

Concept

WIRE INDUSTRIES

www.conceptwire.com.au

With constantly increasing power prices and a willingness to reduce our carbon footprint, Concept Wire Industries made the decision to invest in a 52kw solar system for our Altona manufacturing facility.



With our current power consumption around 132 000 kWh per annum, based on the new solar system's ability to generate around 68 000 kWh, Concept Wire Industries should be able to reduce our power consumption by around 50%.

Considering every kilowatt generated by solar eliminates the burning of approximately 77kg of coal and the releasing of 136kg of CO² into the atmosphere, the total benefit to the environment of our 52kw system is a reduction of 5 tonnes of coal and 9 tonnes of CO² per annum.

Therefore, all products manufactured in our Altona facility now have "green" power credentials. Based on the current annual wire volumes processed by Concept Wire Industries at our Altona plant, for every 1 tonne of wire products purchased by you, together we are saving 3.5kg of coal and 6.3kg of CO².

The other good news is that the system installed is all Australian made. The panels are made in Adelaide, SA, thereby insuring local support and the latest up to date technology. When looking for a system that would provide constant and reliable performance for the next 25 years we chose a system that was designed and built on performance and quality, and not on a system that simply promised to be the cheapest. From experience we know buying 'Made in Australia' is the best choice for everyone.

For the technically minded, our system comprises the following:

- 52kW AC solar power system
- 208 x TINDO Karra 250w AC solar panels
- Micro inverter located on each panel
- Solar Bridge Technologies inverter

Data based on information sourced from cleanenergycouncil.org.au

