



TRACKIE
FOCUS THE ENERGY.

CAPABILITY STATEMENT

We build sustainable, long term energy solutions for businesses that care about the environment (and want to save money).

www.trackieind.com.au

Trackie Industries

Energy-efficient to the core



For over 30 years, the team from Trackie Industries has been installing air conditioning, which has since evolved to include solar panels and LED lighting. This has created the opportunity to see first-hand the benefits that energy-efficient design and installation brings for both our clients and the environment.

Since commencing our commercial energy audit service just 3 years ago, Trackie Industries has undertaken many energy audits for clients seeking to make their buildings more energy-efficient. To date, our clients have saved hundreds of thousands from their energy bills and many have qualified for energy efficiency grants.

As a result, we set ourselves an ambitious goal of helping our clients to save over \$5m in energy bills over the next 5 years as a tangible measure of the impact Trackie Industries can make on minimising our environmental impact. At Trackie head office, we practise what we preach with a paperless office, low energy consumption air conditioning, solar panels and motion detected LED lighting.

We welcome the opportunity to share our expertise in how you can make your buildings energy-efficient to minimise your environmental impact and your energy bills.

Return on investment focussed



Our mission is to develop long-lasting client relationships where we work together with businesses to create a more sustainable future for not only our environment but also our clients economic future. We want to see our client's organisations flourish by keeping energy costs down so they can get on with doing what they do best.

Strong relationships have been at the core of what we do. By being involved with business chambers, community energy education groups, school groups, charity organisations and social groups with business leaders, we continually build our networks and knowledge across many differing sectors.

From having an early environmental conscience, we are driven to deliver cost-effective energy-efficient solutions that go towards helping everyone into the future – power for generations.



WASABE Awards Finalist

HVAC Woman of the Year 2019 finalist

Electrical Licence

Air Conditioning and Refrigeration Licence

Content writer LookUpStrata

We make the process of becoming energy-efficient so easy

Our disciplined five-step process thoroughly delivers maximum energy efficiencies.

STEP 1 - ANALYSE

Your facility will be reviewed so that power monitoring for your energy audit can cater to your site's specific needs.

The wireless, cloud-based, device-level energy monitoring system will be installed to track precisely where your power is being consumed.

Your energy data will be reviewed, and areas of wastage identified.

STEP 2 - RECOMMEND

You will receive recommendations for air conditioning, lighting and electrical fit-out along with a cost-benefit analysis of the potential savings.

STEP 3 - ADVISE

We'll share our industry knowledge and experience for your eligibility for various grants.

We also provide advice to procure the best gas and electricity vendors/tenders for your needs.

STEP 4 - ACTION

We undertake any required air conditioning, electrical or lighting work in line with the approved recommendations.

STEP 5 - ONGOING

You'll receive ongoing energy invoice validation and correction and conduct real-time energy monitoring and alert systems.

SERVICES

Air Conditioning

The average energy cost of a building HVAC system is between 40% and 60% of a company's total energy spend. This means there is a huge opportunity to reduce energy spend and improve efficiency. This is why we take so much care in the design and engineering of each building.

From simple single office air conditioning control to advanced Building Management Systems, we examine all options to find the best possible fit for your situation.

With over 30 year's experience with control optimisation, drive options and engineering, you get the best possible outcome.

Commercial air conditioning - expertise in design, selection, installation and service of the latest systems. Planned maintenance and breakdown service for all air conditioning needs.

Ventilation systems - using the latest technology such as solid-state carbon monoxide car park control and energy-efficient electronic commutated fans.

System upgrades - we retrofit existing systems for better performance and lower energy use, including motor drive improvements, cooling tower replacements, building management systems to complete system upgrades.

Government grants - ESC rebates accessed on behalf of our clients for energy efficiency upgrades.

SERVICES

Electrical

Trackie provide an extensive range of electrical services including electrical and maintenance, or installations and upgrades. We are well equipped to provide comprehensive electrical service and maintenance.

All our electricians are qualified, licensed, experienced and insured. You can rest assured that our professional electricians can assess the problem and offer a solution to address the issue. Electrical service is our speciality – Trackie electricians are passionate about electrical solutions and will work hard to help you maintain electrical productivity.

General electrical services - commercial and industrial light and power requirements.

Secure power systems - uninterruptable power supply and generator design, installation and service.

Power factor correction systems - design, installation and service.

Solar power systems - viability and cost analysis, design installation and service, assistance with government grants for STC and LGC rebates accessed on behalf of our clients.

SERVICES

Lighting

There are many good reasons to seriously consider the positive impact a commercial LED lighting installation can have on your business. LED Lights are one of the most cost-effective and energy-efficient ways to save your electricity bill and reduce your environmental impact. The average payback period of a new installation of LED lighting is between one and two years.

Plus, you can expect to see that ROI extend to beyond 12 and 15 times the original investment. That is in addition to the energy savings during that same time.

LED lighting design and installation – offices, factories, emergency lighting and car parks.

LED lighting retrofits – exchange existing fittings for improved lighting levels and energy efficiency.

Government grants – ESC rebates accessed on behalf of our clients.

High-performance sports LED - lighting design and installation.

SERVICES

Commercial Energy Audits

A commercial energy audit on your building will identify locations where your energy use fluctuates the most. In other words, where you use - or lose - the most energy is considered a weak spot in your building energy efficiency plan. Once identified, any trouble areas can be treated as soon as possible with business energy solutions that can reduce your energy usage.

Of course, reducing your energy use also reduces your energy costs, so this is where you can create big wins - both for your business and for the environment.

We provide you with clarity and transparency about where your business is using power and the best options for saving.

Analysis - our device-level energy monitoring system will be installed to track precisely where your power is being consumed. Your energy data will be reviewed, and areas of wastage identified.

Benchmarking - electricity and gas invoice analysis.

Solutions - recommendations and cost-benefit analysis for which areas will provide the best return on investment. Advice on availability and access to grant funding.

Vendor management - electricity and gas procurement and tendering service accessing the best contractual parameters and cost factors.

Monitoring - ongoing energy invoice validation and correction. Real-time energy monitoring and alert systems.



Asurion revamps their lighting – saving 95% in electricity usage

Asurion Australia specialises in large volume mobile phone repairs for both Optus and Telstra. They were experiencing major lighting issues as the existing T8 fluorescent tubes were ineffective for the visually demanding work of their employees. To compensate, desk lamps had to be placed at each workstation. Further, the business required 24-hour illumination in order for their video surveillance equipment to be effective, even when the business was closed which was a major cost component of the energy bill due to the T8's inefficiency.

Trackie recommended a low glare, edge lit Skyline LED panel be installed as it is an energy efficient retrofit solution to conventional fluorescent fitouts. At Asurion, the Skyline produced approximately 42% more light than the existing lights meaning desk lamps were no longer required. Prior to the upgrade it was costing Asurion \$6 p/h to run the lights and post upgrade just \$0.50 per hour. In addition, fewer circuits were needed to run during the evening for security purposes which took the overall energy savings to 95%.

New air-cooled water chillers result in over \$57k in funding for Marina Square



Marina Square is a new retail, commercial, and residential development in Wentworth Point. They required air-cooled water chillers to service their HVAC system that filtrates across the large 12,000 sqm retail centre. The standard equipment installed in similar projects had proved to be inefficient and the cause of expensive ongoing costs. However, the alternative high efficiency HVAC equipment had been avoided due to an even more expensive upfront cost.

In order to qualify for Government incentive funding for high efficiency equipment, Marina Square needed to choose the right equipment, brand, and model. As a result of the process with Trackie, Marina Square successfully received \$57,198 in funding for installing high efficiency HVAC equipment. In addition, the estimated ongoing annual savings in electricity costs exceeded \$44k per year.

Audit reveals \$11k wastage during off-hours consumption



The Trackie monitoring system highlighted \$8K per annum of power consumption from air conditioning that was running outside of operating hours. Similarly, many of their air conditioners were running fans without the compressor which meant no cooling or heating was occurring which accrued a further \$3K per annum of energy wastage.

This small not for profit facility made some simple behavioural changes that resulted in \$11k savings per year.

A word from our clients

“Most cost effective, best warranty, pre and post monitoring of power consumption, and completion of all the ESS paperwork.”

Deborah Lockart - Strata Manager

“The carpark now has no random lights left on, they’re sealed so no bugs and spiders reside there, and we are no longer changing bulbs that have blown.”

Poppi Pappas - Strata Manager

“Not only have Trackie been able to keep our old systems running but they have managed to make them run more efficiently.”

Ang Ly - 710 Split

Some of our clients include:



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