



# THE DAY THE TRAMS TURNED GREEN

Yarra Trams 'Green Depot' Project

## CASE STUDY



**YARRA  
TRAMS**

**VICTORIA**

The Yarra Trams 'Green Depot' Project saw ECS deliver an array of efficient technological solutions to the Yarra Trams East Preston Depot. In conjunction with Transfield and Yarra Trams, ECS installed flexible, innovative solutions that provide maximum energy and water savings.

With an overall payback period of under five years for the investment, Yarra Trams have not only succeeded in reducing the overall environmental impact of their facility, but have considerably reduced their ongoing energy and maintenance costs - a win-win situation.

In conjunction with other solutions such as photovoltaic cell arrays and new efficient air conditioning, the Yarra Trams East Preston Depot has undergone a complete makeover, with an overall environmental impact of zero emissions as the expected target.

ECS are proud to have been a part of such a comprehensive and exciting project which takes the approach of putting the environment first.

Congratulations to Yarra Trams, Transfield and all involved with the 'Green Depot Project'.

### ENERGY EFFICIENT SOLUTIONS

- ULTRASONIC MOTION DETECTORS
- PASSIVE INFRARED MOTION DETECTORS
- SWITCHING DAYLIGHT PHOTOCELLS
- NEW HIGH EFFICIENCY SKYLIGHTS
- FIXED POWER DIMMERS
- TWIST TIMERS
- PROGRAMMABLE TIMERS
- SOLAR HOT WATER HEATERS
- HEAT PUMP HOT WATER HEATERS

### WATER SAVING SOLUTIONS

- WATERLESS URINALS
- A RAINWATER TANK WHICH HARVESTS RAINWATER OFF THE ROOF TO FLUSH TOILETS
- HIGH EFFICIENCY SHOWERHEADS
- FLOW RESTRICTORS ON SINK AND BASIN TAPS
- NEW EFFICIENT TRAM WASH SYSTEM
- AUTOMATED TANK FILLING SYSTEM



Energy Conservation Systems  
Head Office

The Szencorp Building  
40 Albert Road,  
South Melbourne VIC 3205

Telephone | 03 8807 4600  
Facsimile | 03 8807 4601  
Email | [ecs@ecsaustralia.com](mailto:ecs@ecsaustralia.com)

[www.ecsaustralia.com](http://www.ecsaustralia.com)