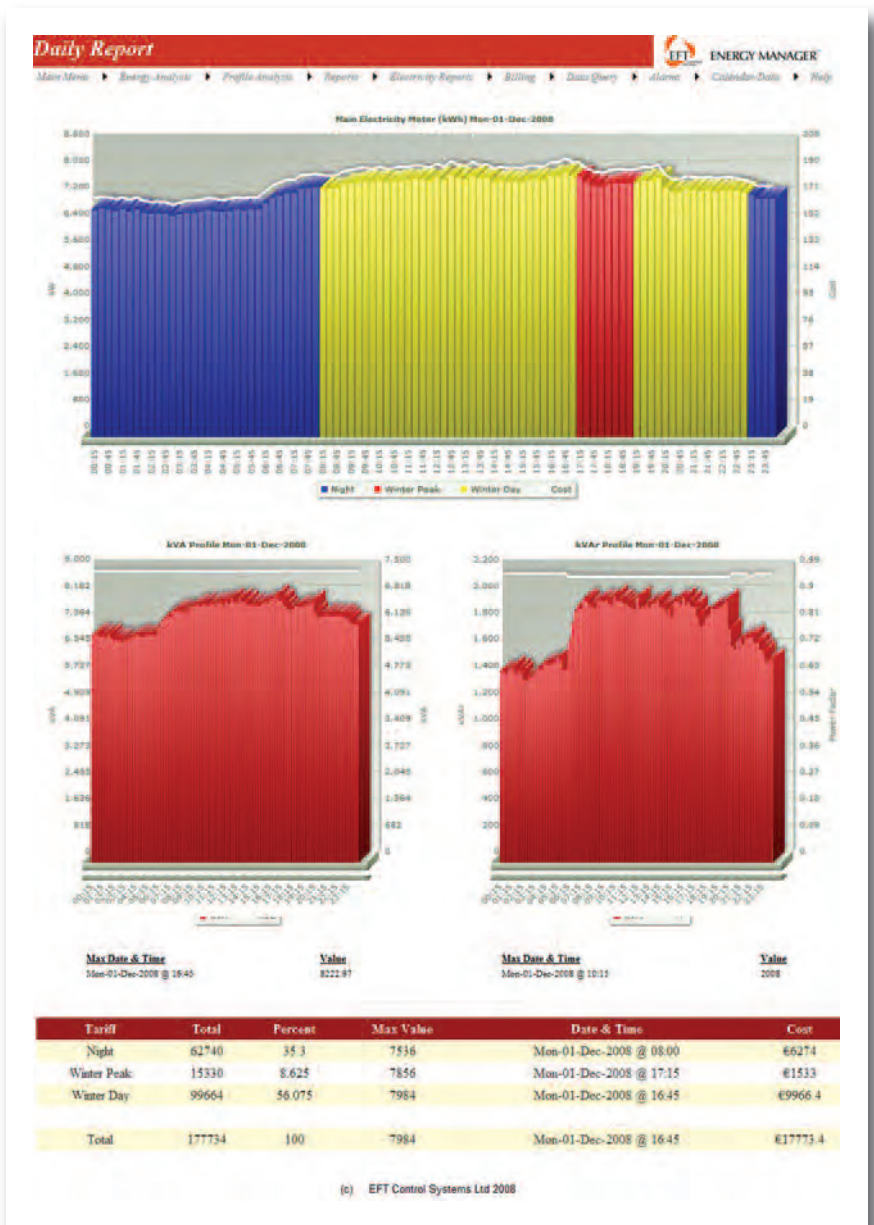


### Energy Centre Report

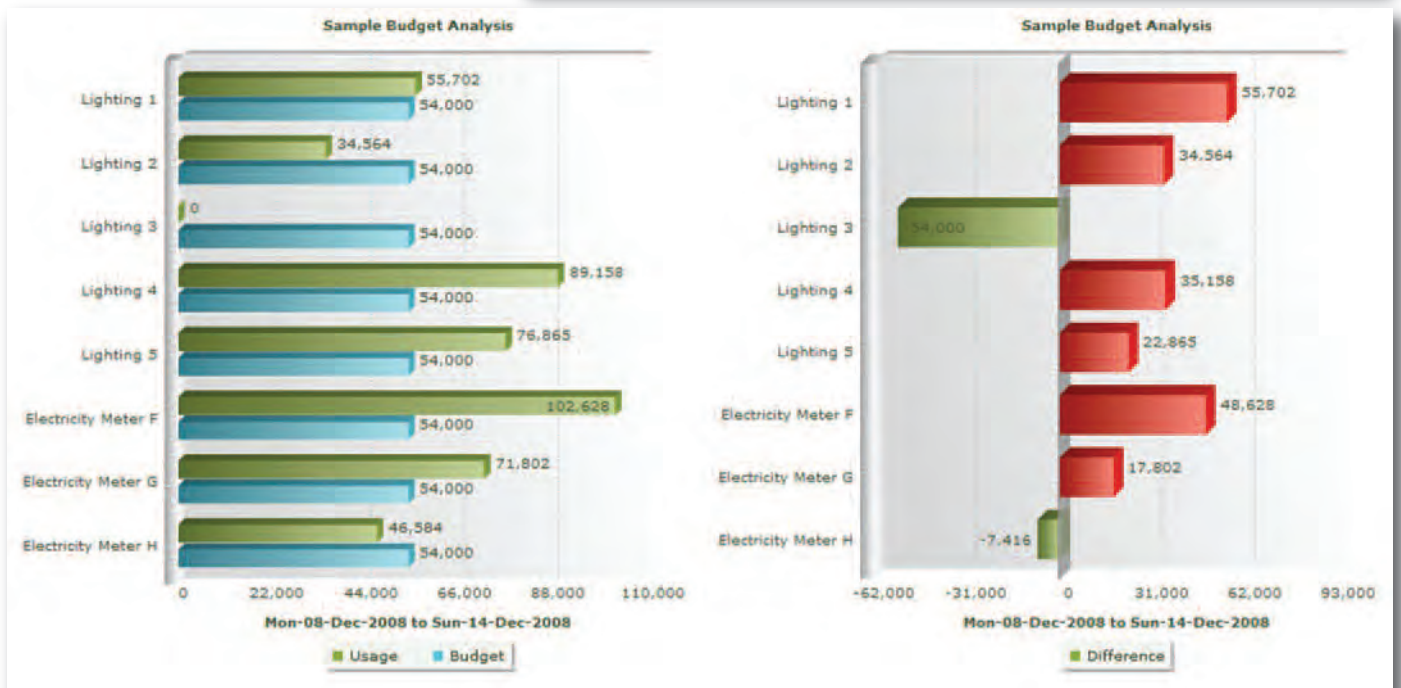


# Energy Manager™ provides a comprehensive range of reports to include:

- 📌 Energy Analysis
- 📌 Profile Analysis
- 📌 Baseload Analysis
- 📌 Budget Analysis
- 📌 Building Performance Reporting
- 📌 Energy League Tables
- 📌 Multiple Fuels Reporting
- 📌 Drill-Down Analysis
- 📌 Energy Centre Reporting
- 📌 Carbon Emissions Reporting
- 📌 Degree Day Analysis
- 📌 MIC & Powerfactor Reporting
- 📌 Electricity Bill Estimate and Tenant Billing



## Budget Analysis Report

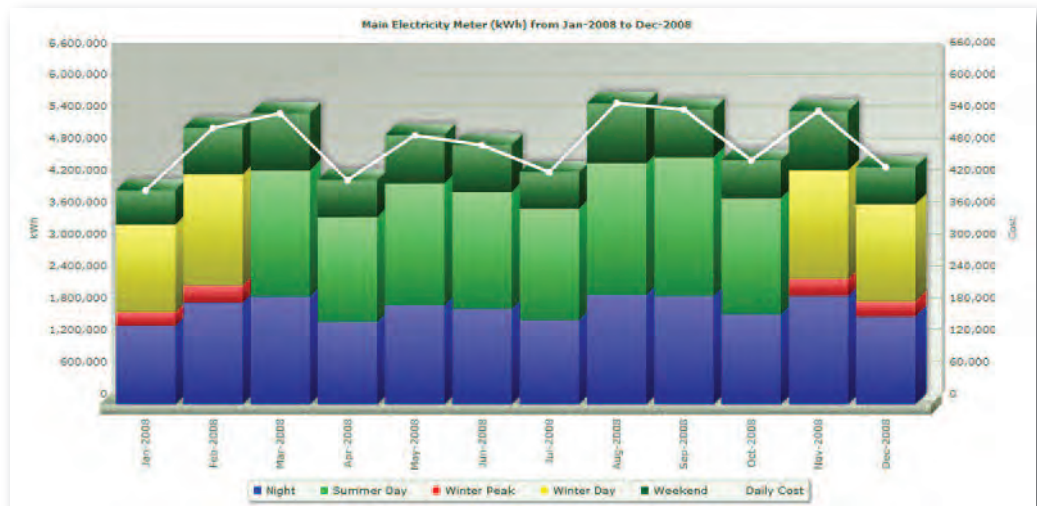


## Does your Organisation need answers to these sorts of questions?

- Why is our business using so much energy during the weekends when we are closed?
- What caused that surge in energy use last Tuesday?
- Are the company's chillers at the optimum setting?
- Is equipment being left on overnight?
- How can our business departmentalise cost centres?
- How can our business demonstrate our corporate commitment to carbon reduction?
- How can our company compare our energy consumption with set benchmarks?

*Energy Manager™ can provide you with the vitally important answers.*

### Annual Consumption Report



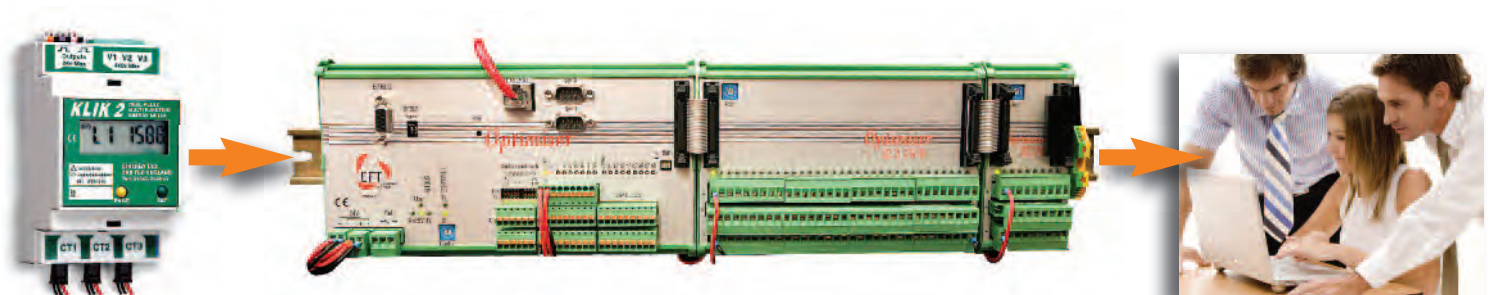
## EFT Hardware

EFT Energy Manager™ primarily collects data from pulse meters or analogue signals through our range of Ethernet data collection loggers.

**The EFT Optimiser (below, middle)** is EFT Control Systems main data collection controller delivering up to 6 months data logging capability and up to 72 digital or analogue inputs using 10/100 TCP/IP Communications.

**The EFT Nano** is EFT Control Systems smallest real time Ethernet data collection controller with up to 6 months data logging capability and with 4 digital inputs.

EFT have chosen **The Sinergy Klik meter (below, left)** as our meter of choice. These meters are highly accurate due to the linear nature of the CT signal and very high output resolution, up to 100 pulses p/kWh, have easy to connect clip on CT's, have plug-in connectors and are din rail mountable.



## Configuration

Energy Manager™ can be configured to collect data from utility meters on a **single site** and display locally on the site intranet. It can also be configured to collect data from **multiple sites** through a variety of data collection media and display the data from a central source.

Alternatively, business's can avail of EFT's **Bureau service**. The benefits of this are that EFT fully host and manage the business's energy platform using best in breed technology (SQL Server,.NET 3.0).

## Energy Manager™ Compatibility

The System Architecture is designed to run over any network and interconnect to a wide variety of third party devices to include:

1. Wireless Networks
2. GSM – GPRS – PSTN Networks
3. Ethernet Networks (LAN-WAN)
4. OPC Connection to PLC's
5. Third party Databases and Historians
6. Connection to BMS systems



### Installation

EFT offer full turn-key installation with an electrical contracting wing experienced in the industrial and commercial environment to include:

Cabling

Fitting of kWh meters

Full integration with software

*This excellent service eliminates outsourcing to third parties.*

### Maintenance

EFT offer an annual maintenance support contract, benefits include:

- 🔧 Free software upgrades
- 🔧 Re-training
- 🔧 Online support
- 🔧 On-site work

*Delivered by a professional team, this service can be tailored to each client's specific needs.*



### Testimonials

**Mr Alan Gallagher, Operations Manager, Croke Park Stadium, Dublin reports:**

*“We are delighted with the installation of Energytracked at our stadium. This was recommended to us by ESB Independent Energy as part of our Cul Green energy project. Cul Green is an exciting initiative between the GAA and ESB aimed at making Croke Park a Carbon Neutral Stadium.*

*Energytracked is already helping us achieve this by providing real time information and identifying areas of excessive usage. Our savings achieved to date have been most impressive. I find Energytracked extremely user-friendly and easy to use.*

*We have already commenced Phase 2 of the system which will monitor our water and gas consumption. This will all help Croke Park to achieve its goal of becoming a Carbon Neutral Stadium.*

*Energytracked has made an enormous contribution in providing the real time data that allows us to make continued energy savings at Croke Park.”*

[www.crokepark.ie](http://www.crokepark.ie)

*N.B. Energytracked is the rebranded version of Energy Manager™ for ESB Independent Energy.*



Hilco Hakman, Manager, Energy Consultant Services, ESB Independent Energy, reports:

*"EFT go the extra mile to meet customers' requirements."  
"EFT is continuously striving to improve the product."  
"EFT remains price competitive and delivers a state of the art product."  
www.esbie.ie*



## Can your Business afford to be without Energy Manager™?

As energy prices continue to spiral and the global economic climate becomes increasingly challenging, it's time for your company to invest in EFT Energy Manager™ today. You could save 20% or more on your energy spend.

EFT Energy Manager™ is Ireland's leading Energy Management product. Our low cost data loggers and software are unrivalled for performance and value.

EFT's Energy Management System is eligible for the Accelerated Capital Allowance (ACA), an excellent tax incentive for your business. Wherever you are, however small or large, EFT Energy Manager™ is available for your organisation.

Join our impressive list of over 500+ blue chip clients.



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