



All Energy Pty Ltd

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# CONCENTRATED SOLAR THERMAL PLANT - RENEWABLE ENERGY & EMISSIONS REDUCTION

## Client: **Climate Friendly**

Scope: Creation of a mass and energy balance for an industrial processing facility to determine options for the generation of process steam via a concentrated solar thermal (CST) installation rather than the use of steam raised from a coal fired boiler.

The operating capacity of the CST system and heat storage options were taken into account in order to determine the potential to reduce coal combustion. The greenhouse gas (GHG) abatement potential was estimated in keeping with the Federal Government's Emissions Reduction Fund (ERF) Industrial Electricity and Fuel Efficiency (IEFE) Methodology.

