

# Two Birds with One Stone

## Achieving sustainable goals and improving building operations

### The Story

St John of God Berwick Hospital is part of St John of God Health Care, a leading provider of high-quality health and community services across Australia and New Zealand. As one of Australia's largest Catholic health care providers, it employs more than **16,000** people. As a not-for-profit group, St John of God Health Care returns all surpluses to the communities it serves by updating and expanding its facilities and technology,

developing new services, investing in people, and providing social outreach services to the disadvantage and lower income groups.

Australia's net-zero emissions law by 2050 casts a spotlight on building emissions with the country's buildings accounting for **19%** of total energy use and **18%** of direct carbon emissions<sup>1</sup>.

Amidst the pressing need for buildings to

decarbonize, St John of God Health Care is committed to transforming its facilities to become more environmentally sustainable through its Environmental Sustainability Strategy 2022 to 2025. The focus of the strategy is achieving a minimum **50%** reduction in greenhouse gas (GHG) emissions by 2030 and net zero emissions by 2050.

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#### Now

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#### Future

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\* <https://www.energy.gov.au/government-priorities/buildings#:~:text=Data%20from%20the%20department%20shows,reduce%20energy%20bills>



## Improving Patient Experiences for Better Health and Environmental Outcomes

St John of God Berwick Hospital sought to address operation inefficiencies and optimize their air conditioning system during the pandemic. At that time, patients often grappled with temperature fluctuations and complained about the temperature being too hot or too cold, disrupting their rest and comfort when recovering.

Partnering with Johnson Controls, the hospital integrated advanced Fan Coil Units to resolve temperature fluctuation issues by ensuring a steady and comfortable airflow. This not only improved patient experiences, it also led to a remarkable energy, resources, and cost savings. Within a span of just 18 months post-installation, the hospital saved over **184,550 kWh** of energy cumulatively. Hospital staff could also redirect their time back to where it matters, and the facility saw resource

and cost savings which can now be invested back into patient care.

**Elliott White, Facility Manager of St John of God Health Care's South East Melbourne hospitals, expressed his satisfaction with Johnson Controls, noting the honest recommendation, as well as the exceptional rest delivery. "We observed immediate positive outcomes post-installation with no more complaints from patients and nurses," he remarked. "With the environment optimized to our patients' needs, our nurses can focus on patient care, and our hospital can provide the most optimal and conducive environment for patient recovery."**

In line with their commitment to environmental sustainability, St John of God Berwick Hospital also has a system that tracks and reports its Fan Coil Units to ensure that they are performing at their optimal energy-efficient levels. By integrating such monitoring practices, the hospital underscores its dedication to both patient care and larger goal of reducing carbon footprint.

## Partnering for A Greener Future

St John of God Berwick Hospital stands as a testament for Johnson Controls as a trusted partner in their journey to decarbonize and accelerate their sustainability plans. Reflecting on the success of this initiative, St John of God Berwick Hospital remains steadfast in its mission for continuous environmental improvement.

**The results from this partnership with Johnson Controls have further bolstered the hospital's endeavors towards achieving net-zero and enhancing patient care simultaneously.**

Recognizing the mutual benefits and impactful outcome of this collaboration, Johnson Controls and St John of God Berwick Hospital will continue to explore partnership opportunities to implement innovative solutions that further its commitment to patient care and the environment.