



## Company Profile

Tropical Energy Solutions Pty Ltd provides turn-key solutions for on-grid and off-grid energy generation, energy saving and demand management applications.

***We identify, promote and implement solutions that are clean, reliable and economically viable.***

Our business is focussed on delivering products and services that suit tropical environments and conditions. With offices in Townsville, Australia, we work in close cooperation with leading manufacturers and their representatives.

The business operates in three core areas:

- 1 - **Technical Services** for the engineering, project management and installation of innovative energy solutions including the complete development and installation of hybrid and off-grid power systems for remote areas.
- 2 - **Energy Management Services** for the development of Energy Management Systems, Energy Auditing, Tariff Analysis and Demand Management Strategies for government, commercial operations and property developments.
- 3 - **Education Services** for the training of personnel in renewable energy generation and sustainable energy management techniques.

Tropical Energy Solutions identifies products, technologies and procedures that have demonstrated their ability to provide reliable energy solutions in non-tropical or semi-tropical environments. These are verified by us against the requirements under tropical conditions and, where necessary, are modified to meet these requirements. In addition we utilise products and procedures with a proven track record in the tropics.

The provision of affordable energy solutions with positive cost/benefit ratios and the identification of emerging applications and markets is the overarching goal for all our business operations.

Townsville is recognised as Australia's *Centre of Excellence in Tropical Science and Design*. It is the engineering and logistics hub for the North Queensland region and is Australia's largest tropical city.

The company's operations in Townsville enable us to work in a true tropical climate with the infrastructure and services of a dynamic industrialised marketplace. Public and government support for innovative energy concepts has given Townsville the status of Queensland's only "Solarcity". It is the host for a \$30 million installation of photovoltaic and demand management equipment to provide power for an entire suburb.

The North Queensland region has a strong demand for stand-alone power systems to cater for mining operations, primary producers, other remote facilities and private residence. Established links to neighbouring nations are currently being developed to service these international markets.

## Director Profile – Adam Wilson

Adam’s career began in the Finance and Insurance industry following his graduation from Ignatius Park College in 1997. Beginning this chapter in retail finance Adam soon moved into the commercial sector, and enjoyed many years working with local businesses.



In 2007, family health issues forced Adam to reassess life-goals, and a career change soon followed, beginning his training as an Electrical Fitter/Mechanic. During this time Adam was a finalist in the Apprentice of the Year 2009, 2010 saw further opportunity for trade training and another nomination as he began studies in his second trade, Mechanical Fitting. Upon completion Adam worked as a dual trade employee within the rail industry. Adam specialised in DC traction, mobile power generation, industrial control systems, and fail-safe monitoring systems until 2015 when he took on the role as Regional Maintenance Leader. This position saw the co-ordination of maintenance and modification works on over 2000 units of rolling stock.

Adam has lived off-grid with his wife and son since 2011, having no access to power or council utilities he understands what an efficient, reliable, productive energy solution means to a family or operation. He is committed to provided solutions that not only meet but exceed expectation.

In April 2018 Adam took control of Tropical Energy Solutions to provide clean, reliable and affordable energy systems that are fit for purpose and meet the specific requirements of tropical environments.

### Company Contact Details

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For more information please visit our website [www.tropicalenergysolutions.com.au](http://www.tropicalenergysolutions.com.au)

### Affiliations

- Member - Australian Solar Council (ASC)
- Member - Australian Energy Storage Council (ESC)
- Accredited – Clean Energy Council (CEC)
- Accredited - Solar Gold Certified Installer
- Member – Sustainable Townsville Limited
- Partner – Ergon Energy Trade Ally Network + Member of Preferred Contractor Panel (PCP97)