

# Project Data Sheet



## BIOMASS INFEED SYSTEM - IRONBRIDGE

Contract Value £250,000

Client: POWERGEN / NOMENCA

Technical Data		Plant Description
Biomass intake pit	- 40m <sup>3</sup>	<p>Biomass in the form of cereal pellets, wood pellets and palm nut kernal is delivered in road vehicles and tipped into a ground hopper. Heavy duty screw dischargers control feed the biomass into a bucket elevator to a height of 32 metres where a screw conveyor feeds a 1000 cubic metre capacity silo.</p> <p>A Bin Activator ensures continuous discharge from the silo with a variable speed tubular screw feeder accurately metering product onto a conveyor fitted with a belt weigher for transfer to the existing coal conveyor.</p>
Bucket elevator	- 35m high Twin bucket - 200m <sup>3</sup> /hour	
Storage Silo	- 1000m <sup>3</sup> capacity (by others)	
Silo Discharge	- Ø3500 Bin Actviator feeding Ø600 Tubular Screw	
Weigh & Belt Conveyors	- 750 wide x 48,000 long 250m <sup>3</sup> /hour	

**Cleeve**   
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