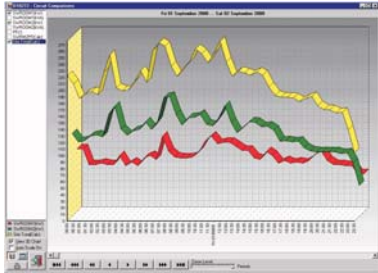
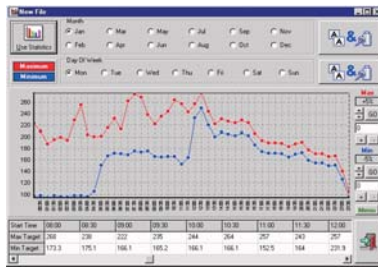


is a single, or multi site, environmental energy auditing system. It uses data gathered by Eco Warrior or periodic data from other systems. A detailed and comprehensive costing section allows invoices to be generated for tenants or cost centres and for utility company bills to be created in-house, often weeks before the real ones arrive! Targets can be created and set for each channel by reviewing historical data and modifying it by a percentage or figure, or you can create it from scratch. Different targets can be set for each day and month to provide accurate seasonal monitoring and targeting. Energy data can be viewed as profiles and text for each measuring period to multiple years. This page shows just a few examples of how data can be viewed and analysed using Eco Tools but there is much, much more.....



COMPARISONS BETWEEN ENERGY METERS SHOWING RELATIONSHIPS IN ENERGY CONSUMPTION AND ENERGY COSTS.



MONITORING & TARGETING, MAX. & MIN. 30 MINUTE VALUES. SET USING HISTORICAL DATA THEN ADJUSTED BY A PERCENTAGE OR VALUE, AT A CLICK.



PROFESSIONAL TENANT AND COST CENTRE BILLING USING COMPREHENSIVE TARIFF OPTIONS FOR DEMAND AND SEASONAL TIME OF DAY TARIFF

The Spectrum Analysis example on the right shows a site before and after Eco Warrior has been used to identify waste. The "before" image clearly shows water being used all day. The "after" image shows energy use as small islands representing the use of water from 8am till 5.0pm and very little if at all during the night, early mornings and weekends.

For even more practical features and options please refer to our complementary documentation:-
-Eco Tools Professional Extensions
-Web Grabber

Statistics Menu

01 January 2002 -> 31 January 2002

Sample Company Site Site ID = 03
Peak = 16:00:19:00
Evgng = 20:00:23:30
Night = 00:00:07:00
Interval = 00:30

Include Zero Readings Show as Demands (*) Days Selected = 31 Days Found = 31

View Daily Data Compare / Costs Production Figures Energy Billing
Daily Day/Night Daily Demands Daily Splits Spectrum Analysis Tariff Comparison

Circuit Number - Name [Units]	Grand Total	Total Night	Total Day	Peak Units	Daytime Wind Units	Daytime Wkly Units	Evening Wind Units	Evening Wkly Units	Demand Peak Max	Demand 24hr Max
001 - SWROOM1(kW)	62914.00	16950.00	45964.00	6478.00	7290.00	23148.00	1828.00	7220.00	160.00	172.00
002 - SWROOM1(kVA)	67276.00	18268.00	49008.00	6896.00	7968.00	24414.00	2016.00	7714.00	160.00	176.00
003 - SWROOM2(kW)	149613.00	35501.00	114312.00	17353.00	8781.00	68649.00	1361.00	18168.00	304.00	358.00
006 - SWROOM2(kVA)	218538.00	53370.00	165168.00	25480.00	12551.00	97972.00	2172.00	26993.00	446.00	524.00
007 - PF(I)	1387.15	401.72	985.44	129.34	197.60	457.31	50.78	190.41	2.00	2.00
008 - SWRMZPF(Calc)	998.06	280.61	717.45	93.37	144.57	335.97	35.25	108.28	1.45	1.63
000 - Site Total(Calc)	212727.00	52451.00	160276.00	23831.00	16071.00	91797.00	3189.00	25388.00	456.00	484.00

SIMPLE MENU SYSTEM FOR ALL FUNCTIONS. CLICK ON A BUTTON TO SEE A REPORT. NO USER REPORT WRITING REQUIRED. SIMPLY CLICK ON A FILTER TO ISOLATE THE REQUIRED INFORMATION.

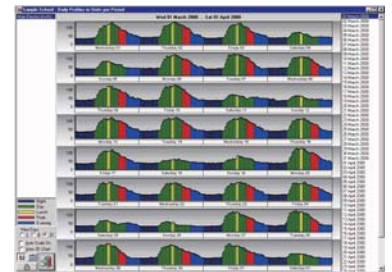
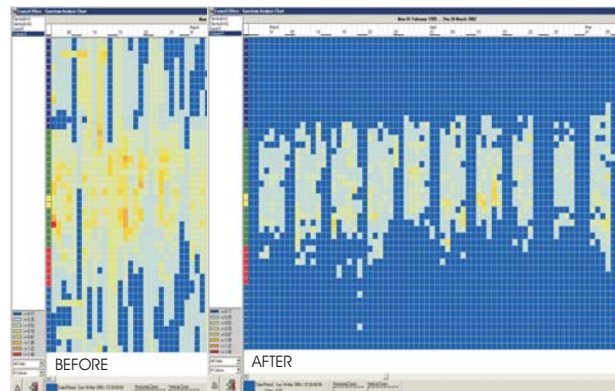
Site & Tariff Configuration Import Data From Other Sources Degree Days & Energy League Tables Statistics & Billing Menu.

Eco Tools - Main Menu

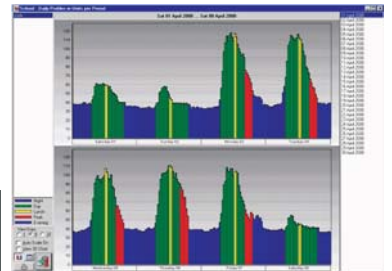
Configure Program Charts, Statistics & Billing
Import External Data Degree Days & Leagues
About This Program Create & Edit Targets Quit Program

Software Information. M & T Target Setting Menu. Exit The Eco Tools Software.

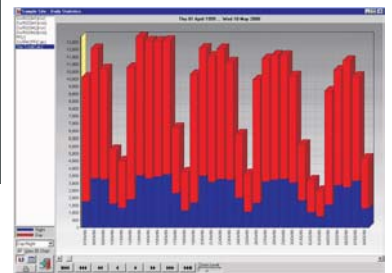
Spectrum analysis shown below provides a clear view of energy waste during times when the business is known to be non-operational allowing the user to spot problems and costly high demand periods. Columns represent days and rows are half hour periods of the day. Each cell is colour coded to represent the energy metered during that period. "Red" shows the highest consumption and "Blue" the lowest or zero consumption. The intermediate colours are graded to be proportional to the energy used.



MULTI-DAY VIEWING OF ENERGY PROFILES WITH COLOUR CODING OF TIME PERIODS.



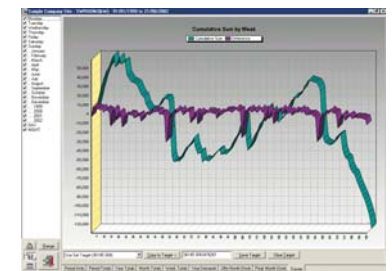
A SIMPLE RIGHT CLICK ON YOUR MOUSE ZOOMS INTO AN EIGHT OR SINGLE DAY VIEW OF YOUR ENERGY PROFILES.



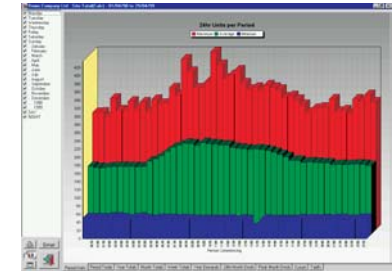
DAILY DAY / NIGHT UNITS OR 24 HOUR & PEAK DEMANDS WITH INSTANT ZOOM IN AND OUT FACILITY.



MULTI-YEAR COMPARISON OF ENERGY USED OR DEMANDS BY MONTH OR WEEK



EASY CUSUM TARGETING AND WEEKLY DIFFERENCE CHARTS TO SHOW ENERGY TRENDS



MAXIMUM, AVERAGE AND MINIMUM FOR EACH HALF HOUR FOR MANY YEARS DATA ON ONE GRAPH WITH INSTANT CLICK ON/OFF YEAR, MONTH, DAY FILTERS.