



Department for

**Infrastructure**

An Roinn

**Bonneagair**

www.infrastructure-ni.gov.uk

# Planning Application Accompanied by an Environmental Statement Receipt of Further Environmental Information

**The Planning (General Development Procedure) Order (Northern Ireland) 2015 (Article 8)  
The Planning (Environmental Impact Assessment) Regulations (Northern Ireland) 2015  
(Regulation 23)**

**Mid and East Antrim Borough Council**

**Application No:** LA02/2016/0006/F

**Proposal:**

Operation Phase: Permanent Phase

Full Planning Permission for a 330MW Compressed Air Energy Storage Station: Consisting of an industrial, 5-storey CAES Station Building (23.997(h) x 128.5m (l) x 43.3m(w) and Gross Floor Area (GFA) of 7852m<sup>2</sup>) terraced over two levels; and with a canopy roof extending 11.065m beyond the western elevation; 2No. 40m high Chimney Stacks; 2No. Recuperators (180m<sup>2</sup> footprint); industrial, 2-storey Gas Pressurisation Building (9.3m (h) x 25.9m (l) x 36.4m(w) and GFA of 950m<sup>2</sup>); multi-storey(15.8m high) Administration/Visitor Centre Building (15.8m (h) x 28.0m (l) x 11.5m(w) and a GFA of 1042m<sup>2</sup>), Cooling Towers, Water Storage Tanks, industrial, 3-storey 275kV Electrical Transmission-Gas Insulated Sub-station (GIS) (14.6m (h) x 41.2m (l) x 23.0m(w) and GFA of 936m<sup>2</sup>) and associated infrastructure; industrial, single-storey Security Building (5.0m (h) x 8.019m (l) x 14.281m(w) and GFA of 106m<sup>2</sup>), industrial, 3-storey Process Building (Waste-Water Treatment Plant) (13.579m (h) x 24.8m (l) x 21.4m(w) and GFA of 537m<sup>2</sup>) and 1No. Diesel generator; new road accesses (Ballylumford Road & Quarterland Road) and Primary Access Road (circa 460m long); Internal Road layout; underground, 275 kV, transmission cable/s and parking areas/spaces; Air manifold/s, Marine-water-, Brine- and Air pipe layouts, associated infrastructure and works, on the CAES Station section of the Overall Subject Site, located at No.15 Quarterland Road, Islandmagee, Larne; and on lands adjacent to the west, south, south west and south east of No.15 Quarterland Road, Islandmagee, Larne and; lands adjacent to the north and east of No.3 Quarterland Road, Islandmagee, Larne.

i. Full planning permission for Change of use from Dwelling House and associated farmyard to Ancillary Office, Ancillary Worker Welfare Facility and Storage located at No.15 Quarterland Road, Islandmagee, Larne.

ii. Full planning permission for an AGI (Above Ground Installation) Gas Substation (998m<sup>2</sup>), underground gas pipeline and connection to the existing Ballylumford AGI (Above Ground Installation), respectively located approximately 220m south of No.15 Quarterland Road, Islandmagee, Larne; the underground pipeline located, leading from the onsite AGI, to where it connects in the west with the Ballylumford Gas Pressure Reduction Station, Ballylumford Road, Islandmagee.

Operational Phase: Solution Mining Phase:

i. Full planning permission for industrial, 1 to 2-storey, solution mining, Water Pumping Station Building (7.3m (h) x 41.998m (l) x 12.0m(w) and GFA of 504m<sup>2</sup>), 2No. Diesel generators and associated infrastructure; 2No. Well Pads (circa 2025m<sup>2</sup> respectively) and 2No. industrial, 1 to 2-storey Wellhead Buildings (8.05m (h) x 10.25m (l) x 10.25m(w) and a GFA of 200m<sup>2</sup>); 2No. Operational Well Strings; 2No. Drilling Wells and 2No. underground, Geological Storage Caverns at depths between circa 1400m-1800m and all associated works (i.e. including the use of the Marine Water Intake and Brine Pipeline/HDD sections for infrastructural maintenance and reworking of the Geological Storage Caverns over project lifetime), located on lands approximately 180m west; and on adjacent lands to the south east of No.15 Quarterland Road, Islandmagee, Larne and;

An industrial single-storey Marine Water Intake Pumping Station (4.2m (h) x 9.16m (l) x 5.17m (w)), an 11kV, industrial, single-storey Electrical Substation (3.9m (h) x 10.95m (l) x 4.43m (w)), service road and associated works, located approximately 87m north of No. 1 Ferris Bay Road, Islandmagee, Larne and; Access road and associated works (i.e. including an electrical distribution cable).

ii. Full planning permission for, 3-year use of: 1No. circa 50m high, Triples-rig, drilling rigs, compounds and works; Solution Mining Drill Strings and crane; 1No. Marine Water Intake Pipeline (circa 1190m long) and terrestrial HDD (Horizontal Directional Drilling) pipeline section (circa 547m), and; 1No. Brine Pipeline (circa 3255m long) and terrestrial HDD (Horizontal Directional Drilling) section (circa 717m), and associated works (i.e. including a raised platform/appraisal well pad). This section of the proposed development is located:

a) On lands adjacent to the south east of No.15 Quarterland Road, Islandmagee;

b) Also included in this location, is the referred underground Marine Water Intake Pipeline, including its pumping station and HDD section, along the proposed new access road's alignment, then northwards along the Ballylumford Road and west along Ferris Bay Road, to the Ferris Point headland and approximately 87m (pumping station) and 215m (HDD section) north of No. 1 Ferris Bay Road, Islandmagee, Larne; and

c) The referred underground Brine Pipeline, located along the proposed new access road's alignment, then northwards along the Ballylumford Road and east along Ferris Bay Road, onto Browns Bay Road and approximately 445m east-south-east of No 43 Brown's Bay Road, Islandmagee, Larne, and from this location via HDD directly north to the coastline.

Appraisal Drilling Phase:

i. Full planning permission limited to a 12-month lifetime: for an Appraisal Drilling Operation, Drilling Rig, Drilling Compound, well and all associated works, located on lands adjacent to the south east of No.15 Quarterland Road, Islandmagee, Larne.

**Location:** Lands South and South East of 10 Quarterland Rd, Islandmagee, Larne BT40 3RW with extending underground pipelines and infrastructure in the townlands of Ballycronan More, Ballycronan Beg, Ballylumford, Ballyprior Beg and Dundressan.

The application, associated Environmental Statement and Further Environmental Information may be examined during normal office hours at the Strategic Planning Division, Clarence Court, 10-18 Adelaide Street, Belfast BT2 8GB. It is advisable to make an appointment before calling at the office, Tel: 03002007830.

The application and associated Environmental Statement and Further Environmental Information may also be viewed at the Planning NI Web Portal via Public Access [www.planningni.gov.uk](http://www.planningni.gov.uk)

The Further Environmental Information is available for viewing and purchase from Gaelectric, 2nd Floor, Princes Dock, 14 Clarendon Road, Belfast, Co Antrim, BT1 3BG, UK Tel: 02890 240 333 (during normal office hours).

The cost is:

Further Environmental Information (FEI) – Hard Copy £60.00

FEI CD Rom copy – Free

The Further Environmental Information may also be viewed at the following location:

Whitehead Library, Edward Rd, Whitehead, County Antrim BT38 9QB, United Kingdom, BT80 8DJ

(Please note that there will be a limited number of CD copies of the FEI available free of charge at Whitehead Library and at the offices of Gaelectric)

Written representations on this application should be forwarded to the Strategic Planning Division, Clarence Court, 10-18 Adelaide Street, Belfast BT2 8GB not later than 4 weeks from the date of this advertisement.

Please quote the reference number in all correspondence.