



Charles Sturt realises economic value in environmental changes

Charles Sturt University (CSU) is a leading non-metropolitan University with a campus in Bathurst, Wagga Wagga, Albury-Wodonga, Orange and Dubbo, as well as specialist centres in half a dozen additional locations.

CSU recognised a need to significantly reduce the energy usage and costs especially at their two largest campuses in Bathurst and Wagga Wagga. Through its ability to provide unique and guaranteed solutions to provide CSU with the reductions they require, Ecosave won a bid to provide energy saving solutions to CSU at their Bathurst campus. As a result of the success of this project Ecosave was engaged to implement solutions to over 50 buildings at the Bathurst and Wagga Wagga campuses.

Ecosave further assisted the University in funding this project by submitting a grant application on their behalf through the NSW Government's Public Facilities Fund thus increasing the viability of this project.



THE SOLUTIONS THAT HAVE BEEN IMPLEMENTED OVER THE CHARLES STURT UNIVERSITY CAMPUSES ARE:

- Lighting refurbishments and replacements
- Occupancy sensors, daylight harvesting
- Voltage Reduction Units
- Power Factor Correction
- Appliance controls
- Water amenities flow controls, aerators and cistern modifiers

“Ecosave have completed 3 rounds of energy conservation projects for Charles Sturt University at our campuses in Wagga Wagga and Bathurst covering more than 50 buildings. The total value of these projects was around \$1M with savings achieved annually of \$191,257 and 929 tonnes of CO₂”

EDWARD MAHER
AREA MANAGER CSU GREEN DIVISION OF
FACILITIES MANAGEMENT

SUMMARY OF RESULTS

Annual savings
\$191,257

Total investment
\$1 million

Return on investment
19%

Pay back period
5.2 years

CO₂-e savings per year
929 tonnes

Donation of Native Seedlings: Ecosave donates to Greening Australia, one native seedling for every tonne of CO₂-e and every 100 kilolitres of water saved, which additionally enhances the environment.

To find out more about this project or to discuss how Ecosave can help you save money and resources, phone **1300 557 764** or visit **www.ecosave.com.au**