

SITE NOTICE

Meath County Council

We, SSE Generation (Ireland) Ltd, intend to apply for a ten-year permission for development at Carranstown and Caulstown, Platin, Duleek, Co. Meath. The Proposed Development will comprise a 170MW (electrical output) Open Cycle Gas Turbine (OCGT) Power Plant. The proposed development will comprise an electricity generating plant which will use Hydrotreated Vegetable Oil (HVO) as fuel and will be connected to a previously consented 110 kV substation (ABP-303678-19) and associated site works and improved access from the R152. The development comprises the following elements:

- a) Three gas turbine buildings (each 990m²) each housing 1 no. turbine, 1 no. generator and auxiliary equipment with a total of 269 MWth (thermal output) generating capacity all on concrete plinths.
- b) The power plant will have three exhaust stacks (25m in height), one exhaust stack per OCGT. Therefore, each OCGT will comprise a standalone Large Combustion Plant. The power plant may need to utilise, selective catalytic reduction (SCR) (18m high, 4.5 width, 14m length) for nitrogen oxides abatement.
- c) Water treatment plant comprising:
 - a 275m² Deionising Building (6m high x 11m wide x 25m long)
 - a raw water treatment tank of 2,262m³ (12.8m high)
 - a deionised water tank (max. volume of 3,925m³) 15.4m high
 - a processed water tank of 450m³ (9m high)
 - 1 no. 20m² firefighting water tank of 45m³ (2m high)
 - 1 no. 25m² firewater module (4m high x 5m wide x 5m long)
 - 1 no. 41m² sanitary foul water cesspool tank of 79m³ located underground (1.98m high x 2.5m wide x 16m long)
 - a bulk chemical storage area (4.75m wide x 7.75m long)
- d) 2 no. HVO tank (max. storage of 2300 m³ of HVO per tank), 13m high with a diameter of 15m and associated fuel pumping and filtering equipment and pipework, within a 43.5m L x 45.5m W x 1.5m Bund capacity is 2970m³.
- e) 1 ammonia tank (1.8m high x 3.5m length with bund 2.5 m x 5 m with a height of 1.5 m)
- f) 1 no. fuel polishing system (3m high x 6m wide x 24m long).
- g) 2 no. 110 kV transformers each 160m², and each measuring (5m high x 10m wide x 15m long). 3 no. Lightning Masts (18m in height) and kiosks, cable gantry connection to the adjoining consented 110 kV Substation.
- h) A 520m² services building (6m high x 13m wide x 40m long).
- i) A 160m² Switchgear (MV) building (5m high x 6.1m wide x 26.3m long).
- j) All other miscellaneous and ancillary site works, including: 12 no. Car parking spaces and 1 No. fuel unloading bay, one lowered site platform area, new internal roads and hard and soft landscaping including material berms (1.2m to 2m high), a temporary construction compound, temporary security building, and associated fencing.
- k) New road markings, including deceleration lane approaching the site, on the R152.

The proposed development will include connection to public water mains and wastewater provision, supplied by Uisce Éireann. There is no sewer connection required as foul and process waste will be collected in a sealed tank and emptied by a specialist waste service provider.

The proposed development will connect to a previously consented 110 kV substation which will be located adjacent and to the south-west of the proposed OCGT Power Plant.

The application relates to a development which comprises or is for the purposes of an activity requiring an Industrial Emissions Directive (IED) licence.

The application relates to the provision of an establishment to which the Chemicals Act (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2015 (S.I. 209 of 2015) apply.

A Natura Impact Statement (NIS) accompanies this application. The Planning Application and the Natura Impact Statement, may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority, during the public opening hours.

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A submission or observation in relation to the application may be made in writing to the Planning Authority on payment of the prescribed fee (€20.00) within the period of 5 weeks beginning on the date of receipt by the Planning Authority of the application and such submissions or observations will be considered by the Planning Authority in making a decision on the application. The Planning Authority may grant permission subject to or without conditions, or may refuse to grant permission.

SIGNED: *Gael Gibson* or (Agent: Gael Gibson, AOS Planning, 1st Floor, 24-26 Ormond Quay Upper, Dublin 7)

DATE OF ERECTION OF SITE NOTICE: 11/08/2023