

Energy & Water Conservation



Sustainable laundry service

Significant energy and water conservation has been achieved in the laundry plant serving Crown Towers Hotel.

With 482 rooms, more than 150,000 room nights per year and 6,000kg of laundry per day, Crown's laundry system is one of the busiest.

In 2007, a Clax Regain (water recycling) system was installed achieving a 50 per cent reduction in laundry water use. In addition to the batch washer, a recycling plant was installed for three industrial washing machines providing a further 10 per cent reduction in laundry water consumption. Simultaneously, a Clax Energo (Heat

Exchanger) system was installed, achieving energy savings of between 10 and 15%.

Each kg of washing now requires only 8.8L of water to complete the washing cycle. This results in annual water savings of 18.6 million litres, equivalent to more than 7 Olympic sized swimming pools.

Total energy savings are 300,000 kWh per year resulting in annual greenhouse gas savings of 366 tonnes of CO₂-e. This is equivalent to the energy required to power 30 Victoria homes or remove 90 cars from the streets.

