

Project Profile

Project: <u>Fonterra Takaka Fire Reinstatement</u>	Man hours: <u>15,000</u>
Location: <u>Takaka Golden Bay</u>	Duration: <u>3 Months</u>
Client: <u>Fonterra</u>	Completion Date: <u>1-Oct-05</u>
Consultant: <u>Ebert Construction & GEA Process NZ Ltd</u>	Approximate Value: <u>\$1,300,000</u>
Project type: <u>Negotiated Rates Installation</u>	

Description of Site

The Takaka Dairy Factory was destroyed by fire on the 21st June 2005 leaving Fonterra facing the likely possibility of trucking millions of litres of milk from Takaka to Clondeboye, almost 600km, for processing. The evaporator and dryer plant was capable of processing 2 tonnes of dry milk powder per hour and was destroyed in the blaze.

In the week following the fire, Newpower were contacted by Ebert Construction and GEA Process to price and provide installation rates/ resource capabilities to rebuild the factory. Fonterra's decision to rebuild the powder plant was made after the construction crews confirmed that the seemingly impossible factory rebuild could be achieved before the seasons milk production reached the critical peak in October.

Description of Project

The electrical project works include the installation and recommissioning of the 2000A main switchboard and associated transformer, rewiring of the Evaporator Hall, rewiring of the Milk Powder Drier and the electrical building services installation for a new Dry Store, Evaporator Tower, Wet Process building, Packing Area, Control Room, In-Process Laboratory and Bin Room. The total building area is around 1,500m².

Newpower Electricals national resources were utilised to assemble 30 electrical staff on the site at short notice including a senior project management team experienced dairy dryer installation work and were able to complete the works on time & within budget.

GEA Process Engineers and Fonterra Site Electricians have commended Newpower on the high level of installation standard that was achieved despite the extreme time constraints.

A spokesman for Fonterra, Dave Packer, commended the urgency that had been shown by all concerned. "From engineering design and documentation to shop drawings, fabrication and construction, this has been a superhuman effort. The sheer speed achieved by dedicated teamwork enabled us to make a firm decision that the milk powder processing plant of Takaka be reinstated."

21-Jun-05



7-Oct-05

