

AWAPUNI CO-GEN / DUEL FUEL / NATURAL GAS / METHANE GAS



LOCATION/SITE	CLIENT	DATE	DURATION
Palmerston Nth, New Zealand	Palmerston Nth City Council	2010	38 Weeks

PALMERSTON NORTH, NEW ZEALAND

PROJECT OVERVIEW

To provide dual fuel CHP generation facility to provide solutions for the sustainable energy market.

OUR INVOLVEMENT

Eneraque designed, manufactured, installed, commissioned, operates and maintains a 750kWe Combined Heat and Power (CHP), with a dual fuel (Natural Gas and Digester Biogas) at the waste water treatment plant. The project scope also included the biogas conditioning equipment. Eneraque was responsible to ensure the process and technology conformed to critical specifications for protecting the downstream generator.

OUTCOME/BENEFITS

- Manufactured in Australia, to Australian and New Zealand Standards
- Specialists in biogas engines and associated technology
- Capable of field gas gathering system installation, operation and maintenance of biogas conditioning equipment
- In house design of control system philosophies
- Fire and gas detection systems
- Sound attenuation, weatherproof enclosures
- Factory Acceptance Testing Facility
- Spare parts stock

CO-GEN SPECIFICATIONS

- 1 x 750 kwe gas generator duel fuel
- 1 x duel fuel gas train
- Waste/fresh oil storage
- Gas conditioning