



All Energy Pty Ltd
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ENERGY STRATEGY – OPERATIONAL FACILITY BIOENERGY AND EFFICIENCY

Client: B.E.Campbell – Hilltops Facility

Scope: Starting with a mass and energy balance to define the main sources and sinks of power and thermal energy, a long list of bio-energy and energy efficiency options were then defined with a preliminary economic analysis.

The long list was then refined to a short list for preliminary engineering design capital estimation and cost saving estimates for technologies including dual fuel natural gas / biogas combustion, ammonia de-superheating, flue gas heat recovery and biogas cogeneration.

