

CASE STUDY WINERY

Barrel Hall Project Para Rd Tanunda, SA



New, even lighting



Removal of old HID lighting

PROJECT OVERVIEW

Maintaining constant temperature, forklift operating area and personnel in forklift area...these are all challenges that every barrel hall faces. Richmond Grove identified that their old HID lighting, which was required to be on all the time for safety, was placing a big demand on their energy consumption, and in addition, was adding to the unwanted heat load. How to maintain safe lighting levels and reduce the energy spend?

PROJECT OUTCOME

Leitech replaced 118 of the old 400W mercury vapour lights, with high efficiency 150W Smart LEDs. The lights were programmed to detect any operators for immediate illumination and then dim down once they have moved away.

This immediately reduced the energy demand **FROM 637 KW/DAY TO A MERE 34.4 KW/DAY!** Another fantastic win – the instant illumination due to worker activity, immediately alerted other personnel and especially forklift operators of others in the area. A significant safety benefit!

TESTIMONIAL

CA
Project Engineer

“ This upgrade by Leitech was one clearly a win for us, not only did we reduce our energy spend but the improved safety was a huge bonus! ”