

CASE STUDY

Product: Light Eco® 4.8

Customer: Ritz Tower Condominium

Customer Contact: Available upon request

Location: Ayala Avenue Makati City, Philippines

Investment: AUD\$4,600

Annual Savings: AUD\$7,400

Return On Investment: 161% (simple payback = 7.5 months)

Greenhouse gas savings per year: 28 Tonnes of CO₂ equivalent



Project Description:

Having been appraised of Light Eco®'s minimum savings guarantee, Ritz Tower management began a program of rationalizing and consolidating their electrical circuit panels (circuit boards). The panels were approaching the end of their serviceable life and thus due to be upgraded as electrical rewiring and the installation and addition of electrical equipment through the years had seen many minor works added to what was now reaching the extent of its safe design parameters.

With Light Eco®'s minimum savings guarantee, the Ritz Tower management were now able to fund the upgrade by freeing up funds normally spent on electricity consumption.

New panels and Light Eco® units were installed. Measurements taken during installation showed an average electricity bill savings of 27% or AUD\$7,400 (P280,400) per year. This calculated to an annual energy savings of 28.59 MWhr.

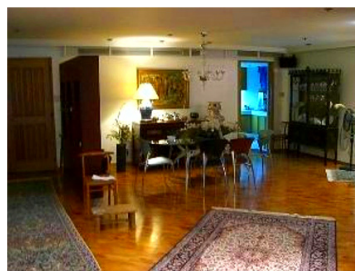
Site Description:

The Ritz Tower Condominium is a twin tower edifice situated along Ayala Avenue, right in the heart of the premier commercial district of Makati City in the Philippines.

With 27 levels of residential units and a penthouse on each tower, the condominium is well known to provide residence to some of Manila's top businessmen and celebrities.

Its two levels of underground parking space, operating 24 hours a day - seven days per week, has an average annual energy consumption on lighting alone of 115 MWhr with a cost of AUD\$2,500 (P93,500) per month for a total cost of AUD\$29,900 (P1,122,000.00) per year.

Carpark operating hours such as those quoted in this case study are ideal situations for Light Eco®.



The information in this Case Study is for the use of ecoBright® customers. For advice or more information on ecoBright® products and applications please contact staff at:
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