



12 heat pump
hot water systems
installed



1,400+ litres
hot water
capacity



72% reduction
in heating energy
use per year



17 tonnes
of CO² abated
annually



Jalco is a division of Pact Group which has 133 locations across 15 countries. Jalco is the leading provider of outsourced manufacturing and filling services for the non-food Fast-Moving Consumer Goods (FMCG) sector in Australia. Within its expansive portfolio, the Jalco Personal Care & Cosmetics division boasts several state-of-the-art manufacturing facilities dedicated to producing an extensive range of personal care solutions and cosmetics, as well as a wide array of packaging formats.

Project Goals

Jalco is committed to reducing its environmental impact while maintaining the highest product quality standards. Hot water is key to the production, cleaning and staff amenities including catering at its production facilities. Alan Segal from Optimum Energy Solutions, a Green Partner with The Green Guys Group, proposed to Mika Lu, Jalco's General Manager, the opportunity to utilise government incentives for upgrading aging hot water systems. This initiative aligns with Jalco's goals to reduce both operational costs and environmental impact, enhancing overall productivity.

Our Solution

To achieve these objectives, we implemented a phased upgrade across Jalco's facilities, completing it within a half-day to ensure minimal disruption to the hot water supply. This strategic timing allowed the heating systems to activate well in advance of the requirements for hot water, providing a significant lead time. Jalco achieved an increase in hot water availability by over 50% on-site, alongside a notable decrease in energy usage and peak-hour energy demands. The Green Guys handled all the administrative processes to secure government rebates under the NSW Energy Saver Scheme. This initiative allowed the entire upgrade to be executed at zero cost to Jalco.



"Our partnership with The Green Guys Group has been effortless. The heat pump installation was completed at zero cost to Jalco Cosmetics and will ensure the site has hot water at a significantly reduced impact to the environment and the business."

Mika Lu,
General Manager

The case presented above is based on a past project. Any cost and energy savings figures were calculated based on modelling estimates. The Green Guys Group Pty Ltd does not guarantee future results and outcomes. Factors such as energy market prices, government regulations, project variables and many other circumstances may and will cause results to vary.

About The Green Guys Group

As Australia's Leading Energy Saving Partner, we specialise in LED lighting, heat pump water heater, and air conditioning system upgrades, while our Green Guys Solar division offers cutting-edge solar solutions. Our approach includes securing government subsidies to maximise our clients' return on investment. Our comprehensive project management is anchored in ISO certifications in quality management, occupational health & safety, and environmental standards, ensuring quality and safety in every project.



More than
15,000
projects
nationwide



\$100M+
in energy
savings



\$80M+
in government
subsidies



Over
3
Megatonnes
carbon offsets

The Green Guys Group is proudly part of



We transform the way our customers consume, reduce and manage energy through our diverse portfolio of energy solutions tailored to meet each client's individual requirements. Our mission is to provide a seamless journey throughout the project and process, supporting you in your quest to lower energy costs and contribute to a sustainable Net Zero world.



Energy Efficiency Upgrades



Business Energy Retailer



Renewable Energy Solutions

Discover how our solutions can make a
positive impact on your journey towards sustainability

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