

What Do You Want To Monitor In Your Home?

Well You Can Monitor Any Electrical Circuit Or Appliance



Our Energy Monitoring Solutions may change over time, as new features are developed and old ones removed by manufacturers.

Currently our Energy Monitoring Solutions allow you to easily monitor:

- *Total electricity consumption*
- *Solar power generation*
- *Power box circuits such as air conditioner, pool pump, workshop, tenant*
- *10A Socket individual appliances such as freezer, entertainment, home office*
- *Bonus Feature : Temperature, Light & Motion Sensors*

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All easily monitored by using a mix of:

- *Electricity power box transmitters*
- *10A socket transmitters*
- *Multi-sensors for temperature / light / motion*
- *LCD energy monitors*
- *Online HUB with FREE Energy Monitoring Dashboard*

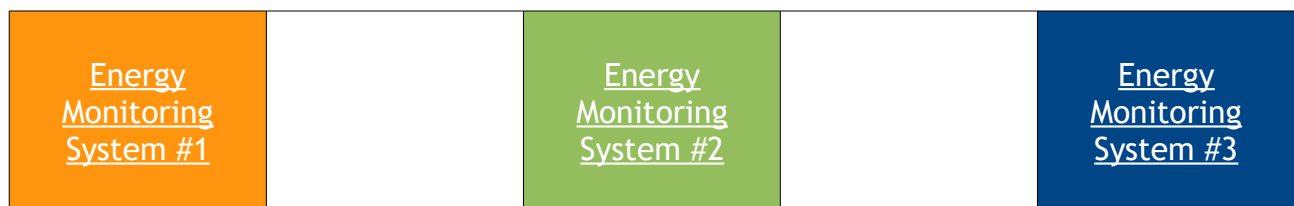
Off-line Energy Monitoring : You have a choice of LCD Energy Monitors and PC / MAC based software.

Online Energy Monitoring : You have a choice of Energy Monitoring Dashboards. The manufacturer's and PVOOutput. Offering you far better detailed analysis, email alerts, flexible options and a large selection of mobile apps.

The Energy Monitoring Hardware

All of the power monitoring hardware we offer is similar, yet different and we encourage you prior to completing your Energy Monitoring Quote form to visit our energy monitoring system pages for:

[CHOOSING A HOME POWER MONITOR](#)



You Can Easily Monitor Multiple Circuits & Appliances

Our Electricity Monitoring Solutions offer multiple circuits / appliance monitoring in some form or another, be it via a LCD Energy Monitor with software application or HUB sending your data to an online Energy Monitoring Dashboard.

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By using a mixture of current clamps and transmitters sited in your power box and transmitters plugged into 10A wall socket power outlets, you can easily monitor your:

- *Total household consumption*
- *Solar power*
- *Hot water heat pump*
- *Air Conditioner*
- *Tenant*
- *Workshop*
- *Freezer*
- *Home office*

Easily Monitor Temperature, Light & Motion

Now you can further add a multi-sensor to show you temperature, light and motion. Suggestions for this

Single & Three Phase / Multiple Appliance Monitoring

The transmitters sited in the power box are all capable of single, two or three phase monitoring. The transmitter simply sums the inputs of the current clamps. This allows for flexibility [within some monitoring systems] where you can monitor more than one appliance using the same transmitter. This can obviously cut down on the cost of hardware.

For example you could monitor both of your air conditioning units with one transmitter or both of your solar inverters.

How And Where Do You Want To See The Data?

You have plenty of choices when it comes to being alerted of your power generation, energy consumption or costs. You could:

1. Simply Use Your LCD Energy Monitor For Electricity Usage & Cost Awareness

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You need to decide on whether you are going to simply rely on the monitor's data alone or add some software. What you will see on any monitor can be:

- *Real time usage in Watts, with forecast \$ costs based on this usage per day and per month*
- *The cost and kWhs used for the last day, week, month*

2. Add FREE PC Software & Analyse Live / Historical Data

If you are looking to analyse the data stored in the memory of any monitor, you will need a USB connectivity cable, a cable software driver along with with a copy of your chosen application. Note [SYSTEM #1 MONITORING SOFTWARE](#) applications are for Windows only.

[SYSTEM #2 MONITORING SOFTWARE](#) supports both Windows and MAC.

Importantly you will usually need to connect your PC / MAC to the monitor at least once a month. This will keep the software application up to date. The data stored in a monitor can be similar to:

- *kWh / \$ / CO2 used every 1 or 2 hours*
- *kWh / \$ / CO2 used daily*
- *kWh / \$ / CO2 used monthly*
- *kWh / \$ / CO2 used yearly*

Ask yourself are you going to have your PC running 24/7 or do you want to simply download the data from the monitor, when you power up the PC? You can often force the data to download from the LCD energy monitor or simply leave the PC on for a certain time frame, where the data will download automatically into the software application.

By using a software application you may be offered such features as:

- *Live data [kWh & cost] for each transmitter & clamp @ intervals of 15, 30 minutes 1, 2, 4 hours*
- *Historical data [kWh & cost] for each transmitter @ intervals 1 or 2 hours, 1 day, month & year*
- *Averaged data [kWh & cost] for each transmitter @ intervals for day of week / time of day*
- *Tariff comparisons*
- *Energy usage & cost reports*

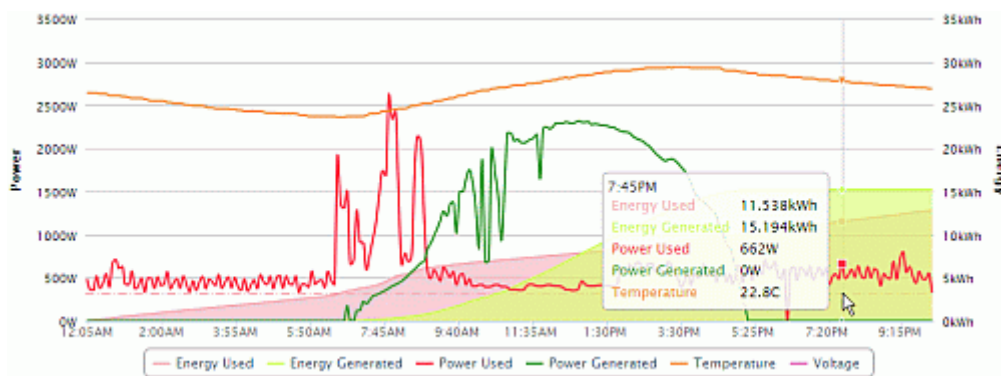
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3. Go Online For Easy Access To Your Data From Anywhere

By adding a small hardware device known as a HUB to your energy monitoring system you can upload up to five channels of data. You can have more than one hub. This data is uploaded in 6 second real-time to the manufacturer's dashboard. And in some cases every five minutes to other dashboards.

Your energy monitoring system will need a spare LAN port on your ADSL or SIM based modem / router.

In 99% of cases clients choose us to configure and test the hardware and further set-up the online energy monitoring dashboards. This makes it easy for you if you are not that tech savvy, nor have the available time.



Online Dashboard Showing Consumption & Solar Generation

Once your consumption / solar / appliance data is online you will be able to enjoy such features as:

- *Electricity consumption usage and costs in graphical and table formats*
- *Support for various electricity tariff types such as Time Of Use [TOU]*
- *Live TOU data*
- *The ability to get SYSTEM ALERTS via email*
- *The ability to upload data to mobile devices using mobile apps*
- *The ability to analyse usage, costs and tariffs*
- *Seasonal usage tables*
- *Weekly solar power & electricity consumption reports via email*
- *Future power / cost estimates based on usage*

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So What Do You Want To Monitor?

To make it easy for you to understand the different monitoring options, please visit [CHOOSING A HOME POWER MONITOR](#) if you have not already done so.

Pre-Configured Energy Monitoring Solutions

We have pre-configured online Energy Monitoring Solutions with FREE dashboard ready to go for those of you wanting an easy 'plug n play' system. Suitable for :

- *1 Ph Consumption OR 1 Ph Solar Power*
- *3 Ph Consumption OR 3 Ph Solar Power*
- *1 Ph Consumption & 1 Ph Solar Power*
- *3 Ph Consumption & 1 Ph Solar Power*
- *3 Ph Consumption & 3 Ph Solar Power*

If this option appeals then visit this page [HERE](#) and choose your system.

Get A Quote NOW!

Once you have an idea of the hardware differences with reference to your needs, download the quote form, complete and return via email.

[POWER MONITORING QUOTE FORM](#) [doc file]

Your Peace Of Mind

We will be calling you if what we see on the form does not make sense in anyway or we are unsure. What you can be 100% sure of is this, you will be receiving a monitoring solution from us, that will do what you want it to do.

This has been our Energy Monitoring Solution policy for the last five years and so far not one complaint has been made!

Remember we don't sell monitors, we SUPPLY Power Monitoring Solutions. There is a big difference! Hence any questions we may ask you are asked to make sure we understand and importantly meet your needs.

We look forward to hearing from you soon.

The Aussie Home Energy team.