



## CASE STUDY

### Wood Fuelled Heating for Oakengates Theatre, Telford



Oakengates Theatre is a regionally important entertainment venue, build in the 1960's, which in 2004-5 underwent a major renovation, modernisation and extension.

Telford & Wrekin Council undertook to make the building as sustainable as possible, and this involved installing a 100 kW KWB wood fired boiler to provide base-load heating and hot water. The Council let a Heat Contract to Econergy Ltd ([www.econergy.ltd.uk](http://www.econergy.ltd.uk)) to operate the boiler. Fuel supply is sub contracted to Midlands Wood Fuel Ltd ([www.wood-fuel.co.uk](http://www.wood-fuel.co.uk)). The wood chip fuel is delivered weekly during the winter using the UK's first blown chip delivery system (pictured).

The system uses around 150 tonnes of wood fuel per year, generating 525,000 kWh of heat per year and cutting around 78 tonnes of carbon dioxide emissions each year.

The boiler was part funded by the Clear Skies programme.

**Marches Wood Energy Network Ltd**  
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Tel. 01952 432814  
[www.mwen.org.uk](http://www.mwen.org.uk)

### Oakengates Theatre, Telford.

