



aggreko

Powering a new cotton plant in time for bumper harvest

CUSTOMER

Carroll Cotton Company

LOCATION

DLiverpool Plains, New South Wales, Australia

SECTOR

Agriculture

KEY FACTS

6000 kVA

Power provided for plant

30,000 Litres

Size of fuel tank

24/7

Support

\$100k saved

Each day with our solution

6 months

Time of cotton ginning season

THE CHALLENGE

More power for huge new cotton ginning plant

The Carroll Cotton Company have been in business in the fertile Liverpool plains region, New South Wales, Australia, for more than two decades. In that time, the business has grown to meet global demands for their quality product.

This successful cotton ginning enterprise had reached a crossroads – invest in a new cotton ginning plant to accommodate rising demand? Or do they stay at the same level?

In business, there is no such choice and that meant the

plant was built. This was to deal with the huge amount of crop that would be processed – around 10% of Australia's entire yield.

But with a new plant comes other requirements. Carroll Cotton Company had everything covered of course – but what about powering the plant?

A decision had to be made while infrastructure to the grid was upgraded to meet requirements – or big losses could be incurred.



THE SOLUTION

Rapidly deployed, modular generators and remote monitoring

Carroll Cotton Company faced losing roughly \$100,000 every single day that reliable and stable power was not connected to the new plant. It was set to be a bumper year for the harvest and it meant every resource would need to be used. That included the new plant. Without it and prospects looked bleak.

Aggreko were contacted to deploy a rapid and proven power solution. One that could keep the new

ginning plant operational and ensure that the harvest would not go to waste.

Four Aggreko G4 1500 kVA generators and a specialist Low Voltage Switchroom were installed on site, hooked up to a 30,000 litre double banded fuel tank. This would mean less logistics in the remote region for refuelling and it would meet site environmental requirements.

The entire solution would be maintained, optimised and supervised by a local team of experts and a 24-hour remote team that could minimise any conceivable obstacle.

It was the perfect contingency for the ideal power supply. And it fit the bill for the Carroll Cotton Company in their time of need.

THE AGGREKO DIFFERENCE

**Our power will make your harvest
the cream of the crop**

THE IMPACT

\$100k daily losses avoided and equivalent of 800 million pairs of socks processed

With a turnkey dependable power supply in place, the cotton crop could be processed. The equivalent of 800 million pairs of socks were processed by the new plant – an impressive haul.

That also meant that the massive losses that would have been suffered without our power were avoided – and targets stayed within reach for the cotton season.

Our comprehensive approach allowed our customer to focus exactly where they needed to be, without the worry about power supply. Our team, both remote and on the ground, had this covered as well as the energy for the plant.