

INNOVATIVE SOLUTIONS BY EVO ENERGY TECHNOLOGIES

Unique engineering approaches to meet tomorrow's challenges



THE ULTIMATE SOLUTIONS FOR IMPROVED ENERGY EFFICIENCY



EVO ET SOLUTIONS

2G Cogeneration - Natural, Biogas & Hydrogen

Biogas Components

Biomethane Plant Solutions

EvoHeat Heat Pump Systems

Heat Recovery Technology

Specialised Heating and Cooling Applications

ENVIRONMENTAL RESPONSIBILITY & COMMERCIAL PROFITABILITY

EVO ENERGY TECHNOLOGIES SOLUTIONS

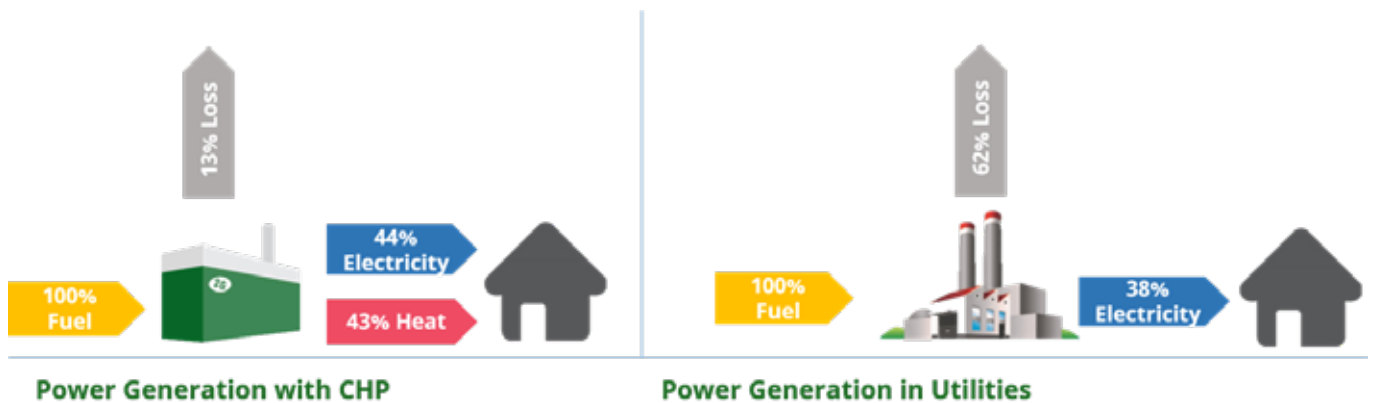
Evo Energy Technologies is 100% Australian owned company dedicated to saving our customers energy. Our energy efficiency and be the first choice partner in the reduction of energy use to our clients.

We offer the Australian market the best possible solutions in the fields of cogeneration, heat pump and heat recovery. Australia have been delivering successful projects across Australia, New Zealand, Oceania, Thailand, Fiji, Maldives.

THE AUSTRALIAN DISTRIBUTOR OF 2G COGENERATION SYSTEMS

Evo Energy Technologies is the Australian distributor for 2G Cogeneration systems who are the world's leading biogas cogeneration manufacturer having installed over 5,500 plants across 43 countries.

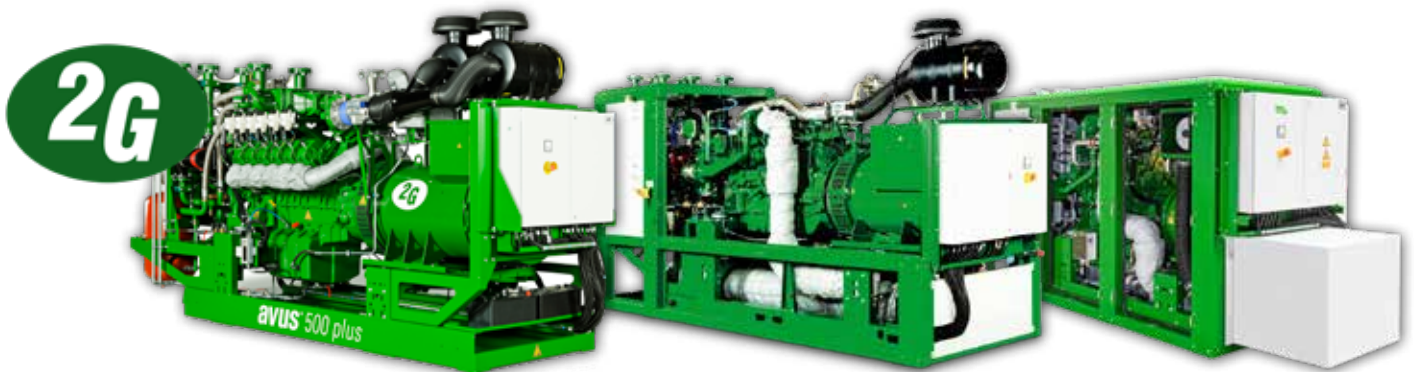
2G manufacture cogeneration systems from 20kW to 4000kW electrical capacity that provide electrical efficiencies up to 44%. Designed to use biogas, natural gas, landfill gas or hydrogen gas - 2G CHP systems offer the best opportunity for a successful return on investment.



COGENERATION SOLUTIONS THAT FIT YOUR NEEDS

Not every facility is the same - we provide custom solutions to meet requirements of your facility. We can deliver a complete package with integrated additional components, such as absorption chillers, gas treatment, production of steam and hot water and emission control systems.

We offer complete end to end solutions with a full range of service from supply only to full turn key installations with on-going maintenance and support. Our staff have many years of experience in cogeneration, including design and feasibility, biogas production and processing and gas safety and we have the only factory trained and certified staff to service 2G systems.



Applications: Abattoir | Agriculture | Biogas Plants | Food Industry
Landfill Sites | Sewage Treatment | Water Waste Treatment Plants

We can design, supply, install, commission, maintain & offer a full range of service from supply only



mission is to reduce energy costs by providing superior technology for improved

recovery technologies. For over 15 years, Evo Energy Technologies and our sister company Evo Industries Malaysia, Vietnam and India.

BIOGAS COMPONENTS

We have sourced superior biogas products from leading engineers and suppliers from Europe and can supply a full range of biogas components, including:

- Biogas blowers
- Biogas flares
- Biological gas cleaning
- Biological desulphurization
- Biogas storage solutions
- Biogas boilers
- GENSET heat recovery
- ORC (electricity from heat)
- Remote monitoring & control

BIOMETHANE PLANTS

Evo Energy Technologies supply ETW Biomethane plants. Engineered in Germany, ETW biomethane plants are known for their efficiency and set the benchmark for energy consumption, gas purity, and operating costs.

- Suitable for upgrading gas from waste, land-fills and waste water treatment plants
- A broad purification capacity range that goes from 200 to 10.000 Nm³/h
- CH₄ concentration in the product gas can be set from 95 - 99%
- Lowest energy consumption of \leftarrow 0.14 kWh/Nm³ including pre-conditioning
- Plant availability of \rightarrow 99%

HEAT PUMP TECHNOLOGY

Heat pumps are an extremely efficient means to heat water. By partnering with world leading manufacturers, EVO offer the latest heat pump technology that no other company can provide. Our solutions provide outstanding energy savings which in turn gives the best opportunity for a successful return on investment.

With the latest EVI Scroll technology, our heat pumps can heat water up to 80°C or extract heat from ambient air as low as -25°C.

For even better efficiencies, we can extract heat using our water to water heat recovery technology from other water sources such as grey water, condenser water or process water. Our heat pump systems can operate with a C.O.P. of up to 5 - this means for every kilowatt of electrical energy in, we achieve 5 kilowatts of heat energy out.



SCAN HERE TO SEE MORE ABOUT OUR SOLUTIONS

to full turn key installations with on-going maintenance & support available from factory trained staff.

RECENT PROJECTS



Rivalea Australia

3 x custom-built
2G Avus 550 Plus
Biogas CHP units



Martin Place

2G Agenitor 206
220kW Natural Gas
CHP unit



Teys Australia

2G Avus 500 Plus
Biogas CHP &
Biogas Scrubber



Southern Meats Australia

Biological
Desulphurisation



Mount Martha Sewage Treatment Plant

360kW Agenitor 408 CHP
unit, 2 tank Activated Carbon
Biogas Scrubbing systems



Kilcoy Pastoral Co

2 x 1.2MW Biogas CHP units,
1 x 1.5MW CHP unit,
Biological Desulphurisation
Treatment System

SCAN HERE TO SEE MORE PROJECTS



EVO ENERGY TECHNOLOGIES

P: 1300 859 933 | E: sales@evoet.com.au

www.evoet.com.au