



All Energy Pty Ltd

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Renewable Energy

FROM AGRI-WASTE

Client: Rural Industries Research & Development Corporation (RIRDC).

Scope: Waste from energy and energy efficiency options for reducing power, thermal heating and waste management costs at brooder (meat chicken grower) facilities.



A basis of design and technical specification was generated to obtain equipment vendor budget pricing.

Capital cost, operating cost and revenue implications were assessed for various technologies including pyrolysis, gasification, solid state anaerobic digestion, combustion and then compared to a wide range of energy efficiency options including power factor correction, battery energy storage, motor efficiency and energy management systems. This enabled a “like with like” comparison between waste to energy and energy efficiency options.

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