





A brighter future  
[powertracker.com.au](http://powertracker.com.au)

## Monitor, track & optimise The invisible cost of living

Join the growing number of homes and businesses who use the free Power Tracker online monitoring platform to reduce their electricity usage and save money.

Experience suggests, that one of the reasons so few people economise on their power consumption, is that they simply aren't aware how much money their appliances can guzzle.

The Power Tracker suite of products makes the invisible painfully clear.

# In the home

## Reducing your costs

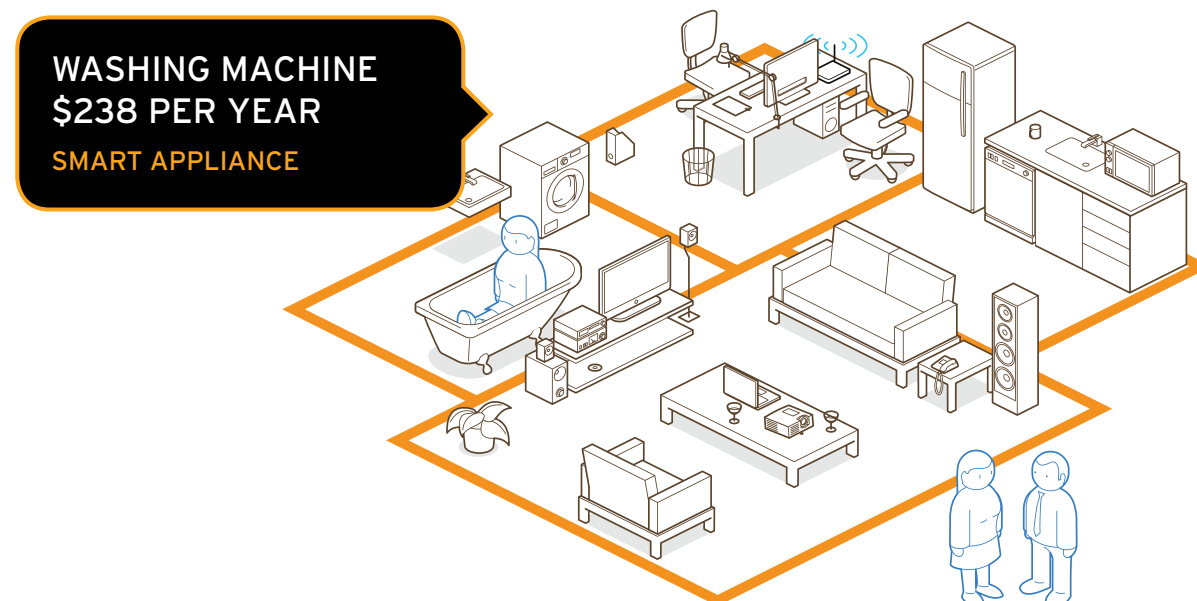
### Time to start saving

In the current financial climate, the focus on energy saving within the home has intensified by the desire to reduce costs. The 'Power Tracker' wireless product range is a very useful tool for observing and reducing electricity use within the home.

Power Tracker can monitor the health of your solar electricity system - both traditional and microinverter systems, ensuring it is generating to expected optimum performance.

### The benefits

- Check your energy usage anytime anywhere
- Log your historical daily, weekly, monthly and yearly information
- Easy to read charts and graphs
- Control your home and office appliances remotely
- Monitor your solar system to ensure it is performing to its maximum potential
- Control your electricity bills with cost predictions
- Share your data with your friends & colleagues
- Easy Installation with Zigbee Wireless technology
- Power Surge protection



# In the office

## Where are my electricity costs?

### Minimising carbon emissions and maximising profits

How can I minimise my carbon emissions while maximising profits to my bottom line?

One of the highest operational costs businesses encounter are electricity bills.

By giving businesses visibility, knowledge and access to their electricity consumption all at the press of a button, will enable more energy efficient behaviours to be adopted. If solar electricity systems have been installed for the business, the data collected will be displayed on both the Power Tracker dashboard, and a company specific dashboard can be displayed on the company website.

Industries will be able to outline the true operational costs associated with business units, production lines, equipment and machinery.

Power Tracker has a team of inhouse designers and software developers working with businesses to actively promote their steps to going green and providing innovative and customised solutions for your business. Areas of assistance include website design around sustainability, having live information pushed back to the company website and ensuring that your brand is being promoted to company standards.

### The benefits

- Check your energy usage anytime anywhere
- Log your historical daily, weekly, monthly and yearly information
- Easy to read charts and graphs
- Control your business appliances remotely
- Accurate reporting on operational costs per business unit, production line, equipment and machinery
- Monitor your solar system to ensure it is performing to its maximum potential
- Control and visibility over electricity bills with cost predictions
- Share your data with your employees
- Share your data publicly on your website
- Show the world your energy savings and promote your brand as being cutting-edge, innovative and a leader in your industry
- Easy Installation with Zigbee Wireless technology
- Power Surge protection

# Our suite of products

## Optimum performance

### Smart Clamp

The Smart Clamp allows you to meter your entire home or business electricity usage but also has the flexibility to meter sub circuits such as solar systems or lighting.

The Smart clamp is commonly deployed in a power cabinet to measure the consumption of the entire building. The device can also be installed on particular circuits to help identify and improve electricity consumption in particular areas.

The Smart Clamp can measure electricity in both directions to determine if a premise is consuming or exporting electricity.

Additional clamps can be installed for a more accurate understanding to further reduce your electricity consumption.

#### When is this product required?

If you would like to meter your entire premises, hard wired appliances e.g aircon, sub circuits e.g. factory lighting, solar systems, etc.



### Smart Appliance

The Smart Appliance allows you to measure and control the consumption of specific electronic devices so that energy efficiency can be improved.

The Smart Appliance provides power surge protection and can be turned on/off remotely to enable users to optimise their energy management of their appliances.

Simply plug it in line with an appliance e.g. TV for instant power usage readings.

#### When is this product required?

If you would like to monitor appliances within the premises e.g. fridge, TV, Computer, Photocopier or would like control of your appliances remotely.



### Smart Energy Gateway

The Smart Energy Gateway is an all-in-one router designed for users to enjoy real-time power management and secured wireless Internet access.

Integrated with ZigBee wireless technology, the Smart Energy Gateway can communicate wirelessly with all Power Tracker products.

The Smart Energy Gateway pushes the recorded data to the Power Tracker website so users can remotely monitor energy consumption and manage their appliances.

You can connect up to 10 Smart Clamps or Appliances to one Smart Energy Gateway.

#### When is this product required?

You always require at least one. This is the brains of any system and is required in order for all your devices to send their data back to the Power Tracker website.



### Our packages

By conducting an energy audit, our team will provide you with an energy management solution.

**We are ready to help you save.**

# Power Tracker and Greenstar Smart integration

## Innovation & collaboration

Power Tracker has joined forces with Greenstar Products to integrate their entire solar product range to work with our free monitoring platform for solar owners to track the performance of their solar systems.

- The Power Tracker website talks directly with the entire Greenstar product range via the internet.
- The website stores a wide range of values from each microinverter from voltage, temperature and power output and stores this data historically for the user to view.

- Power Tracker can also monitor the solar system for you. If you have panels that stop performing at the expected levels the website can generate email notifications.
- The large range of graphs and charts allow the users to easily identify underperforming panels and to ensure that their system is always working to its maximum potential.



**GREENSTAR** 

To find out more about Greenstar Products visit [greenstarproducts.com.au](http://greenstarproducts.com.au)

# Coming soon A focus on innovation

## Investing in the future

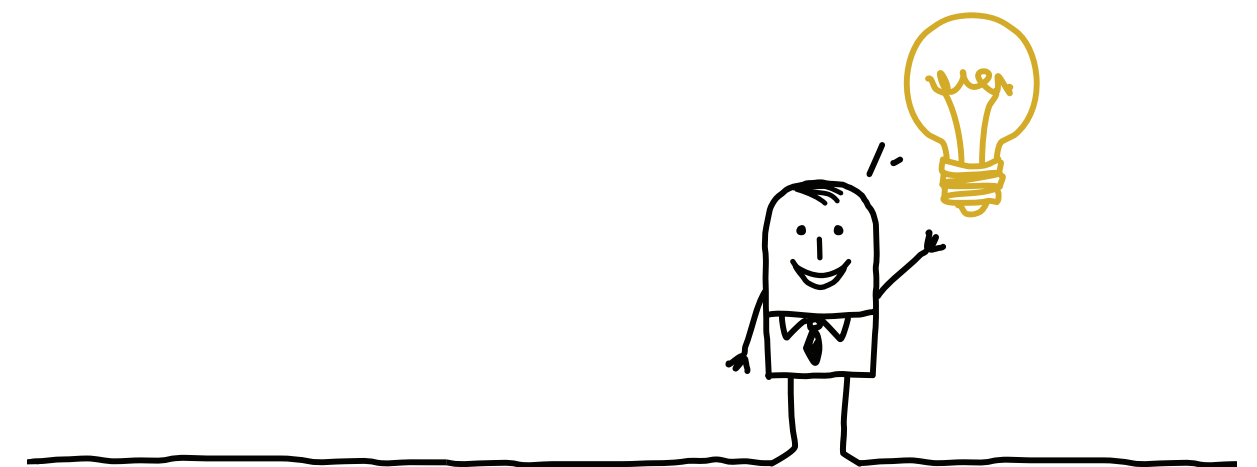
Power Tracker continues to invest in and develop the latest smart grid technologies. We currently have some new products in development that will be released to the market very soon.

## Keep up to date

To keep up to date with the new and innovative products being released by Power Tracker, register your details on the mailing list.

## In the pipeline

- Smart LED lighting
- Smart light switches and dimmers
- Home automation
- Smart phone applications
- Smart circuit breakers
- Commercial three phase metering
- Heating/cooling control
- In home display screens



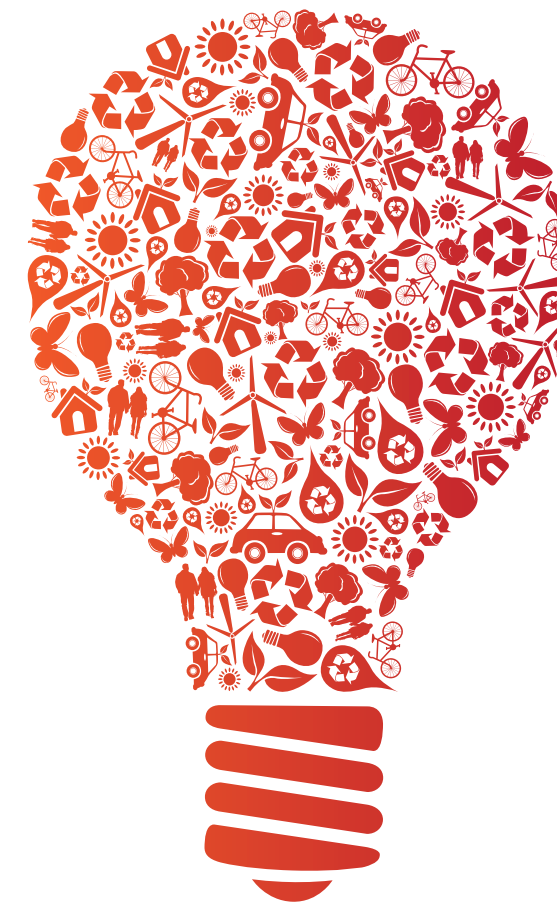


## Sustainability Promoting your investment

By conducting an energy audit, our team will provide you with an energy management solution.

The Power Tracker team can also assist you with the internal and external promotion of your sustainability management plans. Ensuring that you market the investment, this can provide your business with a clear advantage when promoting your organisation.

Generating positive media coverage and cross-promotions can have a highly positive impact on your business' profile and bottom line.



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