

Total Energy Solutions

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Organisational Overview

Total Energy Solutions (TES) is a leading provider of Energy Conservation Solutions in Australia. Since it's beginning of operation in 2002, TES is delivering comprehensive energy solutions to a large range of customers throughout Australia including, hospitals, TAFE colleges, Universities, schools, commercial buildings, aquatic centres, police stations and corrective centres. We offer design, construction, maintenance and measurement and verification (M & V) services to our clients using EPC methodology. We are able to integrate a wide range of ECMs such as lighting, HVAC, solar, Cogeneration, smart metering and water conservation into a single EPC to deliver deep cut in utility costs and GHG emissions whilst reducing maintenance costs and increasing asset value.

Company Details

Company Name Total Energy Solutions Pty Ltd
ABN 98 100 816 439
Primary Address in Victorian Government 22 Logistics Street, Keilor Park. Vic 3042
Telephone 03 8331 3800
Website www.tesaaustralia.com.au

Key Contact 1

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Position Managing Director
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Key Contact 2

Name John Connolly
Position Business Development Manager
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Financial Details

Minimum Contract Size No restriction
Maximum Contract Size No upper limit
Public Liability Insurance \$20 million
Professional Indemnity Insurance \$20 million

Accreditations

DTF Victoria EPC Panel
SA GBEEI Program
Queensland Government EPC program
Energy Efficiency Council

Core Competencies

Design, install and commissioning of full range of technologies such as lighting, HVAC, BMS, Power Factor, Cogeneration, Trigeration, smart metering, solar and water.

Building retro-commission and NABERS and Green Star accredited energy star for new and existing buildings.

Comprehensive operation and maintenance services for Cogeneration and Trigeration plants.

Implementation of web based energy analytics for building performance monitoring and utility tracking.

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Service Limitations

TES is experienced with large, medium and small facility EPC upgrades, with no limitations to project size. However increased economy of scale can be achieved when multiple smaller projects or regional areas are grouped and implemented under a common contract. TES also has experience in doing EPC projects whilst the sites undergo non EPC re-development, as well as integrating EPC design elements into the new project specifications.

TES is willing and able to undertake EPC projects throughout Victoria. TES has been providing EPC services to NSW, Qld, Victoria and recently SA metropolitan and regional areas since 2002. TES supports local industry by using local contractors, maintenance providers and suppliers whenever possible.

Previous & Current EPC Experience

Customer	Melbourne Sports Hub – (MSAC)	Description
Project Cost	\$4,111,300	EPC covering Lighting, HVAC, BMS, Water Management, Solar, Trigeneration and other Energy Conservation Measures (ECMs) solutions. Ongoing service and maintenance of Trigeneration plant.
Annual Savings	\$548,171 p. a.	
Payback Period (yrs.)	7.5 years	
Date Completed	January 2014	

Customer	South West TAFE	Description
Project Cost	\$1,512,010	EPC covering Lighting, HVAC, BMS, Water Management, Solar, Cogeneration, Bio-Generation, and other Energy Conservation Measures (ECMs) solutions. Ongoing service and maintenance of Cogeneration solutions.
Annual Savings	\$207,162 p. a.	
Payback Period (yrs.)	7.7 years	
Date Completed	October 2012	

Customer	Sydney Olympic Park Authority (SOPA)	Description
Project Cost	\$1,724,899	EPC covering Cogeneration. Ongoing service and maintenance of Cogeneration, and other energy services solutions.
Annual Savings	\$267,547 p. a.	
Payback Period (yrs.)	6.45 years	
Date Completed	June 2014	

Referees

Referee 1

Title: Glen Hadfield. Manager, Asset Systems and Sustainability
Organisation: Western Sydney Local Health District - (Westmead Hospital)
Relationship: Client
Phone: 02 9840 4191
E-mail: glen.hadfield@health.nsw.gov.au

Referee 2

Title: Dr. Andrzej Listowski, Manager Water & Energy
Organisation: Sydney Olympic Park Authority – (SOPA)
Relationship: Client
Phone: 02 9714 7404
E-mail: andrzej.listowski@sopa.nsw.gov.au

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Referee 3

Title: Jason Batters. Facilities Manager
Organisation: Melbourne Sports Hub – (Melbourne Sports and Aquatic Centre)
Relationship: Client
Phone: 03 9926 1555
E-mail: jasonb@ssct.com.au
