

Issue 4: April 2025

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About South Clyde Energy Centre

Welcome to the E-newsletter for the South Clyde Energy Centre. We will publish these newsletters regularly to provide consistent and up to date information on the project.

The South Clyde Energy Centre is an Energy from Waste facility currently under construction on land at Bogmoor Road, North Cardonald, Glasgow.

The centre will recover energy by processing around 350,000 tonnes of residual and commercial waste every year. The waste will be first sorted to remove the recyclable material, and the remaining waste, which would otherwise be sent to landfill or exported, will then be treated at the facility. Through the energy recovery process, the centre will generate up to 45Mwe (megawatts electricity) of energy, enough to power the equivalent of around 70,000 homes.

For more information, please visit www.southclydeenergycentre.co.uk.



Visual of the new South Clyde Energy Centre

Construction Update

Progress continues steadily across key areas of the site:

- **Foundations continue to be laid:** Foundations for the turbine, air-cooled condenser (ACC), and fuel gas treatment (FGT) are in progress.
 - The turbine's primary function is to convert the energy from the superheated steam into energy that can be used to drive a generator and produce electricity.
 - An air-cooled condenser cools the steam from the turbine, converting it back into water to be used again in the process.
 - The flue gas treatment equipment treats and converts gases into water vapour, ensuring what comes out from the stack (chimney) is safe and within the stringent regulations set by the Scottish Environmental Protection Agency.
- **High Voltage Switchgear Building:** The High Voltage switchgear building is being constructed. This building will house and protect the high voltage equipment that will manage and control the flow of electricity at high voltage levels.
- **Steelwork Erection:** Structural steelwork erection commenced in November 2024, giving shape to the facility's core structures.
- **Boiler Installation:** Boiler erection began in January 2025. The boiler will heat water to generate the steam that will turn the turbine.
- **Waste bunker excavation:** The waste bunker will eventually be 12 metres deep. Special propping systems are in place to ensure ground stability. Soil is removed by an excavator into a skip and removed by crawler crane to a spoil heap where

the soil is tested, treated and then removed from site.



View of the South Clyde site



View of the South Clyde site



View of the South Clyde site

Looking Ahead

2025 planned activities include:

- Staircase slipform construction
 - Site drainage, roads and pavement construction
 - Turbine building columns
 - Main building structural steel construction
 - Boiler team mobilisation
 - Flue Gas Treatment (FGT) team mobilisation
 - Air Cooled Condenser (ACC) team mobilisation
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Local Liaison Committee

At the South Clyde Energy Centre, we are committed to maintaining open and constructive dialogue with the local community. Our most recent Local Liaison Committee (LLC) meeting was held in April 2025 to provide updates on the project's progress, address any concerns and discuss how best we can work together. Our next meeting will be held in April.

The LLC meetings are a valuable opportunity for dialogue between the project team and local residents, local businesses, community leaders and other stakeholders. Through active engagement, the South Clyde Energy Centre aims to ensure that the project meets both the region's energy needs and community needs too.

We welcome all interested parties to attend our next meeting. If you would like to join us, or need more information on the LLC or any other aspect of the project, please contact us at info@southclydeenergycentre.co.uk



The proposed South Clyde Energy Centre at night

Find out more

Have you visited our project website? You can find out more about what is happening on site throughout construction by visiting www.southclydeenergycentre.co.uk. Here you will find the most up-to-date project information and our FAQs may help to answer any questions you may have. Alternatively, you can contact us by emailing info@southclydeenergycentre.co.uk

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