



AQUIND Limited

AQUIND INTERCONNECTOR

Applicant's Response to Deadline 7 and 7a
Submissions – Appendix C Proposals for
AQUIND Interconnector: Local Residents
Meeting 15th January 2020

The Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010 – Rule 8(1)(c)

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PROPOSALS FOR AQUIND INTERCONNECTOR

LOCAL RESIDENTS MEETING- 15TH JANUARY 2020



OVERVIEW OF AQUIND INTERCONNECTOR

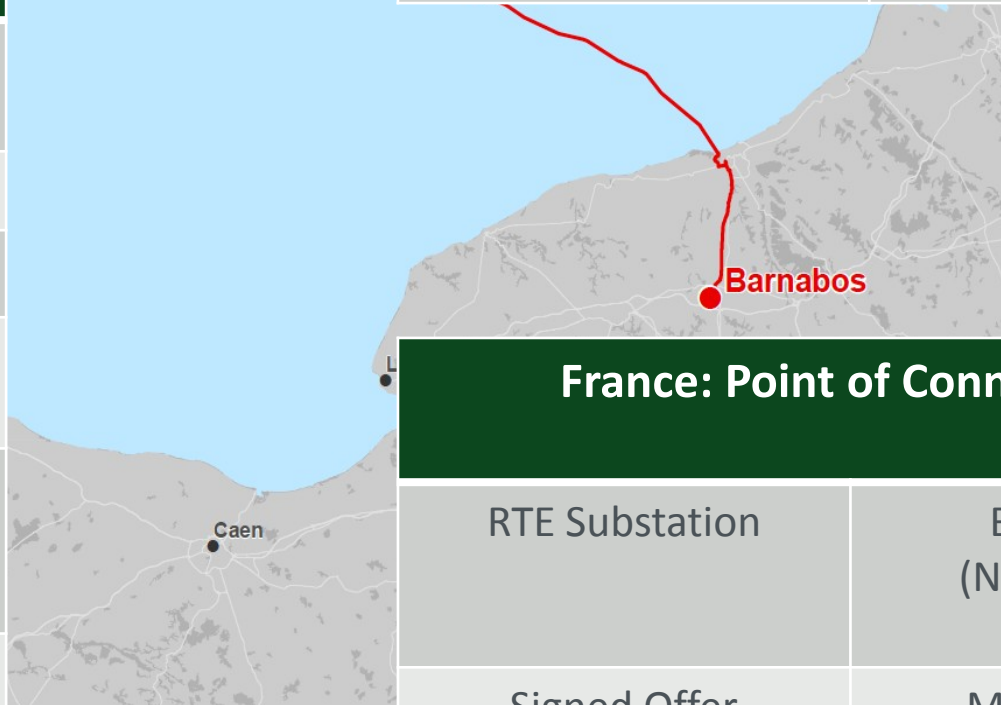


UK: Point of Connection

National Grid Substation	Lovedean (East Hampshire)
Signed Offer	June 2016
Connection Available	2022

AQUIND INTERCONNECTOR

Capacity	2x1,000 MW
Length	245 km
Cost	£1.24bn
End of construction	2023
Annual Transmission (max)	16 TWh
Share of UK/FR demand	5%/3%



France: Point of Connection

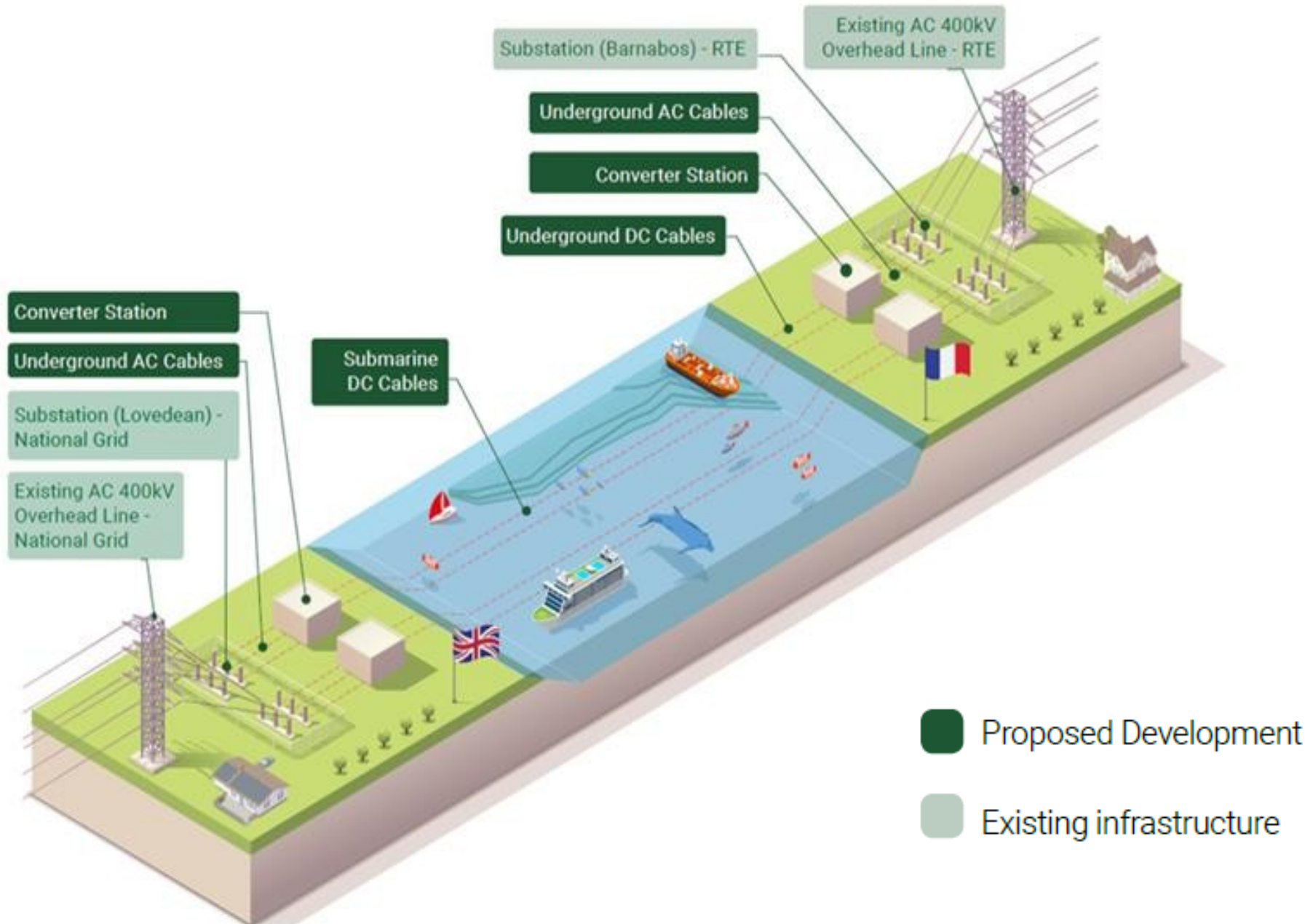
RTE Substation	Barnabos (Normandie)
Signed Offer	March 2017
Connection Available	2022



BENEFITS OF AQUIND INTERCONNECTOR (GB)

AQUIND benefits	GB	Comments
Security of supply	✓	Benefits apply to GB and France as the interconnector is bi-directional and can respond to system needs (i.e. price spikes) in both countries
Competition	✓	AQUIND will provide market participants in GB and France access to each market, and to other connected European markets providing the opportunity to trade across Europe
Benefits to consumers	✓	Consumers in GB will typically benefit from cheaper imports from France via AQUIND, as power flows from the cheaper French market to the more expensive GB market
Sustainability/renewable deployment	✓	Renewable dispatch across Europe is facilitated by AQUIND as market access is increased with greater cross-border capacity, unlocking renewables and decreasing carbon emissions
Ancillary services	✓	AQUIND will offer system services to the TSOs (National Grid in GB and RTE in France) to help manage system needs (such as short-term frequency fluctuations)

KEY ELEMENTS OF AQUIND INTERCONNECTOR



UK ONSHORE ELEMENTS

- ❖ Works at the existing National Grid Lovedean substation in Hampshire where AQUIND Interconnector will connect to the existing GB grid;
- ❖ Underground alternating current ('AC') cables, connecting Lovedean substation to the proposed nearby converter station;
- ❖ Construction of a Converter Station comprising a mix of buildings and outdoor electrical equipment;
- ❖ Two pairs of direct current ('DC') cables with one fibre optic cable of smaller diameter per pair of cables for data transmission from the proposed landfall site in Eastney to the converter station at Lovedean. The cables will be approximately 20 km in length and the intention is to locate the cables within existing highway or road verges where practicable.



AQUIND

THE STORY SO FAR



THE STORY SO FAR

- ❖ **2014:** Work on AQUIND Interconnector begins by identifying that an interconnector between the UK and France would be the most efficient and beneficial.
- ❖ **2015:** National Grid confirms the existing Lovedean substation as the preferred connection point to the GB electricity network for AQUIND Interconnector.
- ❖ **2016:** AQUIND signs connection agreement with National Grid to connect into the GB electricity network at the existing Lovedean substation and Ofgem grants an interconnector licence.
- ❖ **2017:** AQUIND signs connection agreement with RTE to connect into the French electricity network at the existing Barnabos switching station in Normandy
- ❖ **January 2018:** Public consultation on the emerging proposals for AQUIND Interconnector.
- ❖ **July 2018:** The Secretary of State directs that AQUIND Interconnector should be treated as a Nationally Significant Infrastructure Project (NSIP).

- ❖ **February – April 2019:** AQUIND undertakes statutory consultation on its proposals in preparation for the submission of a Development Consent Order (DCO) application.
- ❖ **April – November 2019:** AQUIND reviews consultation responses and conducts further investigative work prior to finalise the proposals before submitting a DCO application. This includes an iterative process of face to face meetings with the relevant LPA officers, statutory consultees and private landowners potentially impacted by the project which will feed into the eventual Statements of Common Ground.
- ❖ **14 November 2019:** AQUIND submits DCO application to the Planning Inspectorate.
- ❖ **12 December 2019:** Planning Inspectorate confirms Acceptance of DCO application.
- ❖ **Late December 2019:** AQUIND publishes s.56 notice and sends notices to relevant parties.

VIEWING THE APPLICATION – PLANNING INSPECTORATE WEBSITE

- ❖ The application documents are available on the Planning Inspectorate Website (application reference EN020022). The 507 documents which comprise the application are listed in the Examination Library which includes hyperlinks to each document to make navigation much easier and enabling users to find documents they may have an interest in more quickly. Electronic copies are also available at the deposit locations as listed in the s.56 notice.

The screenshot shows the 'National Infrastructure Planning' website for the 'AQUIND Interconnector' project. The page features a navigation menu with 'Home', 'Projects', 'Application process', 'Legislation and advice', and 'Help'. A search bar is located in the top right. The main content area includes a progress bar with 'Acceptance', 'Pre-examination', and 'Examination' stages, with 'Pre-examination' being the current stage. A prominent message states: 'You can now register as an Interested Party' with a 'Register online' button. Below this, it provides contact information for those unable to register online: 'If you are unable to complete a registration form online and would like to register your interest, please call the helpline on: 0303 444 5000 to request a paper form. For further advice please see Advice Note 8.2: How to register to participate in an Examination.' At the bottom, there are tabs for 'Overview', 's51 advice', 'Documents', 'Registration form', and 'TEN-E', and a large blue button that says 'View the Examination Library with reference numbers'.

❖ **Some documents which may be of interest are as follows.**

- 1.2 Application Guide
- 2.2 Land Plans (to be read in conjunction with the Book of Reference (ref 3.4).
- 2.7 Indicative Converter Station Layout Plans
- 2.8 Indicative Converter Station Elevations
- 5.6 Needs and Benefits Report
- 6.1.15 ES, V1, Chapter 15, Landscape and Visual Amenity
- 6.1.22 ES, V1, Chapter 22, Traffic and Transport
- 6.1.24 ES, V1, Chapter 24, Noise and Vibration
- 6.1.30 ES, V1, Chapter 30, Summary and Conclusions
- 6.2.15.48 Indicative Landscape Mitigation Plan Option B(i) North
- 6.2.15.49 Indicative Landscape Mitigation Plan Option B(i) South
- 6.3.22.1A ES, V3, Appendix 22.1A, Framework Traffic Management Strategy
- 6.3.22.2 ES, V3, Appendix 22.2, Framework Construction Traffic Management Plan
- 6.4 ES, V4, Non Technical Summary
- 6.10 Outline Landscape and Biodiversity Strategy

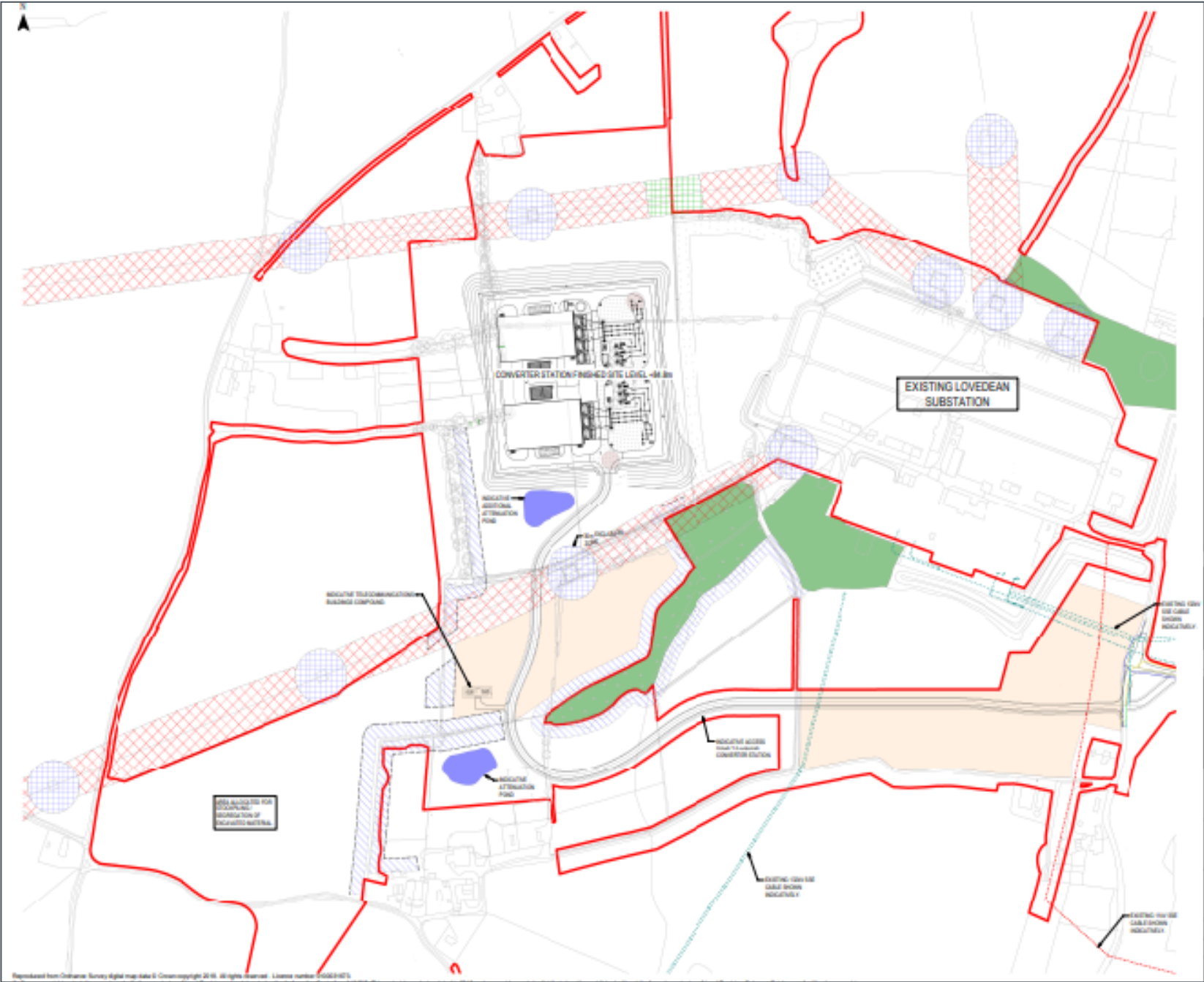
**THE ONSHORE CABLE ROUTE
(PLEASE REFER TO THE LAND PLANS (REF
2.2) AND NON-TECHNICAL SUMMARY (REF
6.4)**



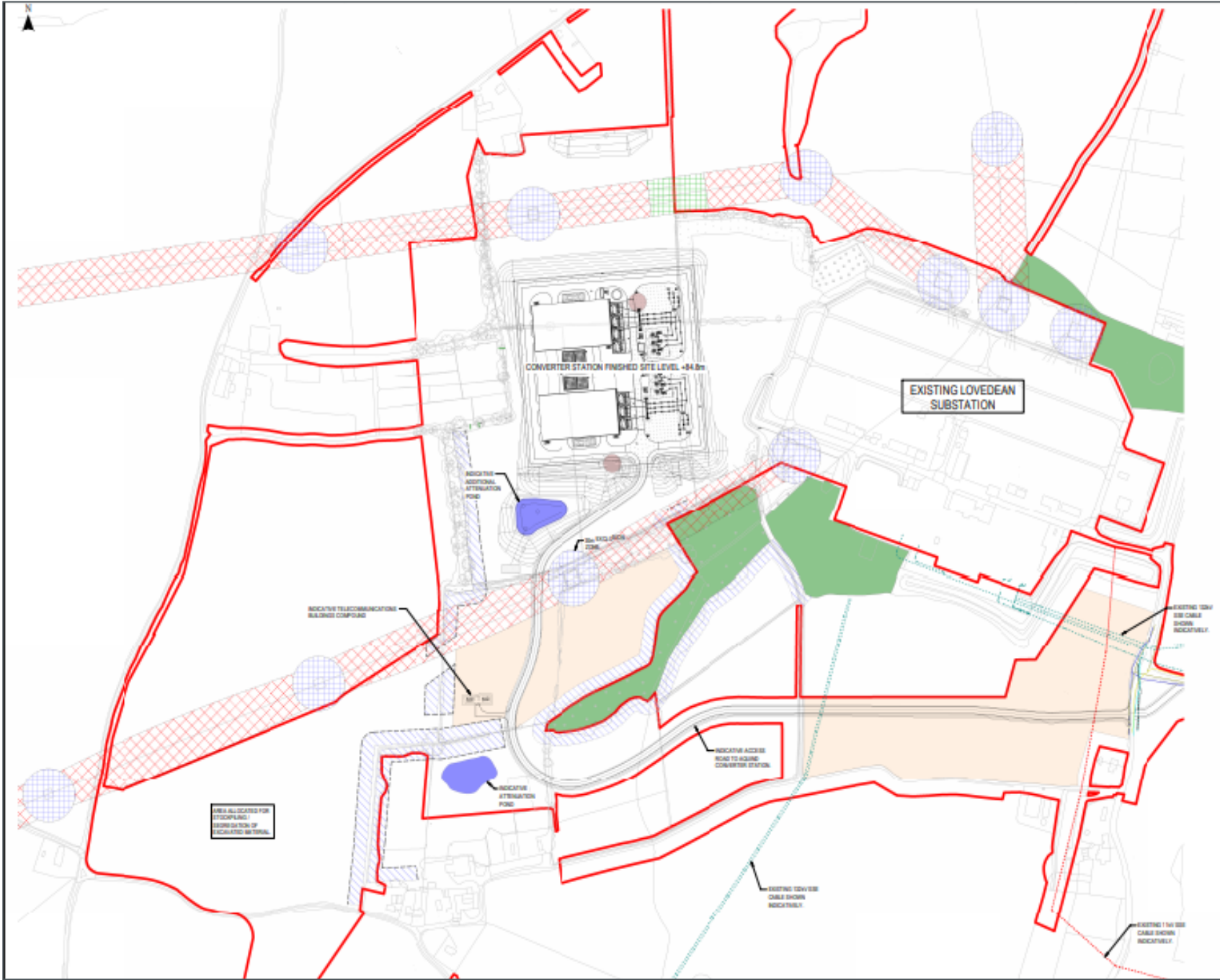
THE CONVERTER STATION



CONVERTER STATION LOCATION – OPTION (B1) (REF. 2.7)



CONVERTER STATION LOCATION – OPTION (B2) (REF. 2.7)



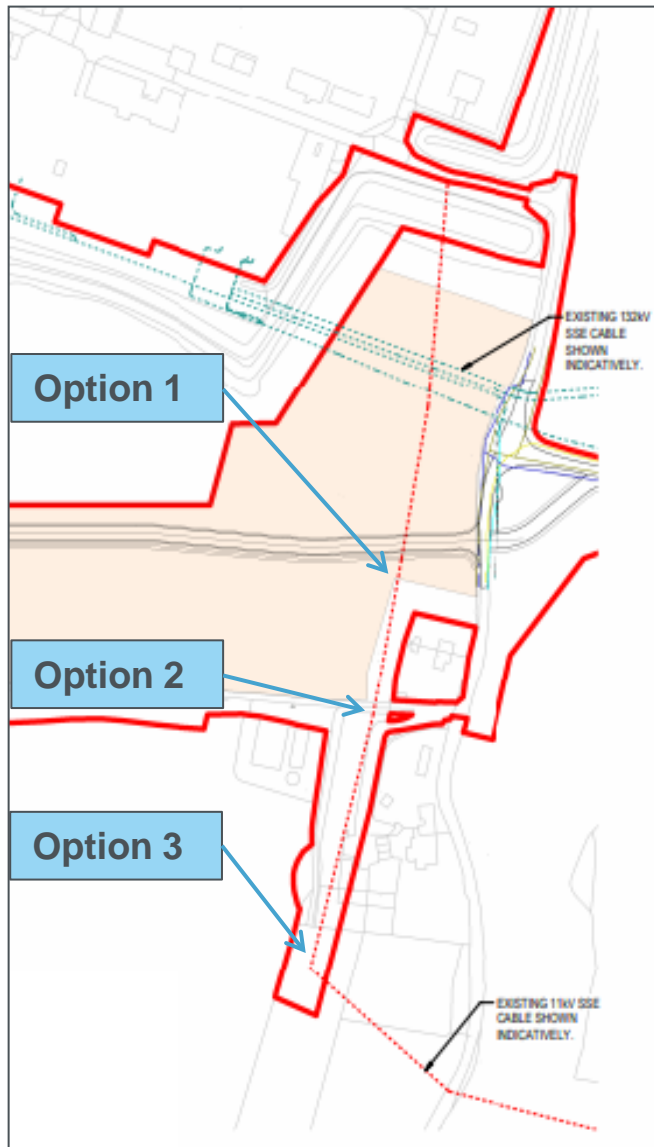
ACCESS ROAD CONSIDERATIONS (PERMANENT AND TEMPORARY)

- ❖ The indicative layout plans show a potential access road approximately 1.2km long x 7.3m wide from Broadway Lane to the south side of the proposed Converter Station compound.
- ❖ Construction traffic is estimated to reach potential levels of 45 two-way HGV's per day plus occasional Abnormal Indivisible Loads to deliver equipment (e.g. Transformers).
- ❖ Rights are also sought to temporarily use the existing access track from Broadway Lane , potentially to facilitate some early construction or enabling works.



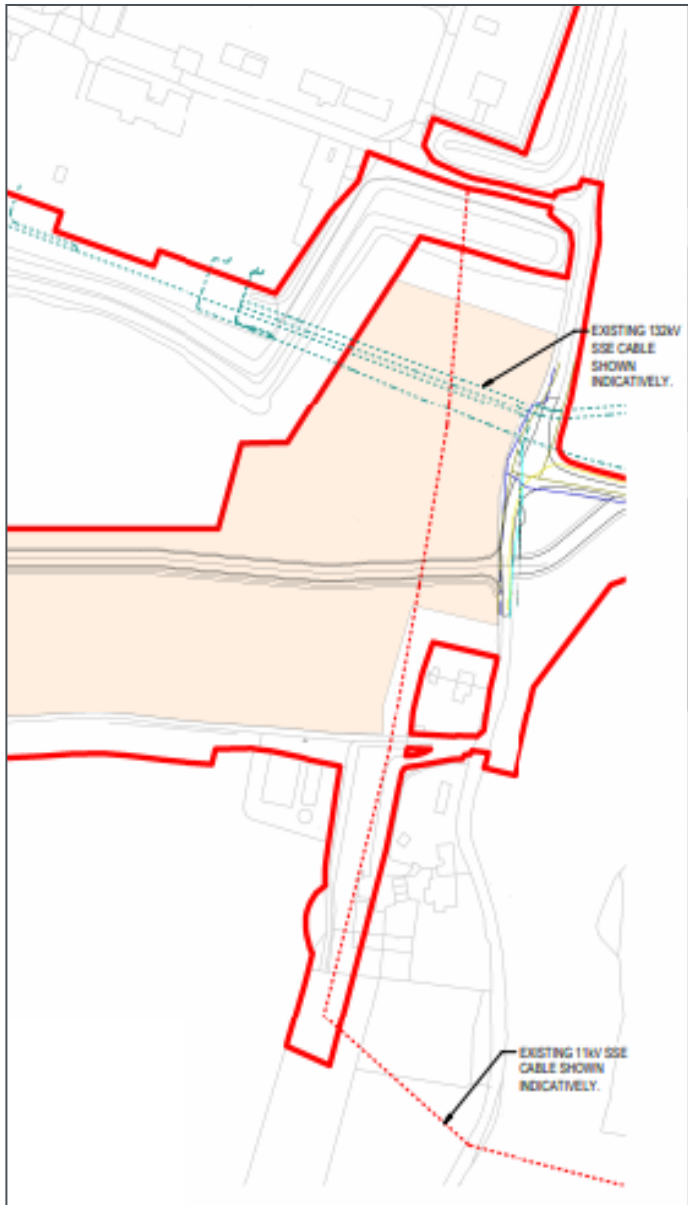
Indicative Landscape Plan (Ref 6.2.15.48)

11KV UNDERGROUNDING CONSIDERATIONS

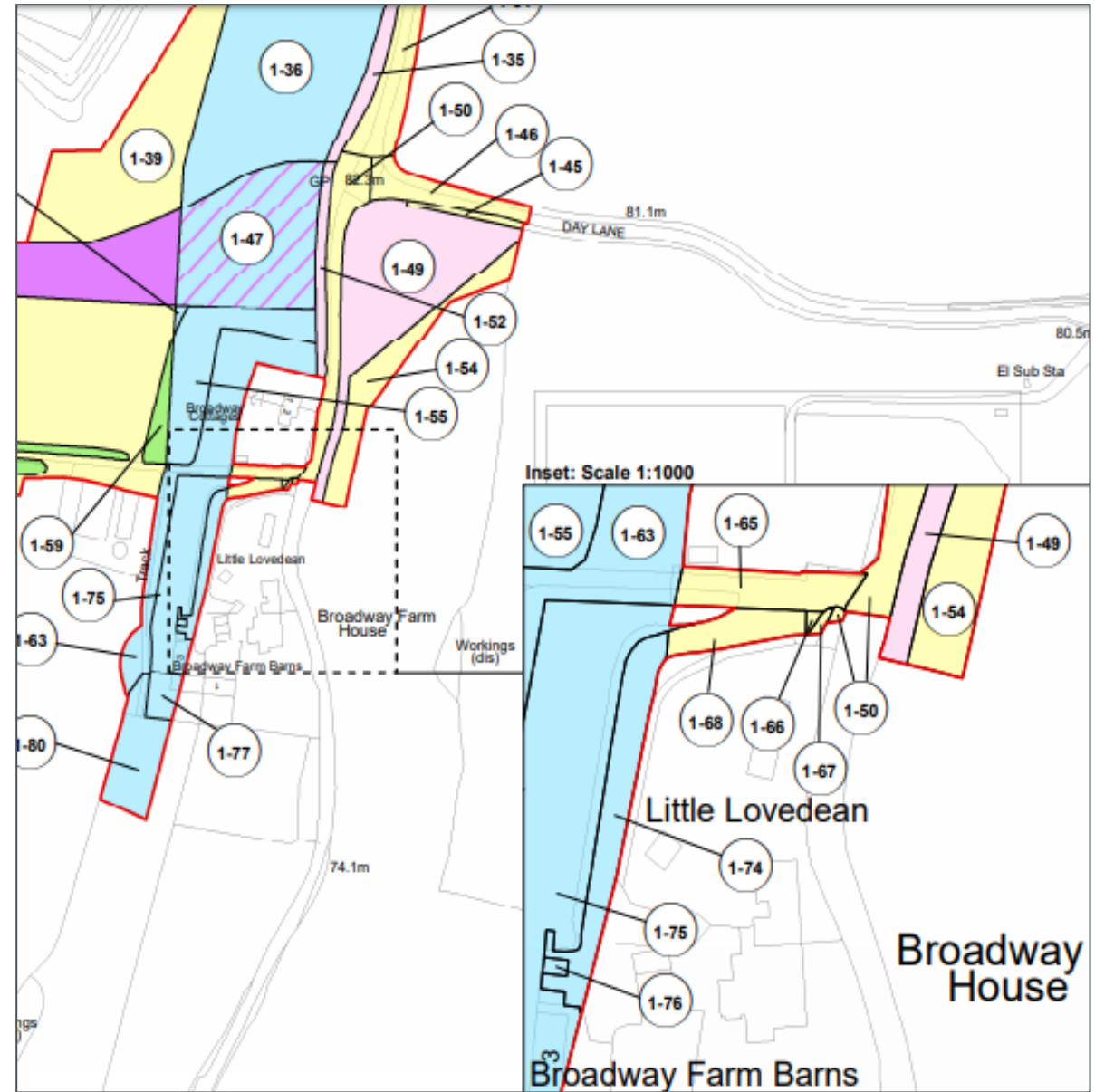


- ❖ There is a requirement to underground the overhead 11kV line as part of the project works. The overhead lines are owned by SSE who will confirm their preferred method for dealing with the cables later in the development programme.
- ❖ The Aquind Land Plans have considered three potential options:
- ❖ **Option 1:** Underground the cable from the pole in Winchester College's field.
- ❖ **Option 2:** Underground the cable from the pole at the northern edge of Plot 1-75.
- ❖ **Option 3:** Underground the cable from the pole in plot 1-80

11KV UNDERGROUNDING CONSIDERATIONS



Extract from Order Limits



Extract from Land Plans



DCO PROCESS & NEXT STEPS



Submission

- To the Planning Inspectorate (PINS) on behalf of Secretary of State (BEIS);
- This included a draft of the proposed DCO and a Consultation Report summarising how the applicant has had regard to consultation responses.

Acceptance

- 28-day period for PINS to decide whether application met requirements to be accepted for examination, with decision announced on 12th December.

Pre-examination

- Applicant publishes notice that the application has been submitted and accepted by PINS;
- **REGISTRATION PERIOD - 2 JANUARY TO 19 FEBRUARY:** Period for the public and statutory consultees to become an Interested Party and make a Relevant Representation on the application in writing;
- Relevant Representations must include a summary of points which you agree and/or disagree with about the application, highlighting what you consider to be the main issues and impacts.
- PINS appoint Examining Authority.

Examination

- The Examination is predominantly a written process, Interested Parties will be asked to respond to written questions;
- There will be some hearings, including open floor and more technical issue specific hearings and an accompanied site visit;
- With a 6-month deadline, the Examination can be an intense period with very strict deadlines for responses, and little time between deadlines.

Recommendation and Decision

- Examining Authority has 3 months to make a recommendation to Secretary of State;
- Secretary of State has a further 3 months to make a decision, taking into account the local impacts.

ESTIMATED PROJECT TIMELINE

- ❖ **12 December 2019:** PINS confirm acceptance of the application for Examination;
- ❖ **2 January to 19 February 2020:** Opportunity for the public to register their interest in the application with PINS;
- ❖ **Spring 2020 to Autumn 2020:** Examination of the DCO application;
- ❖ **Early 2021:** Secretary of State (BEIS) to make the final decision on the DCO application;
- ❖ **2021:** If approved, construction works for AQUIND Interconnector to begin.

