NEW

OMRON

EWS-DE10 Energy Savings Analysis Software

Dr. ECO™ Ver.1.2

Find wasted energy with simple operations.

realizing

Are you effectively using your visualized data to save energy?

Q The first step in saving energy is to find waste. Are you having these problems in analyzing your visualized data?

For example...

1 It is difficult to find wasted energy.

With a large volume of energy data, you are sure that there must be plenty of room to save energy, but you cannot find it.

2 Too much work is involved in analyzing the data.

With a spreadsheet, a lot of work is required to set the periods and intervals of graphs.

3 Integrated management of data and graphs is necessary.

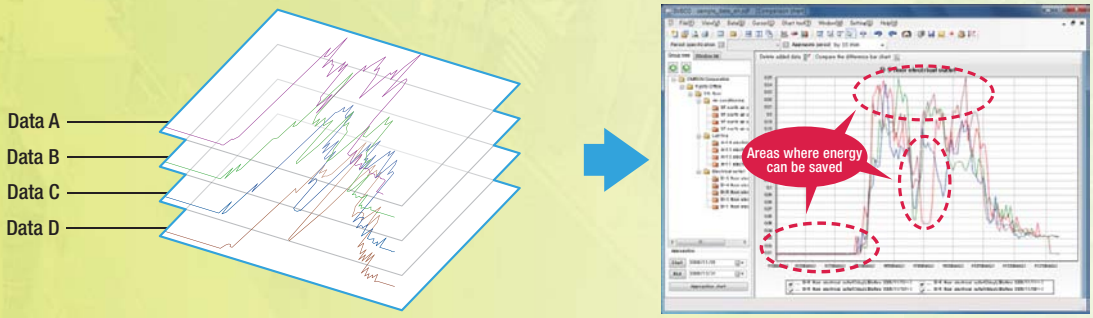
Graph files and other files for daily reports,monthly reports, and analysis keep on accumulating and are impossible to manage.

OMRON's Dr. ECO lets you easily handle graphs and data and lets you analyze data quickly and easily.

With Dr. ECO

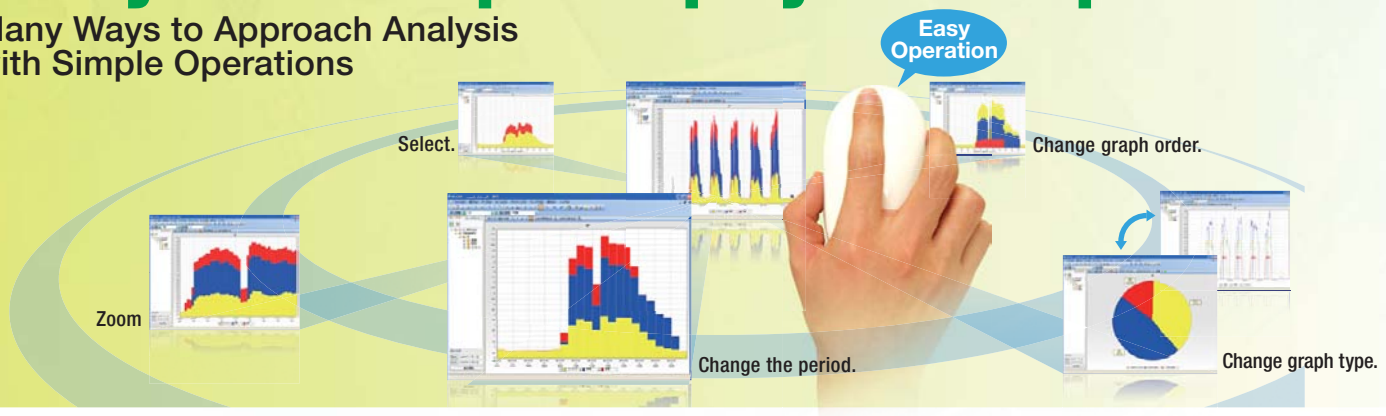
Instantly Find Wasted Energy on Graphs

overlapping line graph data lets you discover where improvements need to be made.



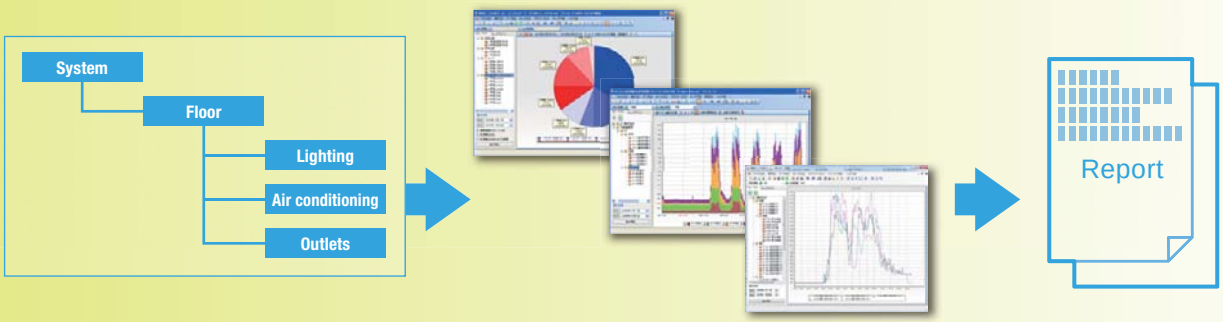
Easily Alter Graph Displays as Required

Many Ways to Approach Analysis with Simple Operations



Easy Data Management

Hierarchical Management of Measurement Data
Output graphs and reports from the required level.

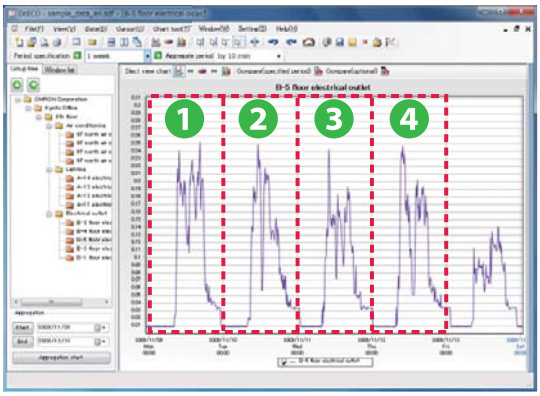


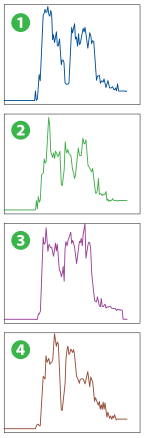
Dr. ECO is a simple, easy-to-use It will help you reduce energy usage

1 Instantly Find Wasted Energy on Graphs

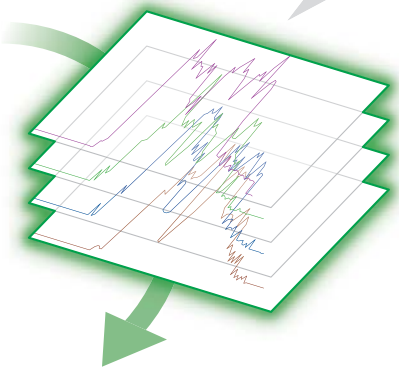
A new feature lets you Comparison graphs.

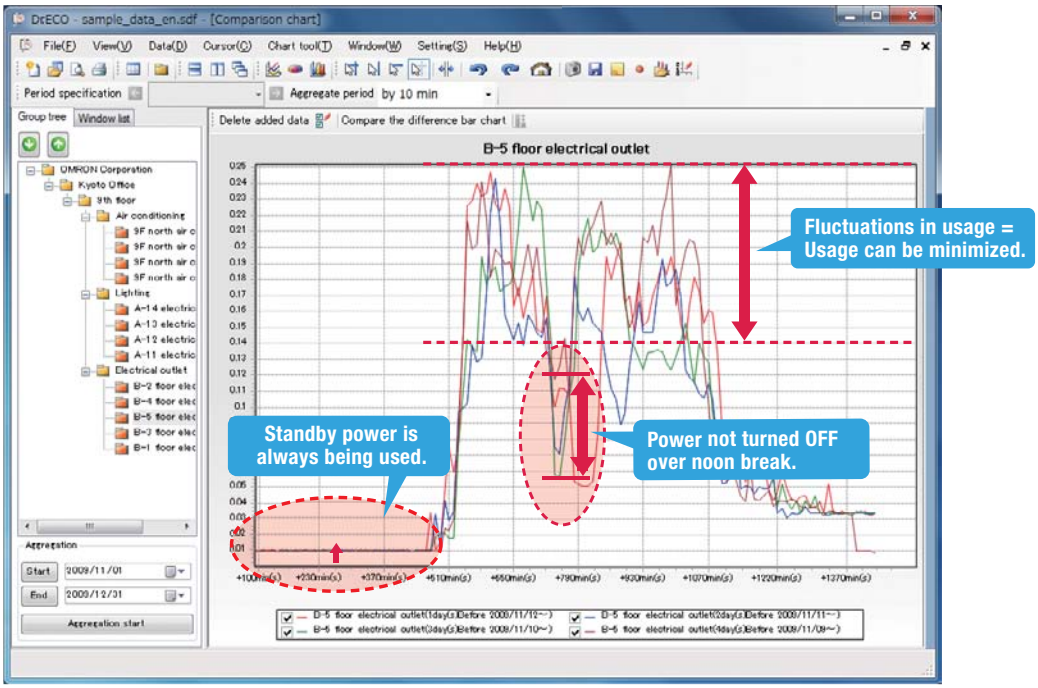
Overlapping line graph





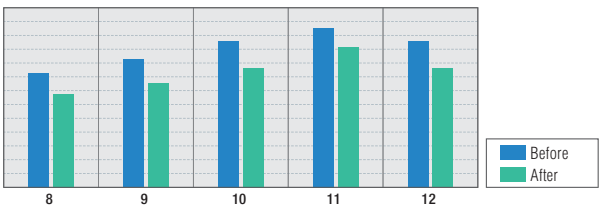
Overlapping line graph lets you see where energy can be saved.





Before/After Displays

You can immediately see changes in energy usage before and after energy-saving measures.

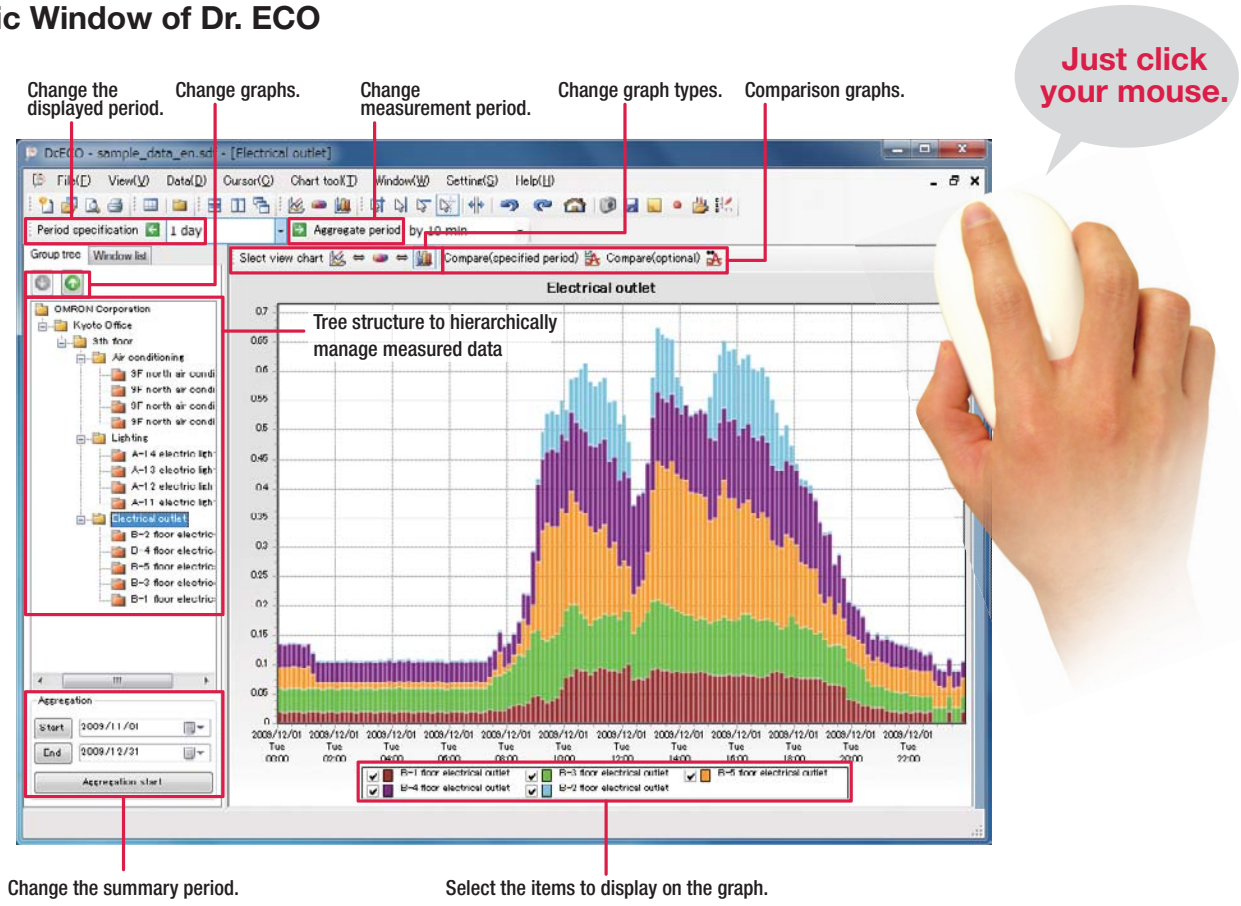


Energy Savings Analysis Software.
and simplify energy data analysis.

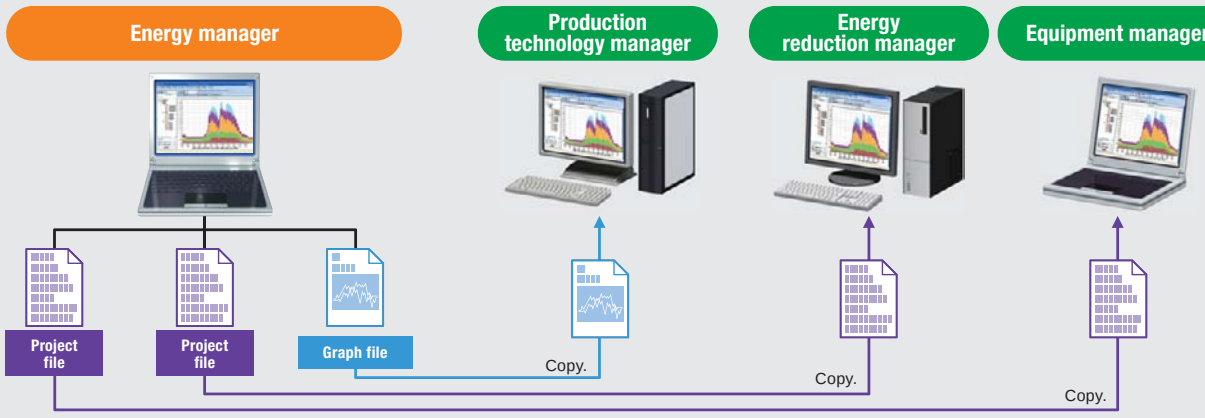
2 Easily Alter Graph Displays as Required

You can take advantage of many graph displays with a click of the mouse.

Basic Window of Dr. ECO



Share Any Number of Graphs with a Viewer Edition



Graph files and project files can be copied and used on a Viewer Edition.

Functionality is restricted.

OMRON took the analysis knowhow that achieved a energy usage in OMRON factories and placed it

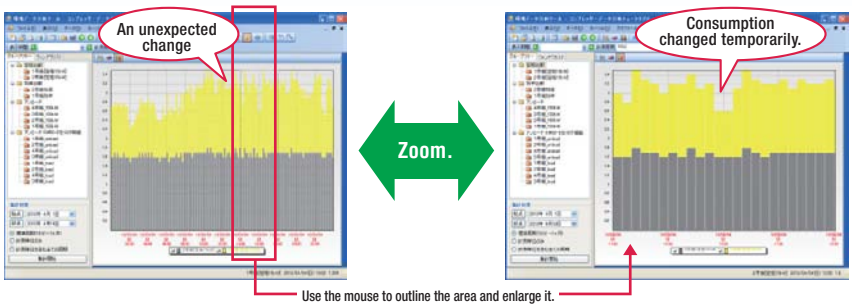
To promote saving energy, OMRON sees products from “Visualize,” “Monitor,” and “Analyze” points of view. “Visualize” is the KM Series that measures wasted power usage and provides visualizations of it. “Monitor” is the that collects and stores data. “Analyze” is Dr. ECO. This analysis software effectively uses the vast amount of data We inserted the analysis knowhow that allowed OMRON to reduce factory energy usage by over 10% and then completed

Other Features

Zooming

Just outline the area to be analyzed with the mouse to zoom in or out.

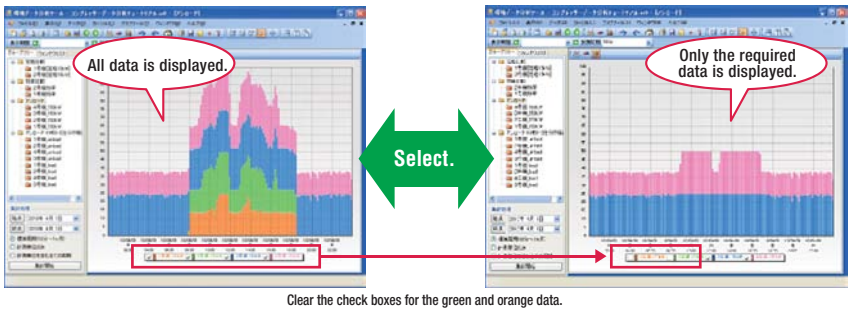
This allows you to see details of suspicious parts of the graph.



Selecting

You can select the data to display simply by selecting check boxes.

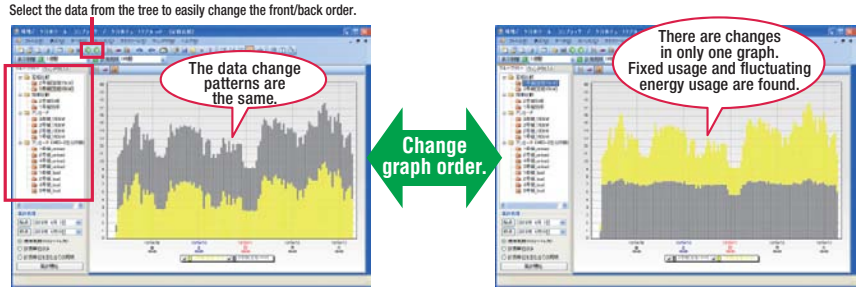
Hide unnecessary data to find suspicious parts of the required data.



Changing Graph Order

You can change the front/back order of superimposed graphs.

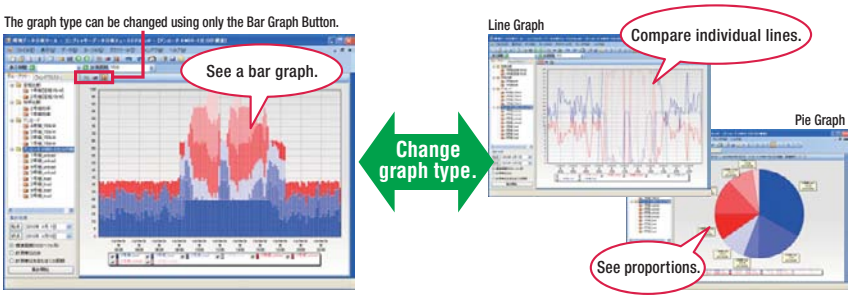
Changes can be correctly seen by changing the order of the data.



Changing Graph Type

You can switch to a line, pie, or bar graph with a single button.

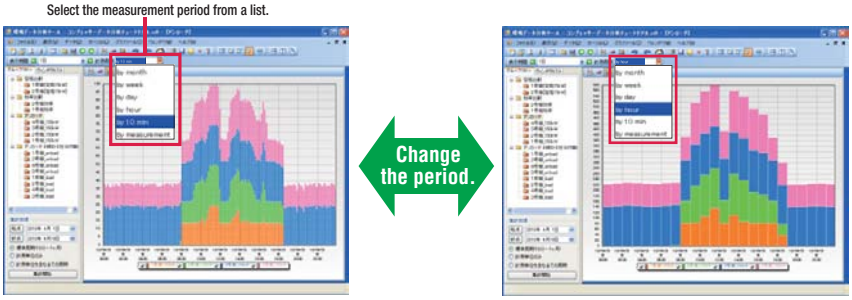
Changes can be correctly seen by changing the graph type.



Changing the Period

You can change the display time axis to months, weeks, days, hours, or measurement units.

The period can be set for the interval to view for use in reports.



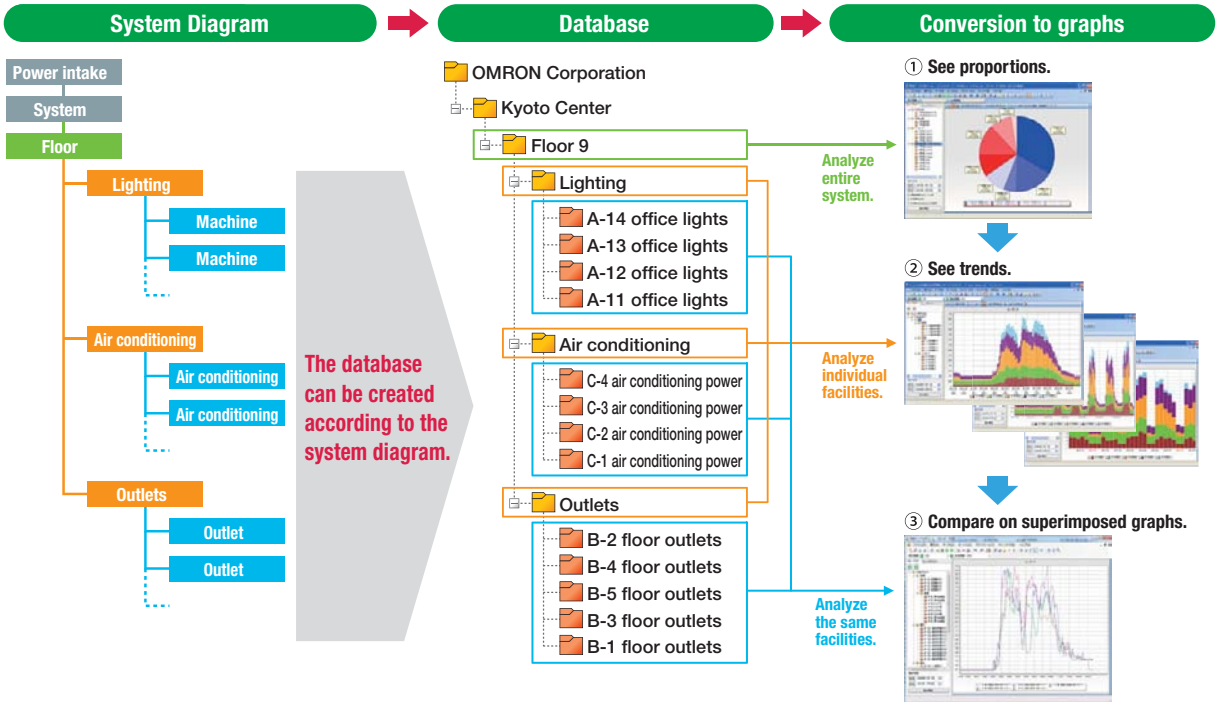
10% savings in into Dr. ECO.

EW700 Series that finds changes in energy usage and collected by hardware to analyze and find wasted energy. the software by making is easy to use by essentially anyone.

3 Easy Data Management

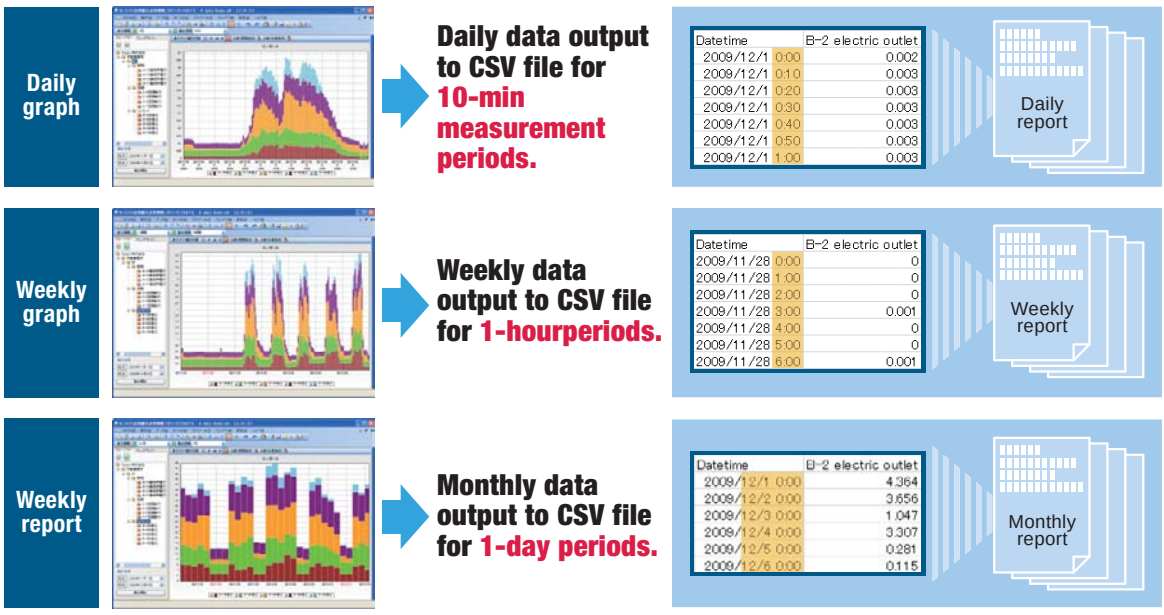
Manage expanding volumes of energy data in a hierarchical database.

With a single database you can analyze according to different levels in the hierarchy and link to a system diagram.



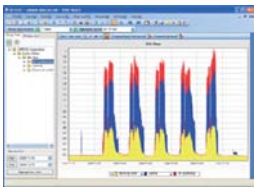
Easier Preparation of Reports

You can convert graphs directly to CSV files according to the measurement period.



System Configuration Example

Dr. ECO + **Data collection device** + **Energy sensors**



Easy EW-Logger Automatic Data Collection Software is also included.

The DVD-ROM includes Dr. ECO and the Easy EW-Logger.

Standard Models

Name	Model	Standard price
Dr. ECO Energy Savings Analysis Software	EWS-DE10	Open price

Recommended System Requirements

Item	Recommendation
OS	Windows XP SP3 or higher Windows Vista SP2 or higher (32-bit edition only) Windows 7 (32-bit edition only) Microsoft .NET Framework 3.5 is required. This makes it impossible to run the software on Windows 2000 or earlier versions of Windows.
Processor	Intel Core 2 DUO, 2.0 GHz or better
Memory	1 GByte or more
Other items	The software is provided on a DVD, so a device to read the DVD is required. A LAN interface is required to automatically collect data. A device to read SD cards is required to use SD cards to collect data.

This software supports five languages
(Japanese, English, Chinese, Korean, and Taiwanese).

Functions and Specifications

Item		Specification
Project	Number of files created	No limit
	Size of one file (sdf file)	4 GB (A file that exceeds 4 GB cannot be saved.)
Importing	Supported formats	EW700 measurement data format M2M mail data format (An e-watching Energy Measurement Service contract is required.) CSV data format (only when one column is selected for importing)
	Measurement periods that can be imported	1 min, 10 min, 30 min, 1 h, or 1 day
Registration capacity of 1 project	Number of measurement items	250 max.
	Number of groups	50 groups max. at the top level Groups can be in a hierarchy with up to 5 levels.
Calculations	Calculation types	Addition, subtraction, multiplication, and division
	Number of elements in a calculation	6 max. (A+B+C+D+E+F)
Graph displays	Graph types	Line, pie, bar (bar + line), and overlapping line graph (There is a maximum of 32 periods for overlapping line graph.) Two-point comparison bar graphs. (Only two data items can be compared.)
	Digital interval	Measurement interval, 10 min, 1 h, 1 day, 1 week, or 1 month

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