Outlook

EIS 26/235 - Proposed 110kV Substation at Steeven's Lane, Dublin 8

From DCEE Planning Notifications <PlanningNotifications@dcee.gov.ie>
Date Thu 15/10/2026 15:46
To SIDS <sids@pleanala.ie>

1 attachment (390 KB)
26_235 Substation Steevens Lane Dublin 8.pdf;

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To whom it may concern,

Please see attached, on behalf of Geological Survey Ireland (a section of the Department of Climate, Energy and the Environment) with regard to the subject entity.

Please send an acknowledgement of receipt to PlanningNotifications@dcee.gov.ie at your earliest convenience.

Regards,

Jennie Wall Executive Officer
Planning Advisory

An Roinn Aeráide, Fuinnimh agus Comhshaoil
Department of Climate, Energy and the Environment

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An Roinn Aeráide, Fuinnimh agus Comhshaoil
Department of Climate, Energy and the Environment

Geological Survey
Suirbhéireacht Gheolaíochta
Ireland | Éireann

An Coimisiún Pleanála
64 Marlborough Street,
Dublin 1

15 October 2026

Re: Proposed 110kV Substation at Steeven's Lane, Dublin 8.
Your Ref: n/a
Our Ref: 26/235

Dear Sir/Madam,

Geological Survey Ireland is the national earth science agency and is part of the Department of Climate, Energy and the Environment. We provide independent geological information and interpretation and gather various data for that purpose. Please see our website for data availability.

With reference to the email from MWP received on the 07 September 2026, concerning the Proposed 110kV Substation at Steeven's Lane, Dublin 8, we recommend using our various data sets when conducting the EIAR, SEA, planning and scoping processes for developments, plans and policies. For more detailed information on how to access this data please access 'Data and Maps' Data & Maps (gsi.ie) on our 'Geoscience for planning' webpage. Use of our data or maps should be attributed correctly (please refer to each individual dataset's metadata for correct attribution).

For specific data available for Environmental Assessment and Planning topics please follow this link [Data by Environmental Assessment and Planning Topic (gsi.ie)], where you will find our data arranged by environmental assessment topic as illustrated below:

Land and soils
Soil • Subsoils (Quaternary Geology) • Tellus Geochemistry • Geotechnical *Geology* • Bedrock • Geophysics • Bedrock & Quaternary 3D

Water
Groundwater • Aquifers GW vulnerability, GWPSs (GWPPs) • Karst *Surface water* • Tellus Geochemistry *Estuarine & marine waters* • Marine and coastal *Flooding* • GWClimate

Climate Change
Carbon accounting / Carbon balance • Geothermal • Carbon capture and storage *Climate change trends* • National coastal change assessment

Cultural Heritage
Archaeology • Cherish *Underwater Archaeology* • Shipwrecks

Material Assets
Built Services • Natural resources (Minerals & Aggregates) • Active quarries

The Landscape
Landscape Appearance & Character • Physiographic units *Historical landscapes* • Historic mines

Other Relevant Data		
Natural (Geo) hazards • Landslide Susceptibility Mapping • Groundwater flooding • Coastal vulnerability • Subsidence • Radon	*Natural heritage* • Geoheritage (County Geological Sites) • Dimension Stone/Stone Built Ireland	

We are pleased to see use of our Bedrock, Quaternary, Subsoils, Geoheritage, Aquifer and Groundwater Vulnerability maps and datasets in the Planning and Environmental Considerations Report (PECR).

Geoheritage

Geological Survey Ireland is in partnership with the National Parks and Wildlife Service (NPWS, Department of Housing, Local Government and Heritage), to identify and select important geological and geomorphological sites throughout the country for designation as geological NHAs (Natural Heritage Areas). This is addressed by the Geoheritage Programme of Geological Survey Ireland, under 16 different geological themes, in which the minimum number of scientifically significant sites that best represent the theme are rigorously selected by a panel of theme experts.

County Geological Sites (CGSs), as adopted under the National Heritage Plan, include additional sites that may also be of national importance, but which were not selected as the very best examples for NHA designation. All geological heritage sites identified by Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS. CGSs are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system. CGSs can be viewed online under the Geological Heritage tab on the online Map Viewer.

The audit for Dublin City was published in 2014. The full report details can be found here. **Our records show that there is a CGS close to the proposed development.**

> **Guinness Wells**, Dublin City (GR 313941, 234105), under IGH theme: IGH 16 Hydrogeology. This site comprises two borehole wells dug within the Guinness Brewery complex. Both boreholes are historical, dug into and through deposits of the former River Liffey Channel and into underlying Lower Carboniferous 'Calp' Limestone bedrock. For historical, technical, and cultural importance, the wells within Dublin City are unusual. Link to Site Report: DC005.

We note in the Planning and Environmental Considerations Report (PECR) that the "Proposed Development is not anticipated to adversely affect the geological or hydrogeological integrity of the Guinness Wells CGS.". However, if the proposed development plan is altered, please contact Clare Glanville (Clare.Glanville@gsi.ie) for further information and possible mitigation measures if applicable.

Other Comments

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of any further reports detailing site investigations carried out. The data would be redacted for confidentiality and added to Geological Survey Ireland's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to the Geological Mapping Unit, at mailto:GeologicalMappingInfo@gsi.ie.

If we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPlanning@gsi.ie.

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

Trish Smullen
Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data are made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases these data are a baseline or starting point for further site-specific assessments.