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Renewable Energy System Design and Consultancy Services



rise
Research Institute for
Sustainable Energy

Background

Governments and industries around the world are increasingly looking for ways to reduce the greenhouse gas emissions from their operations. Improving the efficiency of energy use is often the lowest greenhouse gas reduction option available and is also very often a useful means of effectively reducing operating costs.

Installing renewable energy systems is also an effective way to reduce emissions and increase self-sufficiency in energy supply. RISE can provide expertise in the design of renewable energy systems to client specifications and the preparation of the subsequent tender documents.

The RISE energy management & renewable energy system design team, comprising qualified engineers and consultants with significant industry and sustainable energy experience, can provide the following services:

Services

Renewable energy system design - access to accredited renewable energy designers and expertise in "eco-architecture" for energy efficient building designs and retrofits.

Independent commissioning tests - independent assessments of renewable energy systems & components to validate manufacturer's claims.

Renewable energy system appraisals and tender evaluations - independent financial and technical appraisals of proposals for renewable energy system installations.

Life cycle cost benefit analyses - economic analysis and feasibility of energy management policies and strategies to reduce emissions.

GHG emissions abatement strategies - investigate and develop GHG emission mitigation strategies for government & industries.

Local and state government programs - assist councils and government organisations achieve and exceed their emissions reduction targets and create and maintain energy and emissions databases.

Recent Consultancy Services

Include an independent technical and financial appraisal of a proposed solar power station for the City of Kalgoorlie-Boulder, and an assessment of the options available to the Bunnings Warehouse group to reduce the greenhouse footprint of its stores across Australia.



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