



CASE STUDY

CLIENT
130 George Street
Parramatta

PROJECT
Lifts Upgrade

Government Rewards for Lift Upgrades

Over
\$13K
in Government
funding

More than
\$19K
savings p.a. in
electricity costs

87%
decrease in
elevator associated
energy
consumption

THE CHALLENGE

130 George Street is a seven-elevator, 14-storey office building with underground parking in the centre of Parramatta. In 2015, with rising energy costs and the elevators nearing the end of their operational life, an upgrade was initiated.

Post upgrade, raw data recorded from the sub-metering of the elevators indicated reductions in energy consumption, but precisely how much could not be accurately measured.

In order to qualify for Government financial rewards, the building's owners required a solution to quantify, track and record energy consumption and potential savings.

THE SOLUTION

Energy Conservation were engaged to provide the expert analysis and data interpretation to calculate cost savings and generate financial rewards.

Comparing pre-upgrade and post-upgrade data, Energy Conservation compiled information to report accurate energy consumption usage, which was then submitted for rebates in the form of Energy Savings Certificates.

THE OUTCOME

In the first year, all elevator-associated energy consumption decreased by 87% and modelling predicts an average saving of 83% per year over eight years. Over the same period, in excess of 135 mega-watt hours and \$19,300 in electricity costs will be saved per annum.

In addition, \$13,500 in Energy Savings Certificates were delivered as financial rewards to finance further sustainability projects.

ENERGY
CONSERVATION

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