

## Project Examples

QLD GOVERNMENT – Thursday Island 30kWp Solar System Design, Installation & Data-Logging  
POWERSAVVY PROGRAM - Over 50 Commercial Energy Audits for Ergon Energy  
METALS FINANCE AUSTRALIA – CSP Feasibility Study & Power System Specification  
GE CHEMICALS – Energy Auditing for a Brisbane Chlorination Plant  
ERGON ENERGY – Energy Efficiency Training & 56 Energy Audits for Ergon Energy Depots  
LADY ELLIOT ISLAND - Design, Supply and Commission for a 110kWp Hybrid Power Station  
AUSINDUSTRY BESB PROGRAM – Commercial Energy Efficiency Training for QLD/NT SMEs  
REEF HQ AQUARIUM – 150kWp Solar System Feasibility Study & Project Management Services  
ADVENTURE WHITSUNDAY RESORT – Energy Auditing Serves for a Family Owned Resort  
JAMES COOK UNIVERSTITY – Installation of 3 Ground Mounted PV Solar Arrays + Wind Turbine

## Energy Management & Technical Services

### Tropical Energy Solutions Pty Ltd

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saving energy  
for a brighter future



# Professional Energy Services

TROPICAL ENERGY SOLUTIONS offers a range of professional services to suit your business needs. As tropical climate specialists, we understand your environment and deliver solutions for your projects in Australia and the Pacific Region.

From targeted site specific initiatives to corporate energy management strategies, we have the experience to provide your business with reliable and affordable energy saving solutions.



## ENERGY MANAGEMENT

### YOUR BENEFITS

Energy management services enable your business to gain a competitive advantage by reducing operating costs, energy consumption and greenhouse gas emissions. Tropical Energy Solutions can help you to identify and implement consumption and cost saving opportunities, delivering your business financial savings long into the future.

### OUR SERVICES

Tropical Energy Solutions are CMVP and EcoBiz accredited. We provide:

- COMMERCIAL ENERGY AUDITS
- CERTIFIED MEASUREMENT AND VERIFICATION SERVICES
- ENERGY MANAGEMENT PLANS
- ENERGY EFFICIENCY TRAINING

These can be implemented in an individual or modular approach to suit your business.

### OUR EXPERIENCE

Tropical Energy Solutions has delivered over 150 (AS/NZS 3598:2000 compliant) commercial energy audits covering businesses across the Australian continent and the Torres Strait. Our clients include tourism operators, retail franchisees, utility depots, government buildings, and large chemical plants consuming over 100 MWh/day.

As certified trainers, we have designed and delivered energy efficiency training to hundreds of operators across QLD. We also understand the latest technologies and corporate reporting structures to provide customised Energy Management Services for your business.



## TECHNICAL SERVICES

### TECHNOLOGY FEASIBILITY STUDIES

Want to define the power requirements for a remote mine site? Size a hybrid power station for an island resort? Or install building integrated PV on your shopping centre? Tropical Energy Solutions will determine the technology and system requirements that are right for you.

Feasibility studies are often the first step in our larger commercial and industrial projects. We work with you to identify the options that meet your energy needs and support your corporate decision making processes. This allows us to deliver efficient and reliable energy generation solutions for your organisation.

### TENDER SPECIFICATIONS

Tropical Energy Solutions provides your business with accurate tender data and relevant selection criteria to enhance your tender process. We can also act as independent experts for your tender evaluations process.



## PROJECTS

### Lucky Break Minerals Processing Plant

- CSP Station Feasibility Study
- Load Profiling & PV Design

### City Council Waste Services Audit

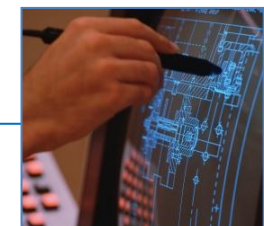
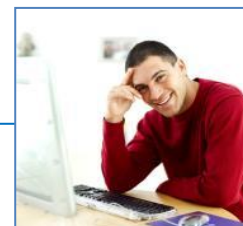
- \$19,000/pa Energy Savings Identified
- 8000kg/pa GHG Reductions Identified

### AusIndustry SME Training Program

- Energy Efficiency Training & Mentoring
- Going Green 'Learn, Do & Save' Program

### Power Factor & Demand Management

- Analysis of current PF footprint
- Identification of targets and solutions



CALL US TO FIND OUT WHAT WE CAN DO FOR YOU: (07) 4772 7394