



## University of Melbourne – Law Building

### INTRODUCTION

Established in 1853, the University of Melbourne is a public-spirited institution that makes distinctive contributions to society in research, learning and teaching and engagement. It's consistently ranked among the leading universities in the world, with international rankings of world universities placing it as number 1 in Australia and number 34 in the world (Times Higher Education World University Rankings 2013-2014)

### THE CHALLENGE

The University of Melbourne were looking for an energy saving system for it's Law Building and conducted over 100 hours of research and deliberation into voltage optimisation.

### THE SOLUTION

Following the completion of a comprehensive site survey, analysing the site, a 1150kVA Powerstar MAX, was installed at the University's Law Building, the first electronic dynamic type of voltage optimisation unit installed in Australia.

### SAVINGS AND BENEFITS

Three months after commissioning the installation, using International Performance Measurement and Verification Protocol (IPMVP), results were proven which showed energy savings of 12.75%, surpassing the guaranteed savings of 10.1% and equivalent to the elimination of 268 tonnes of CO<sub>2</sub>.

### KEY FIGURES

➤ **Annual Consumption Saving: 12.75%**

➤ **Annual CO<sub>2</sub> Reduction: 268 tonnes**

### CUSTOMER QUOTATION

*"The energy efficiency of VO systems means that because we are consuming less energy, we are reducing our carbon footprint and CO<sub>2</sub> emissions, which is good news for the planet"*

Harry Troedel, Sustainability Manager  
Implementation, Property and Campus  
Services at The University of Melbourne



The University of Melbourne are saving  
12.75% on electrical consumption

**LITE MAX HV MAX**