

South Humber Bank Energy Centre

Proposed new low carbon energy centre at South Humber Bank Power Station.

The Energy Centre

The Energy Centre would be located on available land within the boundary of South Humber Bank Power Station near Stallingborough, between Immingham and Grimsby, in North East Lincolnshire. It would operate twenty-four hours per day, seven days per week with occasional periods of downtime for maintenance. RDF would be delivered by road, using heavy goods vehicles (HGVs), with a new access created on South Marsh Road.



The Energy Centre would comprise a number of buildings and structures (fuel reception hall, fuel storage bunker, boiler house, flue gas treatment facility, turbine hall, air-cooled condensers, and administration building) with an emissions stack (chimney), a substation, weighbridges, internal access roads and parking, and an HGV holding area.

Construction would take around three years and is expected to start in 2019 subject to consents being granted. The Energy Centre would be operational from 2022.

The Site

The Site for the Energy Centre is currently undeveloped with two man-made ponds and an internal access road. Cooling water pipelines and other utilities used by the existing power station cross the Site below ground, and these have influenced the Energy Centre layout.

The Site is located within an industrial area with the Humber Estuary to the east. The nearest residential property is located on the other side of the South Humber Bank Power Station about 1 km to the west on South Marsh Road.

