

Customer: Delta Electricity
Location: Wallerawang, N.S.W.
Product: Woodchips
Date of installation: October 2001

Requirements:

Delta Electricity wanted to use a proportion of woodchips for power generation to reduce the greenhouse gases emitted. Their system was designed and constructed by Austin Australia Pty. Ltd.

The system had to:

- feed chips from a new truck dump hopper
- have variable output due to the varying product density
- be able to carry new and recycled woodchips

Solution:

Aerobelt Australia Pty. Ltd. supplied two conveyors, one with variable speed to adjust the tonnage rate.



Technical information:

No. of conveyors: 2
 Product: Woodchips
 Belt width: 650 & 800 mm
 Length: 11.3 & 45 m
 Inclination: 4°
 Capacity: Variable, up to 80 TPH
 Belt speed: 2.9 & 2.4 m/s
 Drive power: 7.5 KW
 Fan power: 0.55 KW
 Product density: 0.20 t/m³



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