

Case Study – Strata Variable Speed Drives on Water Pumps

An apartment building with 47 units in Gosford, NSW

Challenges

- A fault in one of the residential cold water pumps caused the whole system to be shut down
- The pumps were installed in 2000 and pumps from this era should only be replaced, not repaired

Solution

Obtained quotes for new water pumps. In addition, variable speed drives (VSD) were considered for optimal pump control and reduced energy usage.



\$6,000
Capital Cost (VSD only)

Benefits



\$7,540
Est. annual utility bill reduction



0.8 years
Est. payback



40 tonnes
CO2 reduced per year

