

CLEAN ENERGY
CORPORATION AUSTRALIA

→ CASE STUDIES AGRIBUSINESS

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**ENERGY CONSUMPTION
DEMANDS IN AGRIBUSINESS**

SOLAR AS A SERVICE
PPA vs design and install

CECA PARTNERSHIP

The Australian agribusiness and viticulture industry of Australia makes up 4% of industry usage derived from *general electricity* such (as lighting and appliances), *fuel* (for machinery and vehicles) and *heating/cooling*. The rising costs associated with electricity is a significant concern for agribusinesses across Australia. Solar PV is becoming more prevalent with business' in Australia looking to save on their operating expenses budgets with a rising rate of electricity to combat.

ENERGY CONSUMPTION DEMANDS IN AGRIBUSINESS

Solar is a product designed to reduce energy costs by producing the appropriate amount of electricity to match a business' consistent energy consumption profile. Agribusiness often deal with a range of instruments that consume significant energy costs - conveyer belts, plant equipment, machinery, bore pumps, cooling/airconditioning, refrigeration and lighting. A Solar PV solution can pay itself off of between 4 – 8 years and have a lifespan of 25 years; highlighting the benefits for a business mature enough to plan for the future.

WHY ELECTRICITY PRICING IS RISING

Network tariffs vary across network providers and therefore different prices occur depending on location (depreciation of grid & operating costs), historical usage of operator and different peak usage figures. Most of that is going towards paying off the \$45 billion network companies have spent on updating our poles and wires over the last five years.

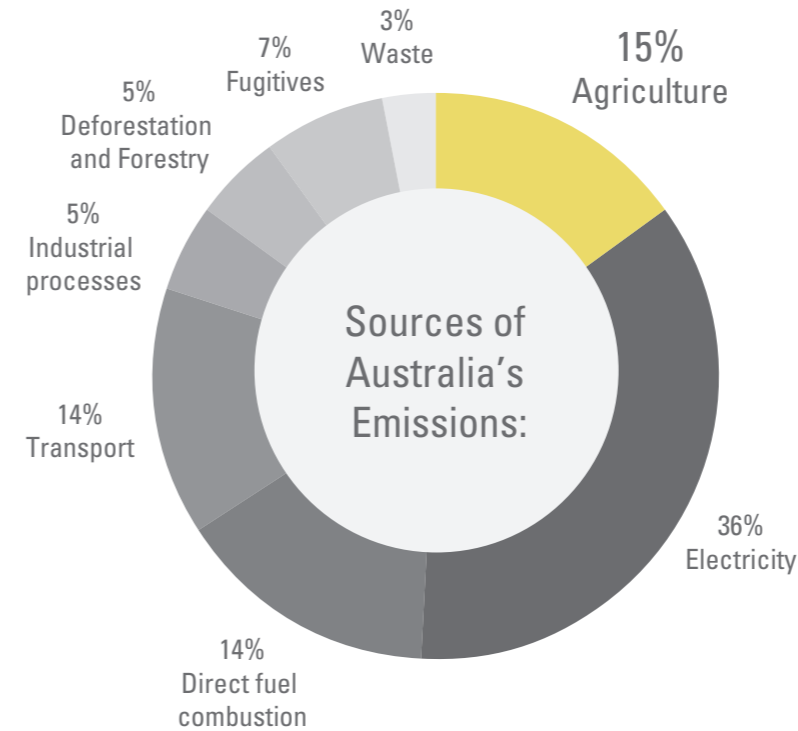
Over the five years to 2013 the average power bill increased 70% compared by 12% inflation

- ➔ Conversely average consumption for power is 7% less than it was in 2006
- ➔ 43% - 51% of a power bill goes to fund the network management and upkeep

GENERATE YOUR OWN GREEN POWER AND REDUCE YOUR CARBON FOOTPRINT WITH SOLAR PV.

Sources of Australia's Emissions:

Source: Department of Climate Change and Energy Efficiency Australia's Emission Projections 20102



“Prices have stayed high in part because network businesses – which carry power through poles and wires from the generator to the home – have spent billions of dollars on infrastructure that falling consumption has made redundant. A nasty correction is coming and the question is who will pay for it – power companies, governments or consumers again?”

– Tony Wood – Energy Program Director – Grattan Institute

CECA PARTNERSHIP

The Clean Energy Corporation Australia Partnership is a collective of professional business working with you to provide the best energy solution. We work in partnership with your business from scope, design and consult phase to build – best in business solutions.

CECA will work at arm's length to ensure all operational concerns and financial objectives are clearly outlined to build your solar business case. Through this process, comprehensive analysis is conducted to ensure our systems are perfectly matched to energy consumption, location and financial needs.



REQUEST A FREE PROPOSAL

Do you have questions or want to get in touch for further information?

Please call 1300 510 169 or send an Email to enquiries@cleanenergycorp.com.au

