



sustainable energy solutions

Urban Energy Australasia Pty Ltd is a wholly Australian-owned company.

Based in Sydney, we were formed to meet a segment that wasn't being catered for in the way the market requires.

We are the market leaders in our field and specialise in providing our clients with engineered solutions which are both innovative and environmentally responsible.

Urban principal engineering disciplines are mechanical services, however, over the years these have expanded to include:

- environmentally sustainable design
- electrical, hydraulic and acoustic installation
- project management; and
- fully extended maintenance agreements.

Urban Energy has enjoyed a 300% growth over the last two years whilst increasing our expanding range of Cogeneration (or combined heat and power) Trigeneneration.

Our reputation has been built through integrating state of the art technologies into all designs and getting a clear understanding of our clients' requirements.



about us



Urban Energy Australasia is an equal opportunity employer. We strive to enhance the careers of all our staff through continued training, practical experience and mentoring.

Our graduate engineers are given the opportunity to work hands-on with our installation teams to gain the necessary experience and exposure to the practical principals of project management. This will enable us to design more cost-effective and user-friendly installation processes.

Urban Energy is constantly striving to reduce the cost of renewable energy solutions and encourage all our staff to be a part of the solution of sourcing and developing new and innovative products.

Urban Energy prides itself on formulating a close working relationship with all its clients - taking the time to understand their requirements and providing them with the innovative solutions they expect, while still ensuring that we recommend the most desirable environmentally-friendly outcome.

our people

Our aim is to provide clients with the best products to achieve the desired outcomes whilst delivering the most innovative and environmentally-sustainable solutions. We apply this philosophy with all our clients and the broad cross-section of products and services we deliver. This is demonstrated in all the projects that we undertake.

Urban Energy Australasia project capabilities include:

- *Hospitals & Medical Institutions* • *Educational Facilities* • *Commercial Office Buildings*
- *Large Residential Developments* • *Data Centres* • *Aquatic Centres*
- *Heritage Listed Buildings* • *Infrastructure* • *Retail Centres*
- *Large Domestic Infrastructure*

Our client base is comprised of a large list of prominent builders and

Government Organisations:

- *Sydney West Area Health Services*
- *Department of Infrastructure Planning and Natural Resources*
- *Bovis Lend Lease*
- *Mirvac Projects*
- *IKEA Australia*
- *St. Kilda Football Club*
- *CSIRO*
- *Multiplex*
- *City of Sydney Council*
- *Wollongong University*
- *Energy Australia*



our designs and philosophy



Urban Energy Australasia work closely with key consultants in the design process to achieve their client's requirements.

Our staff work closely with accredited consultants to supply the NABERS ratings for the built environment as administered by the Department of Environment and Climate Change (DECC). We strive to achieve the much sought after five star "Greenstar" rating which sets the benchmark for ecologically sustainable design and environmental performance for commercial buildings in Australia.

Our team performs comprehensive modelling during the design phase to ensure that required performance parameters can be met.

All our CHP units are monitored 24 hours a day from our offices and offer a full comprehensive maintenance schedule.



quality control

Urban Energy Australasia has incorporated a myriad of specialised technologies in recent projects - these include a 4,000m² private residence in Jakarta where we included a 30kW Cogeneration unit absorption chiller as well as installation of in slab pipe for cooling and chilled beams,. We also installed a large solar field to give the overall system 90% efficiency - **a world first.**

Our innovative and can-do attitude has lead us to become the market leader in the design and installation of Co- and Trigeration technology into new (or retrofitting to existing) buildings.

There are two main criteria with our clients:

- to meet the environmental targets
- to be commercially viable

With these in mind it is vital to have the necessary skills to produce a comprehensive feasibility case study to verify the commercial variability.

Urban Energy Australia is currently engaged in the complex design and viability of utilising Trigeration on 9 buildings in the Sydney CBD - the brief being to greatly improve the energy efficiency of the buildings while helping the City of Sydney to achieve its energy blueprint for the future.



project management



In addition to the projects that Urban Energy Australasia is currently working on we have just been commissioned to supply and install a Trigeneration unit for Energy Australia's new state of the art training facility.

The unit will not only supply energy to the building but will also showcase and train a new generation in the technology that is available today. We see this as an equally important part of the process of minimising the impact on our environment in the construction of new developments.

Urban Energy Australasia expansion plans include the opening of offices in every state and territory of Australia, as well as an office in New Zealand.

We opened our first office in Melbourne in late 2009 and plan to open our Queensland office in 2010.

into the future

