

Apostolic Nunciature

Energy services building upgrade

Quick stats

Client

Apostolic Nunciature – Red Hill ACT

Works completed

- New boilers and ducting (2014)
- Skylights, door seals, insulation, draft eliminators, lighting (2014)
- Replace hot water service (2014)

Results

Original energy consumption split:
90% gas and 10% electricity

After completed works, new energy consumption split:
50% gas and 50% electricity

Approximate \$10,000 energy savings per year and an overall 40% increase in energy efficiency was achieved.

Background

The Apostolic Nunciature was built in the late 1970's and back in the day, won numerous RAI A architecture awards during the 1980's.

As with time, the building and its infrastructure was showing signs of age. ActewAGL was engaged to complete an 'energy audit' and undertook the following projects.

Project scope

It was evident that there was a huge gas imbalance within the building, and it was identified there was an energy consumption split of 90% gas and 10% electricity. It was also identified that heat was escaping from the building through leaking doors and windows.

As a result of the energy audit:

- the existing 30 year old boiler was replaced with a new smaller energy efficient version
- ducting replaced
- a new hot water system was installed
- new efficient lighting and skylights
- door seals and draft eliminators fitted.

Highlights

After completed works, a new energy consumption split was achieved of 50% gas and 50% electricity with an approximate 40% increase in energy efficiency and a \$10,000 per year saving.

What more information? We're here to help

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