

Dublin City Council
Planning and Property Development Department
Block 4 Floor 3
Civic Offices Wood Quay Dublin 8

06 March 2023

Re: Planning Applications Reg. Ref. PWSDZ3074/23 and Reg.Ref.3137/23

Hi David,

As requested, this is to confirm that Dublin City Council is in receipt of the following planning applications:

Reg.Ref PWSDZ3074/23 Received: 20/01/2023 Decision due: 16/03/2023

Proposed Development:

PERMISSION: The proposed development will consist of the following elements: 1. Demolition of two storage buildings and demolition of four oil tanks within the bunded area of the NORA Ringsend oil farm
2. Construction/installation of an Open Cycle Gas Turbine (OCGT) generating unit and associated plant and equipment, comprising the following main components: • Gas Turbine Air Intake (approx. 24m L x 18m W x 26m H) • Generator Enclosure (approx. 24m L x 18m W x 14.5m H) • Gas turbine enclosure including Gas Turbine auxiliaries and loading/ rotor turning area (approx. 53m L x 15m W x 26m H) • Exhaust Diffuser (approx. 14.5m L x 10.4m W x 10.5m H) • An exhaust stack 40m in height (approx. 8.0m diameter and 40m H) • Gas Turbine Power Control and Electrical Control & Instrumentation (C&I) Module (approx. 24m L x 18m W x 10m H) • 10 No. Fin Fan Coolers (approx. 45m L x 12.7 m W x 8m H) • Main Transformer (approx. 12.2 m L x 7.5m W x 9.3 m H) • Main Transformer Bund including 3no blast walls (approx. 19.3 m L x 18.9 m W x 12m H) • Auxiliary Transformer (approx. 4.7m L x 4.0m W x 6.9m H) • Auxiliary Transformer Bund including 2no blast walls (approx. 8.9m L x 8.5m W x 12m H) • Demineralised Water Treatment Plant (approx. 20m L x 10m W x 5.4m H) • Demineralised Water Tank (approx. 22.2m diameter and 14.7m H) • Water Supply / Gas Supply Rack (approx. 89.8m L x 102m W x 7m H) • Raw/Fire Water Tank (approx. 15.2m diameter and 14.7m H) • Fuel Oil Forwarding Pumps (approx. 10m L x 4m W x 5m H) • Combined Fire Fighting and Demin Water Forwarding Pumphouse (approx. 12m L x 5m W x 5.4m H) • 1No <1MW thermal output emergency diesel generator- 250KWe (approx. 10m L x 4m W x 5m H) • Generator Circuit Breaker (approx. 8.8m L x 5.1m W x 4m H) • Gas Conditioning Compound (approx. 33.4m L x 25.3m W x 3.6m H), which includes: Gas Compressor and Auxiliaries Building (approx. 24m L x 7.5m W x 5m H) Gas Compressor Reducing Building (approx. 8m L x 6m W x 6m H) Gas Compressor Cooler (approx. 7m L x 4m W x 5 m H) Gas Compressor Blast Wall (approx. 30m L x 20m W x 8m H) • Continuous Emissions Monitoring System (CEMS) (approx. 3.5m L x 2.5m W x 5m H) • 220kV Indoor Switchgear Building (approx. 30m L x 18m W x 18m H) and 3No bolted connections (approx. 12.5m L x 15m W x 15m H) • Hydrogen Storage Compound (approx. 6.5m L x 3.5m W x 3m H) • Containerised Office Building (approx. 12.2m L x 2.4m W x 2.6m H) • Containerised Storage (approx. 12.2m L x 2.4m W x 2.6m H) • Cable Joint Chamber (Underground) (approx. 5m L x 3m W) 3. Construction of bund wall between the proposed OCGT and NORA oil farm (approx. 69m L x 1.2m W x 3.5m H) 4. Connection to the existing gas Above Ground

Installation (AGI) 5. All associated works to facilitate the development e.g. temporary construction compound, security fencing and gates, baffle walls, underground cables, new lighting arrangement, lightning and telecommunication masts, parking and surface water drainage network.

The development consists of an activity for which an Industrial Emissions Licence is required. The application is located within lands which are categorised as Lower Tier and Upper Tier COMAH sites (Dublin Bay Power Station and NORA oil farm respectively) and therefore fall under the requirements of the Control of Major Accident Hazard (COMAH) Regulations, 2015. The application is partially located within Poolbeg West Strategic Development Zone (SDZ) Planning Scheme area. An Environmental Impact Assessment Report (EIAR) which complies with the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I 296 of 2018) will be submitted to the Planning Authority with the application. A Natura Impact Statement (NIS) will be submitted to the Planning Authority with the application. The EIAR and NIS will be available for inspection or purchase at a fee not exceeding the reasonable cost of making a copy, during office hours at the offices of the planning authority.

Reg. Ref. 3137/23 Received: 31/01/2023 Decision due: 27/03/2023

Proposed Development:

The proposed development will consist of:

1. Demolition of the existing Babcock Store building; 1 No. Hydrogen Tank; the temporary Control Building; 1 No. Water Tank within the National Oil Reserves Agency (NORA) Bunded Area

2. Construction/ installation of an OCGT generating unit and associated plant and equipment, comprising the following main components:

- An exhaust stack approx. 40m in height (approx. 8m diameter and 40m H)*
- Gas Turbine Air Intake (approx. 24m L x 18m W x 26m H)*
- Generator Enclosure (approx. 24m L x 18m W x 14.5m H)*
- Gas turbine enclosure including Gas Turbine auxiliaries and loading / rotor turning area (approx. 53m L x 15m W x 26m H)*
- Exhaust Diffuser (approx. 14.5m L x 10.4m W x 10.5m H)*
- Gas Turbine Power Control and Electrical Control & Instrumentation (C&I) Module (approx. 24m L x 18m W x 10m H)*
- 9No. Fin Fan Coolers (approx. 27m L x 19m W x 8m H)*
- Main Transformer (approx. 12.2m L x 7.5m W x 9.3m H), including*
 - 17.5m x 18m bund; and*
- 3No 12m high Blast Walls*
- Auxiliary Transformer (approx. 4.9m L x 4.7m W x 6.9m H)*
 - 6.8m x 7.5m bund; and*
- 2No 12m high Blast Walls*
- Demineralised Water Treatment Plant (approx. 20m L x 10m W x 5.4m H)*
- Demineralised Water Tank (approx. 22.3m diameter and 14.6m H)*
- Raw/Fire Water Tank (approx. 15.2m diameter and 14.6m H)*
- 8,000m³ Distillate Fuel (Secondary Oil Tank (approx. 27.2m diameter and 17.6m H)*
 - Including 8No 1.7m high Baffle Walls surrounding the tank*
- Fuel Oil Forwarding Pump (approx. 8.9m L x 7.8m W x 2.2m H)*

- Fire Fighting Pumphouse (approx. 12m L x 7m W x 5.4m H)
- 1 No. <1 MW thermal output emergency diesel generator 250KWe (approx. 10m L x 4m W x 5m H)
- Generator Circuit Breaker (approx. 8.8m L x 5.1m W x 4m H)
- 2 No. Water (replacement) Firewater Tanks for NORA (approx. 13m diameter and 14.6m H)
- 3-Bay 220kV Indoor Switchgear Building (approx. 30m L x 18m W x 18m H) and 3 No. bolted connections (approx. 12.5m L x 15m W x 15m H)
- Gas Conditioning Compound (approx. 42.2m L x 11.4m W x 3.6m H) which includes:
 - Gas Compressor and Auxiliaries Building (approx. 24m L x 7.5m W x 5m H)
 - Gas Compressor Reducing Building (approx. 8m L x 6m W x 6m H); and
 - Gas Compressor Cooler (approx. 7m L x 4m W x 5m H)
- Hydrogen Storage Compound (approx. 6m L x 3.5m W x 3m H)
- Continuous Emissions Monitoring System (CEMS) (approx. 3.5m L x 2.5m W x 5m H)
- CCGT Stores Building (approx. 15m L x 14m W x 10m H)
- Workshop, Stores and Administration Building (approx. 23m L x 22m W x 15m H)

3. Connection to the existing gas Above Ground Installation (AGI);

4. Connection to the National Grid via the existing 220kV Poolbeg Substation; and

5. All associated works to facilitate the development (e.g. temporary construction compound, perimeter fencing, blast and baffle walls, above-ground pipe racks, underground cables, a new lighting arrangement, lightning and telecommunication masts, parking and surface water drainage network including a new stormwater outfall. All works will take place within the grounds of the ESB Poolbeg Generating station complex. The development consists of an activity for which an Industrial Emissions Licence is required. An Environmental Impact

Assessment Report (EIAR) which compiles with the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I 296 of 2018 and a Natura Impact Statement (NIS) will be submitted to the Planning Authority with the application.

Regards

Deirdre O' Reilly



Senior Planner