

OSL Project Information Sheet
European Biomass Research Institute
(EBRI)



Type of project: Technical Project Management

Sector: Renewable energy

Client: Aston University

Location: Aston University,
Birmingham, UK

Technology: Biomass pyroformer coupled
with a biomass gasifier
feeding dual fuel CHP
engines.



Capacity: 300 kg/h wood pellet feed, producing 400 kWe power generation

Date: 2011

Overview: EBRI is constructing a new research facility which will include a demonstration scale biomass pyrolysis and gasification plant capable of operating both in series and in parallel. The syngas and oils generated will be used to fire two dual fuel CHP engines.

Deliverables: Flow scheme for the facility, equipment specifications for the pyrolysis and gasification units, HAZOP and SIL studies, interface for environmental legislative requirements, technical input to the cost estimate, project management of EPC contractor.

Status: Ongoing, construction 2012.