

An essential role in everyday life

Why is using sustainable fuel better for the future?

Our proposals are environmentally sustainable because we would use recovered fuel, rather than natural resources - or fossil fuels - such as oil or gas. We can use both the electricity and the steam produced by the Sustainable Energy Plant, making it a very efficient use of resources.

This 'energy recovery' process takes materials that would otherwise go to landfill and uses them to produce clean, sustainable power. Even the residual material left at the end of the process has value - for example, some residue can be used in the construction industry.

Brunner Mond's proposed Sustainable Energy Plant would use non-hazardous, pre-treated, waste-derived fuel and potentially some biomass. It would use approx 600,000 tonnes of fuel per year, to produce up to 60MW of electricity and around 100 tonnes per hour of steam. Fuel would be delivered by rail directly on to the site, and also by road.



Did you know?

- A 60MW power station, such as Brunner Mond's proposed new Sustainable Energy Plant, can produce enough energy for 45,000 homes.
- Using waste as a replacement for fossil fuels results in lower climate-damaging emissions of CO₂ and methane.
- In the UK, methane emissions from biodegradable waste in landfill account for 40% of all methane emissions, and three per cent of all our greenhouse gases.
- As a greenhouse gas, methane is 23 times more damaging than CO₂. Using pre-treated waste as a fuel prevents these landfill emissions and means we use less fossil fuel to generate our power.



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What happens next?

We are at a very early stage in the development of our proposal to build a Sustainable Energy Plant at Lostock.

Decisions on plans for an energy plant of this size are made by the Department for Energy and Climate Change (DECC) and the planning process follows a different path to other planning applications.

A 'scoping report' has been submitted to DECC and local authorities for consideration. Their responses will establish what should be studied in the Environmental Impact Assessment and what should be included in the Environmental Statement.

Once the Environmental Impact Assessment and the Environmental Statement have been completed, the 'application for consent' to develop the Sustainable Energy Plant will be made to DECC.

Your opinion is vital?

Your views are important to us - we are committed to keeping you informed of progress on our proposal.

There will be further public information and exhibitions, a dedicated website <http://sustainableenergy.brunnermond.com> will be updated regularly, and we will be happy to talk to local groups about the plans.

Your opinions will form part of our consent submissions to DECC and we are keen to hear your views on our proposals. If you have any comments or questions, you can visit the website at <http://sustainableenergy.brunnermond.com>, which contains more details about our proposals, including other ways to contact us.

The news page on the website will be updated regularly as our proposals progress, keeping you up-to-date with the latest developments. You can also take home a newsletter today.

You can contact us by:

- visiting our website at <http://sustainableenergy.brunnermond.com>
- emailing us at sustainable.energy@brunnermond.com
- telephone **0845 077 3801**
- writing to us at Sustainable Energy Plant, Brunner Mond, Mond House, Winnington Lane, Winnington, Northwich, Cheshire CW8 4DT

