

Case Study – Strata LED Lighting Upgrade in Carpark and Fire stairs

4 buildings with 1 level of basement carparking in Cammeray, Sydney

Challenges

- There were 98 fluorescent lights in the carpark and 33 LED lights without motion sensors in the fire stairs which were consuming more than 35% of total electricity usage.
- The Owners Corporation needed help to access the New South Wales Energy Saving Scheme (NSW ESS) for LED lighting upgrade.

Solution



Replaced all lights in carpark and fire stairs with dimmable LED lights



\$35,800
Capital cost (before rebate)



\$7,440
NSW ESS rebate

Benefits



14,000 kWh
Est. annual electricity reduction



1.7 years
Est. payback



48 tonnes
CO2 reduced per year

