



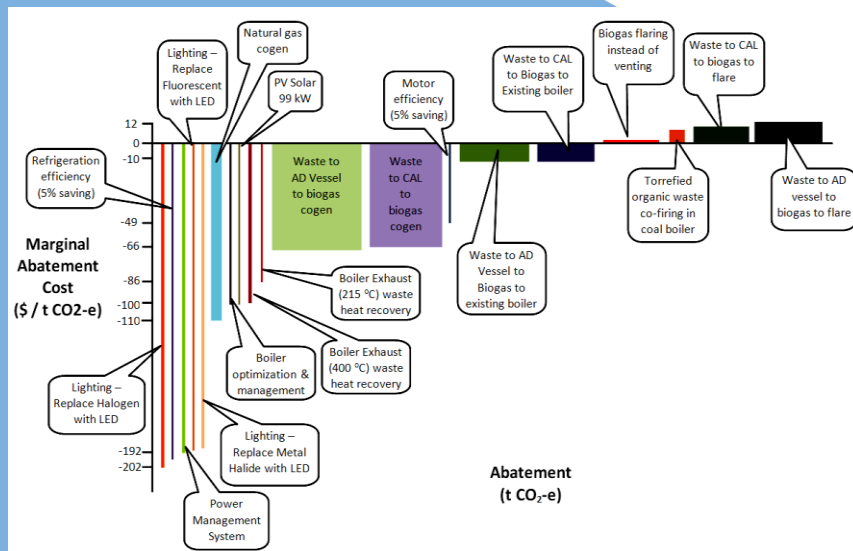
All Energy Pty Ltd
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ENERGY STRATEGY

COST-BENEFIT ANALYSIS OF ON-SITE ENERGY INNOVATIONS
UNDER THE EMISSIONS REDUCTION FUND

Client: AMPC

Scope: Cap ex estimation, Cost-benefit, energy cost analysis and Marginal Abatement Cost Curve (MACC) for on-site generation and energy efficiency options under the Australian Federal Government's Emissions Reduction Fund (ERF).



A mass and energy balance was generated to determine the waste to energy, energy generation and energy efficiency options for a typical Australian meat processing facility. A basis of design and technical specification was generated to obtain vendor budget pricing for plant including in-vessel and covered anaerobic lagoon digesters, biogas and natural gas co-generation, biogas firing in boilers, and a range of energy efficiency measures including power management systems, waste heat recovery, compressors, and high efficiency motors.

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