

GUARANTEED BUILDING PERFORMANCE AND EFFICIENCY

Energy Performance Contracting (EPC), an innovative approach to energy and water efficiency



CASE STUDY



ENERGY & WATER PERFORMANCE CONTRACT

AUSTRALIA

Energy and Water Performance Contracting (EPC) is an innovative form of contracting developed to overcome the major barriers to delivering cost-effective energy and water efficiency.

Using EPC the upgrading of energy, water and operational efficiency of the systems in your building is paid for through energy and water savings.

More importantly, energy and water performance contracting identifies ways to reduce energy and more recently, water consumption, leading to lower energy and water bills and reduced energy-related pollution such as CO₂ emissions.

Performance contracting is a team effort to explore improvement opportunities and select desired outcomes. With a performance contract, ECS assumes technology risks and partners in an ongoing relationship for continued improvements.

Performance contracting has been widely used around Australia to provide substantial cost and environmental savings.

If your organisation lacks the time, resources, expertise and capital to fund energy saving initiatives, or you are not sure about the returns from an energy efficient project and want to minimise risk, performance contracting may be the answer.

KEY OUTCOMES

- ENERGY SAVINGS
- MANAGEMENT SAVINGS
- GREENHOUSE ABATEMENT
- CONTROLS SOLUTIONS
- EQUIPMENT & PLANT UPGRADES
- BUILDING PERFORMANCE RATINGS



Lessons & Outcomes

ECS leads the performance contracting industry with over 150 sites under EPC contracts, more than any other EPC provider in Australia. ECS has guaranteed customers millions of dollars in annual savings.

A sample of ECS Energy Performance Contracting case study results

PROJECT	SAVINGS	
Defence Plaza	\$54,115	632 tonnes CO ₂
Freehills	\$31,804	355 tonnes CO ₂
Adelaide Mail Exchange	\$235,000	1,400 tonnes CO ₂
NSW Liverpool Schools Region	\$204,291	1,074 tonnes CO ₂
Canon Australia Headquarters	\$17,400	232 tonnes CO ₂
Local Gov't Assoc. of Queensland	\$10,858	102 tonnes CO ₂
Parramatta Linen Service	\$32,000	500 tonnes CO ₂
State Library of NSW	\$229,000	988 tonnes CO ₂
Hornsby Shire Council	\$178,000	638 tonnes CO ₂
Darebin City Council	\$35,900	390 tonnes CO ₂
DTIE (SA Government) Walkerville	\$390,000	2,400 tonnes CO ₂

Performance Contracting at a Glance

Some reasons to choose performance contracting for your project include:

- Reduction of operating costs
- Facility improvement
- Guaranteed performance
- Outsourcing of non-core activities
- Simplicity of a single provider
- Alternative source of facilities funding
- Access to expertise
- Risk management
- Solution to a specific need
- Environment benefits

Experience in Energy & Water Performance Contracting

ECS has been a pioneer in Australia of the performance contracting method of delivery. From our first guaranteed, savings funded project in 1992 to sophisticated multi technology projects such as for Hornsby Shire Council and Transport South Australia, ECS has been at the forefront of the performance contracting process.

Many of the processes that we used in our early projects are now reflected in the Best Practice Guide of Energy Performance Contracting, published by the Department of Industry, Tourism and Resources in conjunction with AEPAC.

Front Image | Commercial Buildings, turning lights off in unoccupied areas can result in huge energy savings
 1 | State Library of New South Wales
 2 | Hornsby Shire Council Chambers, New South Wales
 3 | Department for Transport, Energy and Infrastructure, South Australia.
 4 | Gower Street, Darebin City Council, Victoria