

# Kimberly-Clark cleans up with energy savings



“ The air handling transportation system was inflexible and inefficient until we upgraded it with variable speed drives and controls. With the help of Wattly we were able to verify the savings, and claim energy saving certificates that helped to offset the cost of the new system ”

Kimberly-Clark  
Ingleburn Site Manager

## The Client

Kimberly-Clark, manufacturers health, hygiene, and well-being products globally for over 175 countries. Brands include Huggies, U by Kotex, VIVA, Kleenex, Kleenex Cottonelle, Depend, Poise, DryNites, and Pull-Ups and many others.

## The Work

Based on years of industrial energy experience, The Wattly Group was engaged to provide Kimberly-Clark with an end-to-end energy optimisation solution. The scope of the project was to ensure their energy saving project complied with NSW energy savings scheme requirements and Kimberly-Clark could maximise the financial incentives.

## Key Facts

Equipment Upgraded	29 large industrial fans and controls
Annual Energy Savings	680+ MWh
Certificate Value	>\$ 105,000
Program	NSW Energy Saving Scheme (ESC)
Method	Project Impact Assessment with M&V (PIAM&V)
Wattly Partner	Northmore Gordon (Consulting)

## Challenges

- Rapidly rising electricity costs
- Financial return on investment in energy efficiency upgrades
- Complexity of accessing the financial incentives of the NSW Energy Saving Scheme (ESS)

## Outcomes

- Replaced manual control of air flow dampers with variable speed drives (VSDs)
- Reduction in ongoing energy costs across the site
- Saving of more than 7,000 tonnes CO<sub>2</sub>e over 10 years
- Met the payback criteria for site upgrade projects
- Better control of the production process