



Environmental Annual Report 2021



Through investment in our people, technology, the community and environmental management, we aim to make a positive contribution to real sustainability. From solar panel arrays and motion sensor lighting, to the addition of hybrid trucks to our existing fleet, we're committed to exploring and employing the best business practices possible. Bidfood is also proud to hold accreditation under the ISO: 14001 Environmental Management Standard. The 2021 Environmental Annual Report highlights the progress Bidfood Australia has made in managing the impact of its distributional activities on the environment.

Scope

This report deals with the environmental performance of the year ending 30 June 2021 of the distribution centres located in Australia.

The following environmental criteria are covered in this report:

Results



For each environmental parameter examined, the report details consumption of production values for the last 12 months of 2021, trends for the last two years, and future improvement projects.

Usage



The results of the year are presented cumulatively. Data from all distribution centres and vehicles are added. Comparative values related to domestic life are established to allow better understanding of the data.

Trends



Comparison of the annual results of the last two years. An evolution trend analysis is established. This makes it possible to measure the improvements in performance achieved.

What's next?



Finally, current projects and future improvement tracks followed by Bidfood are described. The actions and projects presented are short, medium and long term.

Electricity usage



Electricity is mainly used for the production of cold storage spaces. To a lesser extent, electricity is used for lighting, operation of computer equipment, material handling and some light manufacturing activities.

Purchase

32,927,696 kWh
purchased from the grid

27,001 tonnes
of CO₂

2,195 families



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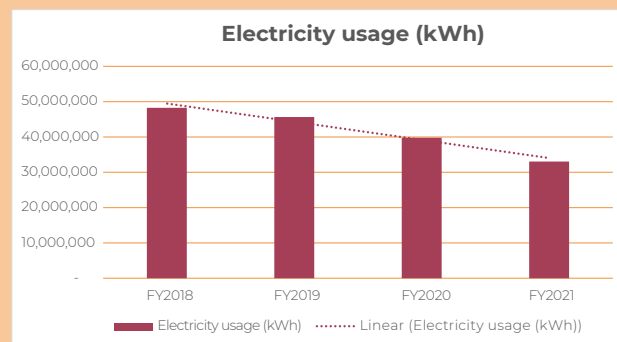


This is down approximately 7 million kWh. The equivalent of nearly 1,200 cars off the road for a year.

Usage

The annual purchase in 2021 is equivalent to the electricity consumption of 2,195 families (average family of four in a suburban home uses 15,000 kWh per year).

This represents a decrease of nearly 5,500 tonnes of CO₂ being emitted compared to last year.



What's next

All our new sites are being built with improved energy efficiency, such as LED lighting that is motion sensor activated.

Solar power forms a key component of these new builds and a project has commenced to retro-fit existing sites with solar panels where possible.

Electricity production



There are eleven solar systems installed on sites in Australia. The generation capacity of the solar systems ranges from 90 kWh at smaller sites up to 290 kWh at larger sites. In the past three years, Bidfood more than tripled the sites that utilise solar power from three sites in 2018 to 11 sites in 2021.

Generation



2,785,246 kWh



2,284 tonnes of CO₂ saved



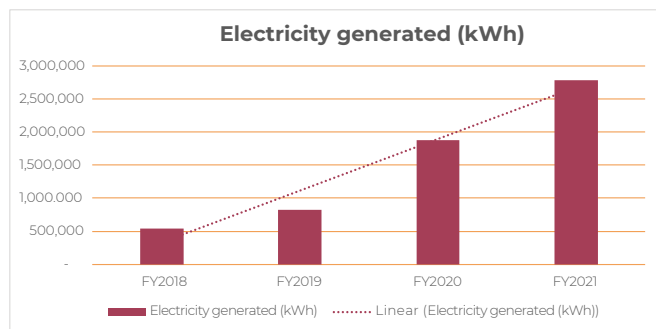
186 families

Usage

2,785,246 kWh of electricity was produced in 2021. This represents 2,284 tonnes of CO₂ that was not emitted into the atmosphere. The equivalent of taking nearly 500 cars off the road.

What's next

We will continue investing in new solar facilities as we build new energy efficient sites.



Bidfood Richlands (QLD)



Bidfood Truganina (VIC)



Bidfood Bibra Lake (WA)



Fuels



Here we examine the fuel consumption of the delivery vehicles. Some vehicles have a separate engine to run the refrigeration unit. Bidfood Australia also operates a fleet of vehicles for sales and distribution teams.

Usage

4,168,455L of diesel

11,171 tonnes of CO₂ diesel

203,977L of petrol

471 tonnes of CO₂ petrol



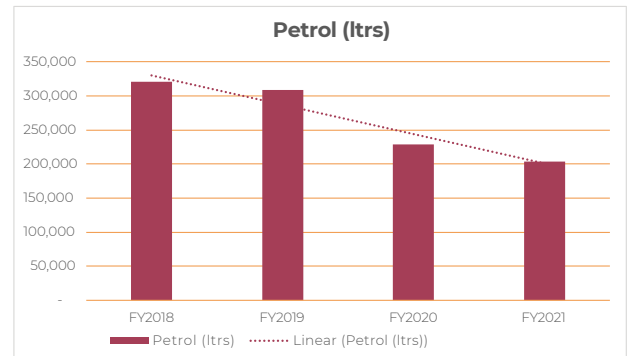
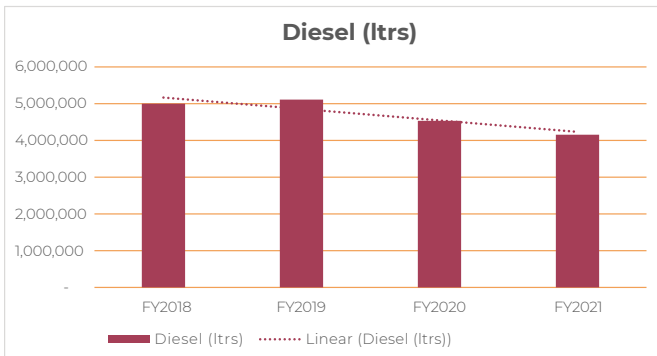
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That's a decrease of 1,047 tonnes of CO₂



What's next

Efforts to build newer, smaller sites with more emphasis on being closer to the customer has helped to reduce our fuel usage.

Although the COVID-19 pandemic had a significant effect on the number of vehicles

on the road, it is clear that our fuel usage per delivery also declined.

Bidfood's first electric truck was purchased and will be trialled to help further reduce CO₂ emissions.



City water



City water is used for sanitary facilities and to clean meat and cheese processing facilities.

Usage



65,938kL
of water

=



Average annual
consumption of
133 families

=



1,046,635
showers

The annual consumption of water use is equivalent to the annual consumption of 133 families of four (i.e. The average Australian household uses about 340 litres of water per person per day.)

Trend

Unfortunately building new sites has had an impact on water consumption, particularly during the building phase.

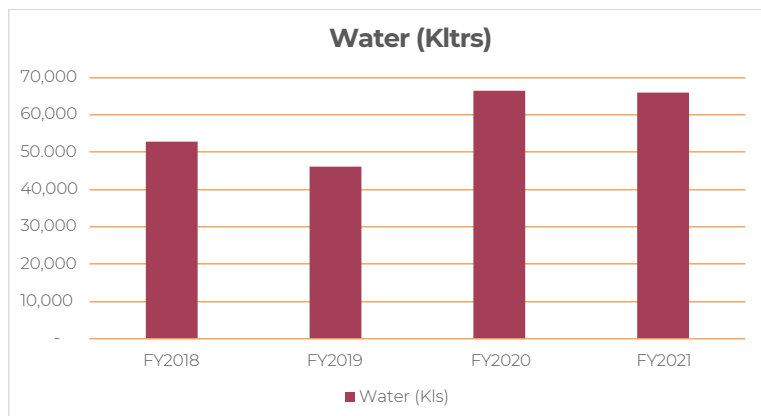
The move to more efficient ammonia refrigeration means large water cooling towers are required.

As can be seen in 2021, once sites are constructed, water consumption can be managed.



What's next

New sites that will be fitted with more efficient cooling towers and water tanks to capture rain water for sanitary purposes.



Paper usage



We use paper as part of our invoicing, receiving and overall business reporting.

Paper used



46,037
reams of paper



Equivalent of
2,762 trees

Trend

With new sites comes an initial impact on our paper usage as each site prepares all its documents. In FY2021 a concerted push to electronic interaction and EDI interface with both suppliers and customers has helped drive our paper usage down.

What's next

The ongoing push to increase electronic documents continues. The drive to move more of our internal and external records to an electronic format will see our paper usage continue to decline.

