

Portbury Dock

Renewable Energy Plant

Your questions answered

Where will the proposed renewable energy plant be located?

The site will be adjacent to the Royal Portbury Dock within the Port of Bristol, shown on the map below.

The development site lies in the district of North Somerset, at the border of the district boundary with Bristol City, which is marked by the River Avon. The site is located on the northern side by the River Avon where it meets with the Severn Estuary.

The site is approximately 9km north-west of Bristol City Centre and approximately 2km to the west of the M5 between Junctions 18 and 19.

What sort of biomass will be burnt and where will it come from?

The plant will use a sustainable portfolio of biomass fuels and could include recycled wood, sustainable virgin wood and dedicated energy crops. The burning of wastes, such as sewage sludge, are not being considered.

How will the biomass be brought to the site?

We anticipate that at least 70% of the biomass will be delivered by ship and up to 30% will be delivered by road and/or rail.

What does this development mean for the environment?

We asked a team of independent specialist consultants to carry out a number of comprehensive studies as part of an Environmental Impact Assessment (EIA), to determine how the proposed renewable energy plant will affect the environment.

The consultants considered impacts arising during both the construction and operation of the proposed renewable energy plant in the following areas:

- air quality
- water quality
- by-products and solid waste
- flood risk
- ecology
- noise
- socio-economics
- cultural heritage
- contaminated land risk
- geology and hydrogeology
- landscape and visual
- traffic and transportation.

No significant impacts were identified through the EIA process. The results of the EIA will be documented in an Environmental Statement and Non-Technical Summary which will be made available on our website at eon-uk.com/portburdock

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