

# Frew Foods Chops Energy Costs

“ Frew Foods worked closely with Northmore Gordon on the biomass boiler project to measure and verify carbon savings. We successfully created 10,183 VEECs in Sep '21... Northmore Gordon showed they understood what we were trying to achieve...the project was delivered through COVID-19 which for our business was a challenge. The work done by Northmore Gordon to support my abattoir was professional and Alan was a pleasure to work with over the project. Thank You Sincerely. ”

**Robert Frew**, Owner & Managing Director at Frew Foods International Pty Ltd.

## The Client

Frew Foods International is a large wholesaler of quality lamb and sheep meat products to the major supermarkets and butchers across Australia.

As a halal and tier 2 accredited processor, Frew Foods exports to over 100 countries across all major continents including Europe, North America, South America, the Middle East, Africa and Asia. Their modernised abattoir in Stawell, Victoria employs over 500 people and has the capacity to process over 6000 lambs and sheep a day.

Northmore Gordon is a leader in environmental certificate creation and trading. We have created the most certificates of all Accredited Persons under the Victorian Energy Upgrades program, an Accredited Certificate Provider in the NSW Energy Savings Scheme, and registered agent under the Federal Renewable Energy Target.

## Key Facts

Equipment Upgraded	Installation of 3MW biomass boiler and 90,000 litre heat storage tank
Annual Energy Savings	21,160 GJ Gas
Certificate Value	>\$ 800,000
Program	Victorian Energy Upgrades (VEU)
Method	Project Based Activities (PBA)

## The Project

The site's Energy Conservation Measure (ECM) upgraded its boiler system to replace the natural gas-fired boilers from the existing boiler room with a biomass boiler in the biomass shed.

The biomass boiler is fueled with locally sourced sawdust. The replacement included the installation of a 3 MW thermal biomass boiler with associated pipework, fittings and additional gantry, connection to the existing hot water circuit, and isolation of the existing natural gas boilers..

We've provided \$100m of financial incentives for energy efficiency and renewable energy projects at over 35,000 commercial, industrial and residential sites. This has saved our clients and partners gigawatt hours of energy, millions of dollars and reduced greenhouse gas emissions by over 5 million tonnes of CO<sub>2</sub>e.

## Challenges

- M&V modelling challenges imposed by COVID restrictions
- Logistic issues with product fuel delivery due to COVID
- Drastic gas price variations

## Outcomes

- More hot water capability with lower carbon emissions
- Less affected by natural gas price variations

## Our Role

Northmore Gordon provided an end to end service to ensure the project complied with the Victorian Energy Upgrade Program to maximise the financial incentives. Northmore Gordon's Certified Measurement & Verification Professionals (CMVPs) created the M&V plan, collected site data & supporting evidence, built the baseline and operating energy models to calculate the energy savings. Subsequently we wrote the M&V report, and then created and traded VEECs on the clients behalf.



☎ 1300 878 500  
✉ [sales@northmoregordon.com](mailto:sales@northmoregordon.com)  
🌐 [northmoregordon.com](http://northmoregordon.com)

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