



Alex Hampson  
Scottish Power Renewables  
320 St Vincent Street  
Glasgow  
G2 5AD

Your Ref: NA  
Our Ref: 002590854-01  
Name: Tamsyn Rowe  
Telephone: 07774 016601  
Email: Tamsyn.Rowe@Innogy.com

Tues 19 December 2017

## **Gallopier Response to East Anglia 1North and East Anglia Two Scoping Reports**

Dear Alex Hampson,

Thank you for inviting Gallopier Wind Farm Ltd (GWFL) to respond to the request for two Scoping Opinions for the above projects by Scottish Power Renewables. GWFL is generally supportive of the Scoping requests in so far as it will provide an important contribution to renewable energy, in addition to providing potential for both regional and national economic benefits through the continued growth of the offshore wind energy sector.

GWFL does have a number of concerns that we would like to be addressed, primarily relating to the 'Areas of Search' onshore and offshore for both projects which overlap with infrastructure associated with the recently constructed Gallopier Wind Farm. I have not read the full lengths of the two reports due to their size – over 1000 pages in total.

Please note that during 2019 the Gallopier Wind Farm (GWF) offshore transmission assets are due to be sold to an offshore transmission owner (OFTO) including the onshore infrastructure, two export cables and offshore substation platform. GWFL will remain the owner of the generation assets. GWFL requests to be consulted on all aspects of the EA One North and Two projects during the consenting process, and will formally write to SPR if and when this changes in the future.

Detailed comments for consideration on both East Anglia One North and East Anglia Two are as follows:

- 1) GWFL welcomes confirmation that the operational GWF will be part of the cumulative impact assessment (CIA). We request that all phases of the two projects including construction, operation and decommissioning are considered in the CIAs.
- 2) The onshore Area of Search (AoS) for the East Anglia One North export cable corridor is for landfall between the Gallopier landfall (on Sizewell beach) and Thorpeness to the south. It is similar for project two. The AoS overlaps with the Gallopier landfall, including the landfall horizontal directional drilled cables (2 circuits), the onshore joint transition bay, and the onshore cable route from the landfall to where it crosses Sizewell Gap Road. See attached figure for the

**Gallopier Wind Farm Ltd**  
Windmill Hill Business Park  
Whitehill Way  
Swindon  
SN5 6PB  
T +44 (0)1793 877777

**Registered office:**  
Gallopier Wind Farm Limited  
Windmill Hill Business Park  
Whitehill Way  
Swindon  
SN5 6PB  
Company No. 7320597

GWFL onshore layout – this shows the consent boundary at the commencement of construction

GWFL's requires the following constraints to be built into both projects to protect the GWF assets:

- SPR to maintain a minimum 50m separation between EA cables, and the GWFL and Gabbard cables at the landfall where the HDD cables are buried, due to thermal constraints.
  - GWFL requires 10m either side of the GWF onshore cables for access for maintenance and repair. If this is wholly or partly within any easement of the EA projects, GWFL (or any future OFTO owner) must have the appropriate access rights to maintain and repair GWF cables.
  - If the EA cables cross the GWF cables on-shore the same requirements as listed below for offshore crossings apply.
  - GWFL requests that technical as built information is made available and delivered indicating cable design, trench design, GPS co-ordinates of assets, and nomenclature etc. GWFL will reciprocate and provide this information when available for the Galloper assets.
- 3) The scoping proposals show cables will cross offshore. However, the location of the NGET substation is not named, and could potentially be in or around Leiston in the vicinity of GWFL assets. GWFL requests that the cable routes associated with both projects are designed such that the need to cross GWFL cables twice is absolutely avoided.
- 4) The northern extent of the onshore AoS includes Sizewell Gap Road. The access to the GWF substation is also via Sizewell Gap Road, and although largely unmanned during operations, any loads for maintenance will use this route. This requires consideration in the cumulative impact assessment if appropriate. Closure of Sizewell Gap Road should be avoided during construction as access to the GWF substation must be maintained at all times.
- 5) Construction access onto the beach via Sizewell Road is discussed as an option. This has the potential to result in construction traffic crossing the galloper cables which will require consideration and appropriate mitigation. GWFL will need to review and sign off method statements for EAOW works (including traffic crossing GWF assets) within 20m of the GWF onshore cables (from MLWS landwards) prior to work commencing in this eventuality.
- 6) The position of any beach or sea anchors should also be considered in relation to the proximity to the GWFL cables. GWFL must be consulted on any beach or sea anchor that is placed within 300 metres of the GWF export cable.
- 7) There is one AoS for a shared offshore export cable route for East Anglia One North and East Anglia Two. The figure shows the East Anglia cables will cross the Galloper cables within 10km of the shore. GWFL expects a formal cable crossing agreement between GWFL and applicable projects to be in place in advance of the DCO application being submitted. GWFL would welcome early consultation including the review of method statements in relation to this.

Please keep GWFL up to date on the proposals and outcome of Scoping for the above two projects. I will also register via the web-site direct to facilitate this.

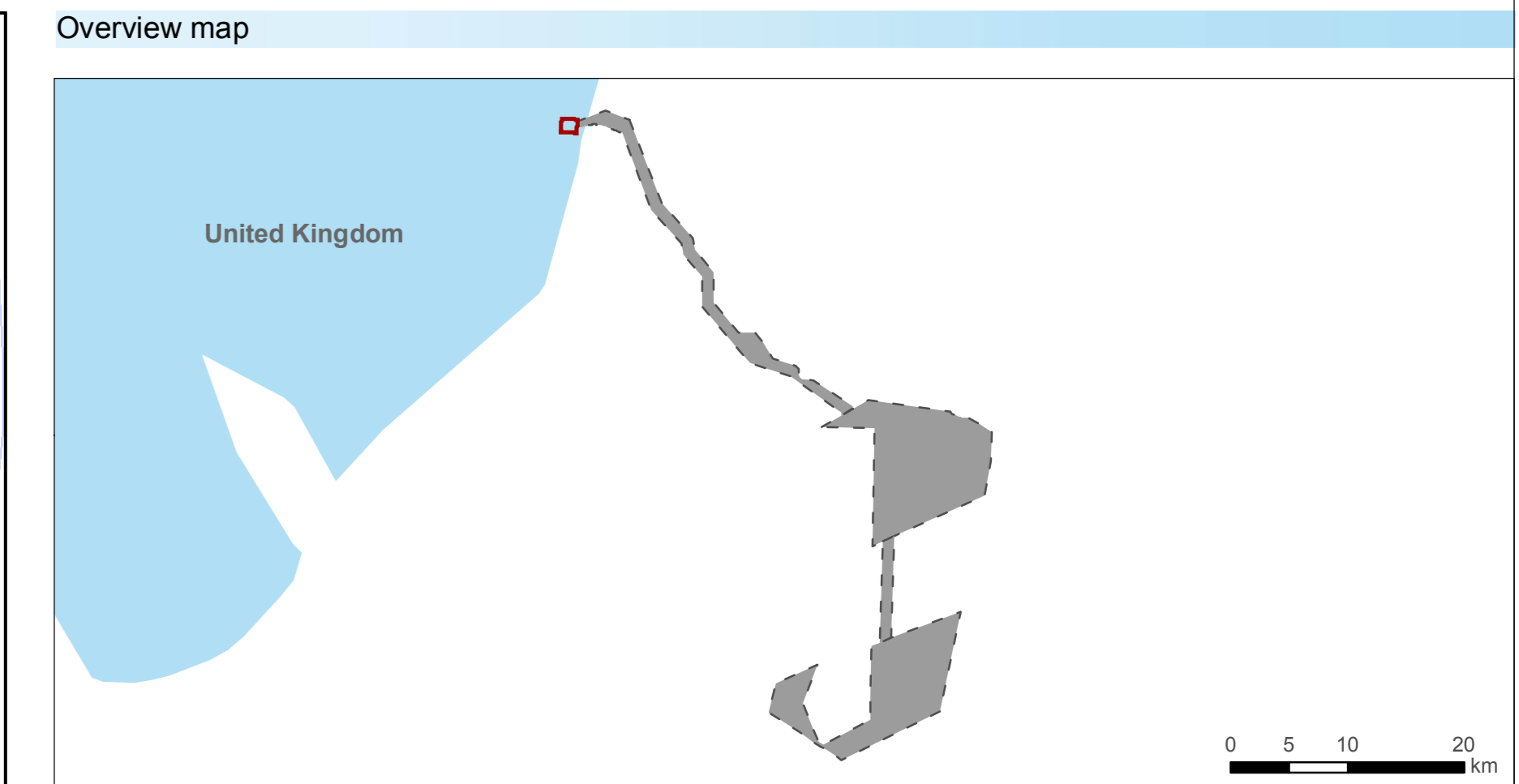
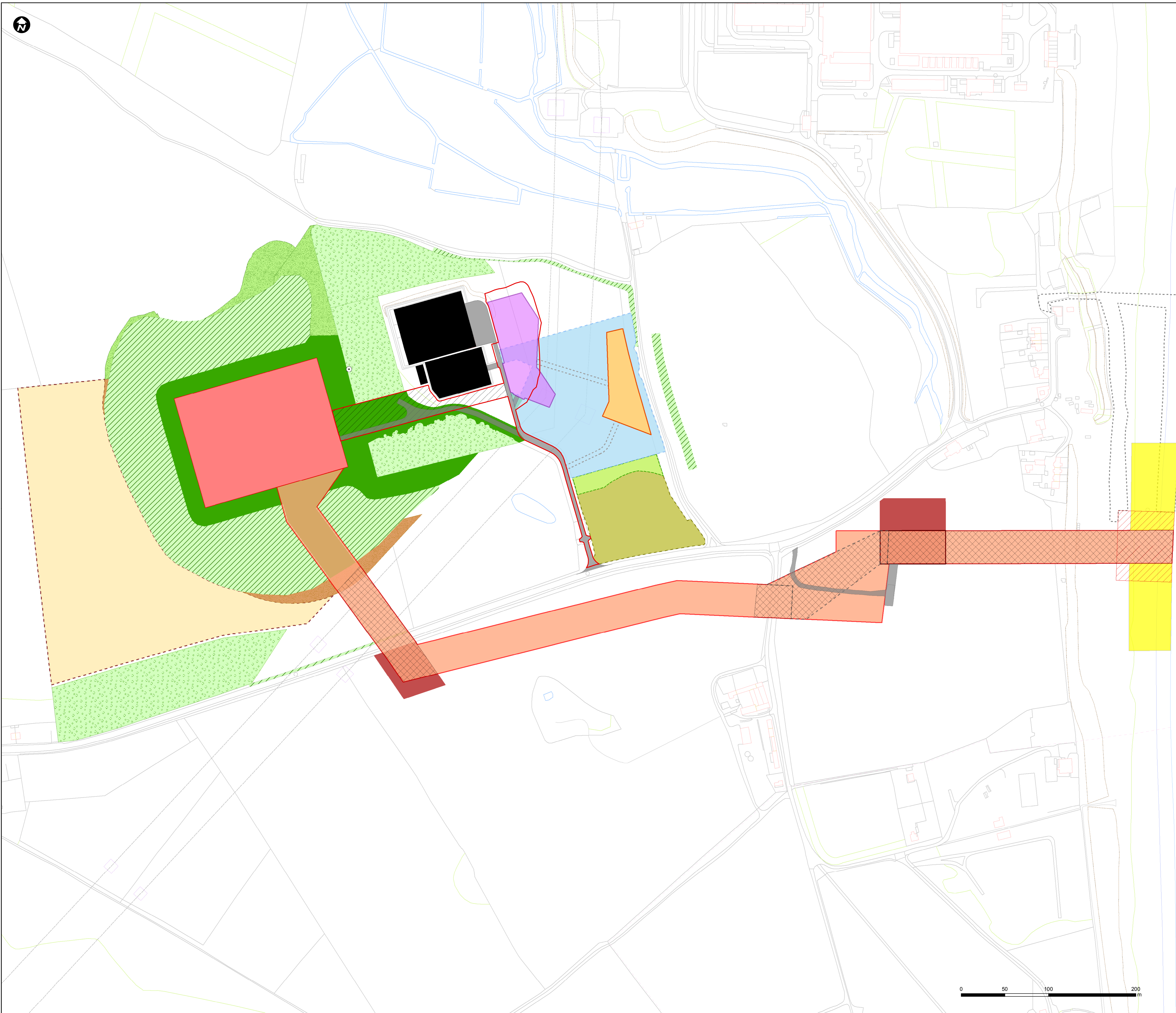
If you require any further information on the Galloper project please contact myself or my colleague Colin McAllister, Development Manager (colin.mcallister@innogy.com).

Yours sincerely



Tamsyn Rowe  
Offshore Consents Manager, Galloper Wind Farm Ltd


Enc. Galloper Wind Farm Onshore General Arrangement V4



- Legend**
- Eastern SGT red line boundary
  - NG Eastern SGT compound
  - NG ESGT construction compound
  - Greater Gabbard Offshore Wind Farm Existing Infrastructure
  - Greater Gabbard Substation
  - Access Road and car parks
  - Location of GGOWL communications pole
  - Galloper Wind Farm Proposed Infrastructure**
  - Substation
  - GWF Export Cable and Sealing End Corridor
  - Estimated Extent of Drilling
  - Estimated Extent of Optional Drilling
  - Other Electricity Cables/Utility Corridors
  - Maximum Extent of Transition Bays
  - Temporary Access Road
  - Landfall Cable Working Area
  - Anchor Area
  - Area within which Temporary Beach Access(es) must lie
  - Temporary Construction Area (Drilling/Transition Bays)
  - Temporary Construction Area (ESGT)
  - Grassed Areas (Including any Earthworks)
  - Existing Woodland Areas
  - Proposed Woodland/Woodland Edge Planting (Including any Earthworks)
  - Land Returned to Pasture (After Earthworks)
  - Land Returned to Arable (After Earthworks)
  - Improvement for Long Term Reptile Habitat (if necessary)
  - Habitat Area
  - Temporary Construction Area (Substation)

**Cartographic information**  
 Coordinate System: British National Grid  
 Map Datum: OSGB 1936  
 Background data: Reproduced from Ordnance Survey digital map data  
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**Map information**



RWE Innogy UK Ltd - Wind Offshore IOO-AC Asset Optimisation Management Windmill Hill Business Park, Whitehill Way Swindon, Wiltshire, SN5 6PB		<b>PROJECT</b> Offshore Windpark <b>GALLOPER WIND FARM LTD</b>	
<b>TITLE</b> ONSHORE GENERAL ARRANGEMENT		<b>REGULATION NO.</b> 5(2)(o)	
<b>DRAWN</b> RE57046	<b>DATE</b> 16.07.2015	<b>SCALE</b> 1:1,500	<b>SIZE</b> @DIN A0
<b>DRAWING No.</b> 001682904-04			<b>REV</b> 04

