

**Byers Gill Solar
EN010139**

7.7 Statutory Undertakers Position Statement

Planning Act 2008

APFP Regulation 5(2)(h)

Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009

Deadline 1 – August 2024

Revision 2



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1. Introduction

1.1. Purpose of this document

- 1.1.1. This purpose of this document is to set out the current position of engagement between RWE (the Applicant) and statutory undertakers that have assets or interests that would potentially be affected by Byers Gill Solar (the Proposed Development), as identified by the Book of Reference [AS-017]. This document will be updated during Examination of the Development Consent Order (DCO) application, particularly to track the parties' negotiation of protective provisions and related agreements, as relevant.
- 1.1.2. This document is a revision to the Statutory Undertaker Position Statement [APP-170] submitted with the DCO application. In summary, these updates are:
- to reflect the Applicant's engagement with several additional statutory undertakers following submission of the application which are identified in the Book of Reference [AS-017] as having assets or interests potentially affected by the Proposed Development. These statutory undertakers are BT Openreach, the Environment Agency, National Grid Electricity Transmission, NEOS Networks, Vodafone / Atkins, and Hartlepool Water Company / Anglian Water;
 - to make minor formatting amendments to avoid the duplication of the Applicant's reporting in respect of each Statutory Undertaker; and
 - to introduce traffic light reporting to indicate the progress of engagement with each statutory undertaker.
- 1.1.3. In respect of each relevant statutory undertaker, Table 2-1 of this document summarises the asset / interaction type, the location and relevance of the interaction to the Proposed Development, and the status of negotiations between the parties.
- 1.1.4. Appendix 1 (Asset Description Table) of this document provides a detailed description of each relevant asset interaction referred to in Table 2-1.
- 1.1.5. The Applicant's engagement with statutory undertakers follows the Applicant's pre-application statutory consultation as set out in the Consultation Report [APP-017]. This included notifying all relevant statutory undertakers and persons with an interest in the land under Section 42(a) and Section 42(d) of the Planning Act 2008 respectively. The Applicant sought to engage with statutory undertakers in response to feedback received to that consultation. Additionally, throughout the development of the Proposed Development prior to DCO application, the Applicant sought to engage with statutory undertakers identified through diligent inquiry as land interests. The activities undertaken as part of diligent inquiry are reported in the Statement of Reasons [APP-014].
- 1.1.6. The approach taken by the Applicant to existing statutory undertaker apparatus is to avoid any conflict between the Proposed Development and that existing apparatus. The effect of that approach is that there is not presently expected to be any requirement

to divert existing statutory undertaker apparatus as part of the Proposed Development. Powers are included within the draft DCO [APP-012] which would enable the Applicant to carry out diversions where required, but it is not currently expected that those powers will need to be relied on.

2. Summary of current position with statutory undertakers

2.1.1. Table 2-1 provides a summary of the position between the Applicant and each relevant statutory undertaker in relation to each individual asset affected.

2.1.2. The table includes traffic light model to indicate the progress of engagement between each statutory undertaker and the Applicant:

- **Green** – There are no outstanding issues in dispute between the parties.
- **Amber** – There are outstanding issues between the parties and engagement is ongoing.
- **Red** – There are outstanding issues between the parties and engagement is not ongoing.

Table 2-1 Statutory undertaker position schedule

Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
Arqiva Limited	n/a	<p>The Book of Reference [AS-017] identifies Arqiva Limited to have a Category 2 interest in respect of access rights contained in a lease dated 22 February 2016 on title number DU48726.</p> <p>The Applicant's utilities searches did not identify any Arqiva apparatus within the Order limits.</p>	<p>The Applicant's inquiries do not indicate that the Proposed Development will interact with assets owned by Arqiva and for this reason the Applicant has not engaged directly with Arqiva.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the draft DCO (dDCO) [APP-012].</p> <p>Arqiva has not submitted a representation to the Examination and the Applicant understands that Arqiva does not object to the terms of the dDCO [APP-012].</p>
British Telecommunications PLC	Telecoms cables	<p>Located in or nearby Redmarshall Road, Kirk Hill and Letch Lane, within or nearby which the Proposed Development's 132kV cabling will be laid.</p> <p>Minimal disruption to BT's asset is expected because it is located in a public highway.</p> <p>Appendix 1 Asset ID: BT_001</p> <p>Located in or nearby the private access track running south from Lodge Lane which will be used for the Proposed Development.</p> <p>The access track for the Proposed Development will cross BT's asset at one point.</p> <p>Appendix 1 Asset ID: BT_002</p>	<p>Engagement between the parties' technical teams commenced in March 2024 to confirm the interaction of the Proposed Development with BT's existing assets and BT's requirements in respect of asset crossings.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>BT has not submitted a representation to the Examination and the Applicant understands that BT does not object to the terms of the dDCO [APP-012].</p>
Environment Agency	Land interests	<p>The Book of Reference [AS-017] identifies that the EA has:</p> <ul style="list-style-type: none"> • a cautionary interest in plot 4/3, over which the Applicant seeks compulsory acquisition of new rights; • maintenance rights in respect of Bishopton Beck over plot 9/11, which is not subject to compulsory acquisition; and • maintenance rights in respect of Bishopton Beck over plot 11/6, over which the Applicant seeks compulsory acquisition of new rights. <p>The Applicant does not consider that the new rights sought over plots 4/3 and 11/6 will interfere with the EA's interests.</p>	<p>The Applicant initially engaged with the EA in March 2023 to identify the interaction of the EA's land interests with the Proposed Development.</p> <p>The Applicant understands from the EA's relevant representation [RR-168] that the EA does not have any concerns about the compulsory acquisition powers included in the dDCO [APP-012] in respect of these plots (as distinct from the other concerns raised by the EA).</p> <p>The Applicant's legal advisors contacted the EA in August 2024 to seek confirmation of the EA's position.</p>
GTC Pipelines Ltd	Low pressure (LP) gas pipeline	<p>Located in Carlton village, the gas pipeline crosses the proposed 132kV cable route.</p> <p>Appendix 1 Asset ID: GTC_001</p>	<p>GTC confirmed in February 2024 that no GTC consent would be required for the asset crossing, providing that the Applicant adheres to safe digging practices including Health and Safety Guidance 47 (Avoiding danger from underground services) and National Joint Utilities Group (NJUG) Guidelines.</p>

Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
Hartlepool Water Company (Anglian Water Group Limited)	Drainage and water mains	<p>Located at Panel Area D.</p> <p>Pipeline runs south-west/north-east through Panel Area D and will be crossed by fencelines for the Proposed Development at 6 points.</p> <p>The current plans include solar panels either side of the pipeline which have been designed with a 2.8m easement. Minimum clearance requirements are expected to be agreed with Anglian Water.</p> <p>Appendix 1 Asset ID: HWC_001</p>	<p>During the Applicant's engagement with Northumbrian Water, Northumbrian Water confirmed in March 2024 that this asset is a private service main leading to Elstob Hill Farm and is owned by Hartlepool Water Company (Anglian Water Group).</p> <p>Engagement between the technical teams for the Applicant and Anglian Water commenced in March 2024 to confirm the interaction of the Proposed Development with Anglian Water's existing asset and Anglian Water's requirements in respect of crossings and easements.</p> <p>Anglian Water confirmed in April 2024 its requirements for the pipeline easement width and any associated agreements.</p> <p>Protective provisions for water and sewerage undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p> <p>Anglian Water has not submitted a representation to the Examination and the Applicant understands that Anglian Water does not object to the terms of the dDCO [APP-012].</p>
INEOS Manufacturing (Hull) Limited / INEOS 2010 Limited / SABIC	Ethylene Gas Pipeline	<p>Located on Letch Lane on the approach to Norton Substation from the west.</p> <p>The ethylene pipeline runs north to south perpendicular to the road which the 132kV connection cable is expected to cross.</p> <p>Appendix 1 Asset ID: I/S_001</p>	<p>INEOS / SABIC confirmed in March 2024 that it has no concerns with the proposed asset crossing.</p> <p>The Applicant will undertake site investigations works following the grant of development consent to inform detailed design of the pipeline crossing to be coordinated with INEOS / SABIC and in accordance with their conditions and restrictions. This will be managed through an agreement between the Applicant and INEOS / SABIC.</p> <p>Protective provisions for gas undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p> <p>INEOS / SABIC have not submitted a representation to the Examination and the Applicant understands that INEOS / SABIC do not object to the terms of the dDCO [APP-012].</p>
National Gas Transmission Plc	High pressure (HP) gas pipeline	<p>Located in Panel Area A to the north of High House Lane.</p> <p>The pipeline runs through proposed panel area, which includes buffers to avoid the area of the pipeline. The gas pipeline has an easement of 12m (6m either side of the pipeline). The easement is to be maintained with the perimeter fence line and PV modules to remain outside of this area, as has been considered in the design. Road crossings will also be required.</p> <p>Appendix 1 Asset: ID NGG_001</p>	<p>The Applicant requested further information from the asset protection team on NGT's requirements.</p> <p>NGT submitted a relevant representation [RR-174] in respect of NGT's land, assets and undertaking and requested protective provisions to be included in the dDCO [APP-012].</p> <p>Engagement between the parties' legal advisors commenced in March 2024 and is ongoing to negotiate bespoke protective provisions for NGT together with any side agreement.</p> <p>Protective provisions for gas undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p>
	Low pressure (LP) gas pipeline	<p>Located in Panel Area E.</p> <p>PV modules and fencing are to be placed outside of the pipeline easement as has been considered in the design. There will be one permanent road crossing to be agreed to access inverter stations. Cabling assumed to follow same crossing point. Minimum clearances required by NGT are to be maintained.</p> <p>Appendix 1 Asset ID: NGG_002</p>	
National Grid Electricity Transmission PLC	400kV overhead line	<p>NGET's 400kV overhead transmission lines run north-south from Norton Substation over Letch Lane, beneath which the 132kV cabling for the Proposed Development will be laid.</p> <p>Appendix 1 Asset ID: NGET_001</p>	<p>Engagement between the parties' technical teams commenced in January 2024 to confirm the interaction of the Proposed Development and NGET's existing assets and NGET's requirements in respect of asset crossings.</p> <p>At a meeting between the parties in January 2024, NGET confirmed that it has no objection to the cable route crossing beneath NGET's 400kV overhead lines.</p>

Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
			<p>NGET submitted a relevant representation [RR-372] in respect of NGET's land, assets and undertaking and requested protective provisions to be included in the dDCO [APP-012].</p> <p>Engagement between the parties' legal advisors commenced in January 2024 and is ongoing to negotiate bespoke protective provisions together with associated agreements. It is expected that NGET will share first drafts for review by the Applicant.</p> <p>Protective provisions for electricity undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p>
Neos Networks Limited	Telecoms cable	Neos' telecoms cable runs in a shared GEO duct running approximately north-south through the Order limits crossing Lime Lane and Salters Lane before running east to meet Bishopton Lane running south. There will be multiple crossings with the Proposed Development.	<p>Engagement between the parties' technical teams commenced in March 2024 to confirm the interaction of the Proposed Development and Neos' existing assets and Neos' requirements in respect of asset crossings.</p> <p>Neos confirmed in March 2024 that, providing the Applicant follows safe-dig procedures, no further permission or supervision for the works is required by Neos.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>Neos has not submitted a representation to the Examination and the Applicant understands that Neos does not object to the terms of the dDCO [APP-012].</p>
Network Rail Infrastructure Limited	Railway Bridge	<p>Located at Norton Substation.</p> <p>Interaction with disused railway branch line.</p> <p>Appendix 1 Asset ID: NR_001</p>	<p>Engagement between the parties' legal advisors commenced in February 2024 and is ongoing to support the parties' ongoing technical discussions.</p> <p>Network Rail submitted a Relevant Representation [RR-374] expressing concerns in relation to the potential impact of construction traffic on 6 bridges owned by Network Rail. Network Rail confirmed no-objection to the acquisition of new rights over plots 13/16 and 13/17 as these plots relate to a disused railway (the former Stockton to Shotton line), now in third party ownership.</p> <p>Network Rail further clarified to the Applicant in July 2024 that it has no objection to the compulsory acquisition powers proposed in respect of plots 13/16 and 13/17.</p> <p>Engagement between the parties' technical teams is ongoing to resolve Network Rail's outstanding concerns relating to construction traffic.</p>
Northern Gas Networks Limited	Intermediate pressure gas pipeline	<p>Located at Panel Area A.</p> <p>The 33kV cable crosses over at three separate locations. Temporary road crossings and potentially one permanent road crossing expected based on inverter / road layouts.</p> <p>Appendix 1 Asset ID: NGN_001</p>	<p>The Applicant has agreed to a 50ft (15m) buffer along pipeline to be maintained for the benefit of NGN. At the detailed design stage post-consent, the Applicant will provide NGN with further details to agree crossing points for the 33kV cable.</p> <p>Engagement between the parties' legal advisors commenced in March 2024 and is ongoing to negotiate an Asset Protection Agreement. The Applicant is currently preparing return comments on the draft APA provided by NGN.</p> <p>Protective provisions for gas undertakers are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>NGN has not submitted a representation to the Examination.</p>
Northern Power Grid	Overhead Line (OHL)	<p>Located at Panel Area A.</p> <p>4 fencelines cross under powerlines. 1 33kV cable passes underneath. PV Modules designed beneath the OHL.</p> <p>Appendix 1 Asset ID: NPG_001</p>	<p>The Applicant provided further information to NPG to inform land enquiry. Required clearances are to be confirmed to verify that the design complies with minimum distances.</p> <p>NPG confirmed in March 2024 that all works in the vicinity of existing NPG assets should be done having regard to HSE Guidance.</p>

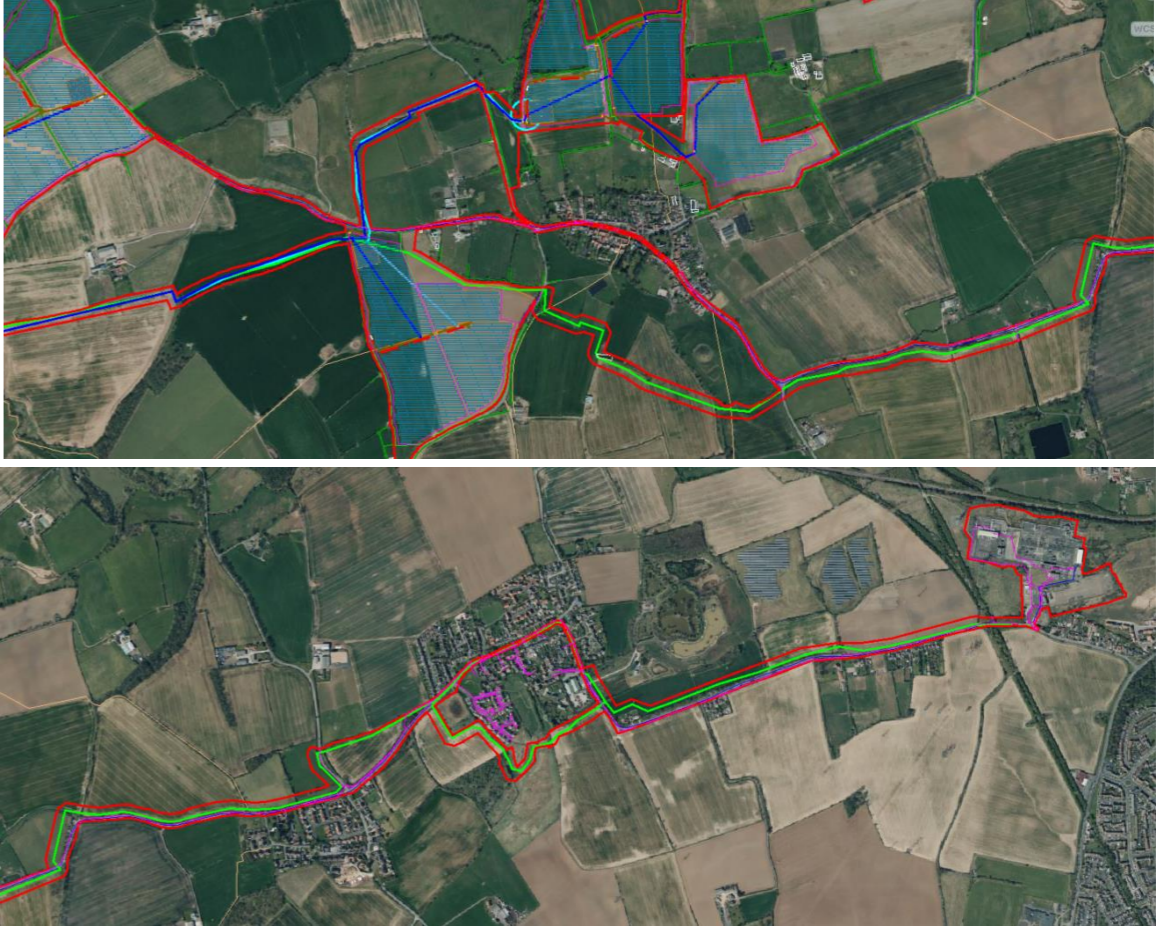

Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
	OHL	<p>Located at Panel Area A.</p> <p>Multiple fencelines and 2 33kV cables will cross. PV modules designed under the OHL. Required clearances to be confirmed to verify design complies with minimum distances.</p> <p>Appendix 1 Asset ID: NPG_002</p>	<p>NPG submitted a relevant representation [RR-536] in respect of NGT's land, assets and undertaking and requested protective provisions to be included in the dDCO [APP-012].</p> <p>Engagement between the parties' legal advisors commenced in May 2024 and is ongoing to negotiate bespoke protective provisions and an asset protective agreement. NPG provided first drafts for review by the Applicant on 8 August 2024.</p>
	OHL	<p>Located at Panel Area A.</p> <p>Multiple fences and a 33kV cable will cross. PV modules designed under the OHL. Required clearances to be confirmed to verify design complies with minimum distances.</p> <p>Appendix 1 Asset ID: NPG_003</p>	
	OHL	<p>Located at Panel Area B.</p> <p>Multiple fence crossings only. Minimum separation distances from infrastructure to be clarified and confirmed in the design.</p> <p>Appendix 1 Asset ID: NPG_004</p>	<p>Protective provisions for electricity undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p>
	OHL	<p>Located at Panel Area B.</p> <p>Two fence crossings only. Minimum separation distances from infrastructure to be clarified and confirmed in the design.</p> <p>Appendix 1 Asset ID: NPG_005</p>	
	OHL	<p>Located at Panel Area C.</p> <p>Two fence crossings only. Minimum separation distances from infrastructure to be clarified and confirmed in the design.</p> <p>Appendix 1 Asset ID: NPG_006</p>	
	OHL	<p>Located at Panel Area D.</p> <p>No infrastructure proposed under the OHL (except fences). Positioning of inverter stations to be considered in relation to minimum separation distances and construction activities in the vicinity.</p> <p>Appendix 1 Asset ID: NPG_007</p>	
	OHL	<p>Located at Panel Area E.</p> <p>Two 33kV crossings. PV boundary fencing to be placed outside any easement or maintain minimum clearances.</p> <p>Appendix 1 Asset ID: NPG_008</p>	
	OHL	<p>Located at Panel Area F.</p> <p>33kV and road to pass underneath the OHL.</p>	


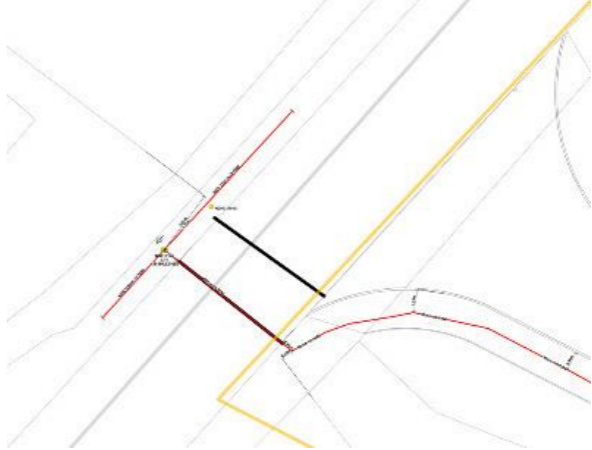

Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
		Appendix 1 Asset ID: NPG_009	
Northumbrian Water Limited	Drainage pipe & water mains	<p>Located at Panel Area B.</p> <p>Drainage pipe is expected to be outside the redline boundary so crossings are unlikely. Minimum clearance requirements to be confirmed, it is expected these can be agreed with Northumbrian Water.</p> <p>Appendix 1 Asset ID: NW_001</p>	<p>The Applicant's legal advisors contacted Northumbrian Water in March 2024 to confirm that protective provisions for electricity, gas, water and sewerage undertakers are included in the dDCO and that the Applicant is committed to entering necessary agreements in respect of crossing points between Northumbrian Water's existing apparatus and the Proposed Development.</p> <p>The parties' technical teams have had separate engagement, including to hold two meetings in January and March 2024 to discuss the interaction of the Proposed Development with Northumbrian Water's assets. Northumbrian Water confirmed that NWL have no objection to the Proposed Development with the proviso that a cathodic protections specialist must assess any at-risk crossings before formal crossing agreements can be actioned. The Applicant's technical team confirm in May 2024 that the appropriate risk assessments will be carried out at the detailed design stage and that protective provisions are included in the dDCO [APP-012].</p>
	Drainage pipe	<p>Located at Panel Area D.</p> <p>Close to redline boundary so buffers to be considered for placement of perimeter fencing. The pipe continues south-east and 33kV cable route may interact at this location. Minimum clearances are to be maintained in agreement with Northumbrian Water.</p> <p>Appendix 1 Asset ID: NW_002</p>	<p>Protective provisions for water and sewerage undertakers are included in Part 1 of Schedule 11 to the dDCO [APP-012].</p>
	Drainage pipe	<p>Located at Panel Area D.</p> <p>Close to redline boundary so buffers to be considered for placement of perimeter fencing. The pipe continues south-east and 33kV cable route may interact at this location. Minimum clearances are to be maintained in agreement with Northumbrian Water.</p> <p>Appendix 1 Asset ID: NW_003</p>	<p>Northumbrian Water has not submitted a representation to the Examination and the Applicant understands that Northumbrian Water does not object to the terms of the dDCO [APP-012].</p>
	Water pipeline	<p>Located at Panel Area F.</p> <p>33kv cable crossing, no other infrastructure in this field. Road access to eastern PV field also cross the pipeline at same location.</p> <p>It is assumed the pipeline continue south along the existing road and will not enter into the solar PV fields. Potential for second 33kV cable crossing further south.</p> <p>Appendix 1 Asset ID: NW_004</p>	
Virgin Media Limited	Telecoms cables	<p>Located at Panel Area E.</p> <p>Two 33kV crossings. PV boundary fencing to be placed outside any buffer or maintain minimum clearances.</p> <p>Appendix 1 Asset ID: VM_001</p>	<p>The Applicant's legal advisors contacted Virgin Media in March 2024 to confirm that protective provisions for operators of electronic communications code networks are included in the dDCO and that the Applicant is committed to entering necessary agreements in respect of crossing points between Virgin Media's existing apparatus and the Proposed Development.</p> <p>In March 2024, Virgin Media confirmed no-objection in principle to the Proposed Development.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>Virgin Media has not submitted a representation to the Examination and the Applicant understands that Virgin Media does not object to the terms of the dDCO [APP-012].</p>
Vodafone Limited and Atkins	Telecoms cables	Located at Panel Area D.	This asset is now understood to be owned by Vodafone / Atkins, rather than Virgin Media / Atkins.



Statutory undertaker (SU)	Asset/ Crossing Type	Location and Relevance to Proposed Development	Status
		<p>Close to redline boundary so easements to be considered for placement of perimeter fencing.</p> <p>It is assumed the cable continues south-east and 33kV cable route may interact but minimum clearances should be maintained.</p> <p>Appendix 1 Asset ID: VF_001</p>	<p>The Applicant's technical team contacted Atkins in April 2024 to confirm the interaction of the Proposed Development and Atkins/Vodafone's existing assets and Atkins/Vodafone's requirements in respect of asset crossings.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>Vodafone / Atkins have not submitted a representation to the Examination and the Applicant understands that Vodafone / Atkins do not object to the terms of the dDCO [APP-012].</p>
<p>Zayo Group UK Limited</p>	<p>Telecoms cables</p>	<p>Located at Panel Area A.</p> <p>Telecoms cable in private land and therefore anticipated that a buffer would be required to be maintained.</p> <p>The current design does not include any infrastructure over the asset except fencing. RWE are awaiting further information to be provided on required easement areas to be confirmed and maintained as part of the detailed design.</p> <p>DC cable crossing would need to comply with minimum clearances. Construction traffic crossing may also need agreement for crossing design in accordance with asset owner's requirements.</p> <p>Appendix 1 Asset ID: Z_001</p>	<p>Engagement between the parties' technical teams commenced in November 2023 to confirm the interaction of the Proposed Development and Zayo's existing assets and Zayo's requirements in respect of asset crossings.</p> <p>The Applicant's legal advisors contacted Zayo's legal team in March 2024 to confirm that protective provisions for operators of electronic communications code networks are included in the dDCO and that the Applicant is committed to entering necessary agreements in respect of crossing points between Zayo's existing apparatus and the Proposed Development.</p> <p>Protective provisions for operators of electronic communications code networks are included in Part 2 of Schedule 11 to the dDCO [APP-012].</p> <p>Zayo has not submitted a representation to the Examination and the Applicant understands that Zayo does not object to the terms of the dDCO [APP-012].</p>
	<p>Telecoms cables</p>	<p>Located at Panel Area C.</p> <p>Potential road crossing at exit from PV field along 33kV cable route. Telecoms cable in private land and therefore anticipated that an easement is to be maintained.</p> <p>The current design does not include any infrastructure over the asset except fencing. RWE are awaiting further information to be provided on required easement areas to be confirmed and maintained as part of the detailed design.</p> <p>DC and 33kV cable crossings would need to comply with minimum clearances.</p> <p>Appendix 1 Asset ID: Z_002</p>	




Appendix 1 – Asset Description Table



Table 2-2 Asset description



Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
BT_001	British Telecommunications PLC	Telecoms cable	<p>The 132kV cable route for the Proposed Development will run from East of Bishopton, along the off-road cable route to the south of Bishopton shown in green, and then either along or nearby Redmarshall Road, through Carlton, and along Letch Lane to Norton Substation. The on-road and off-road cable route options are shown respectively in dark blue and green.</p> <p>The BT telecoms cable (shown in pink) runs along a similar route between Bishopton and Norton Substation and there will be multiple crossing points with the 132kV cabling depending on the final cable route.</p>	
BT_002	British Telecommunications PLC	Telecoms cable	<p>At this location the Proposed Development will use an existing private track running south from Lodge Lane for access to the Proposed Development (shown in brown).</p> <p>The BT telecoms cable (shown in pink) runs within or nearby this access track and will be crossed by the Proposed Development's access at one point.</p>	

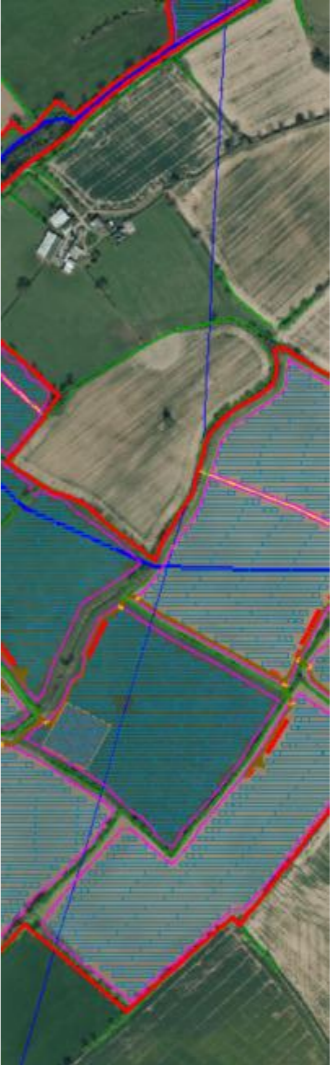
Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
GTC_001	GTC Pipelines Ltd	Low pressure gas pipeline	<p>The LP pipeline is in Carlton village.</p> <p>The potential on-road 132kV cable route crosses the pipeline perpendicularly. The indicative on-road 132kV cable route is shown in blue and the GTC pipeline runs perpendicular to this at the junction shown.</p>	 
HWC_001	Hartlepool Water Company (Anglian Water Group Limited)	Water pipeline	<p>The pipeline (light blue dash) located at Panel Area D.</p> <p>Buffers from assets to be observed. 6x fencing crossings (pink) and DC cable crossings to observe minimum clearances.</p>	



Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
I/S_001	INEOS / SABIC	Ethylene Gas Pipeline	<p>The Ethylene gas pipeline (green) is located on Letch Lane on the approach to Norton Substation from the west.</p> <p>The pipeline runs north to south perpendicular to the road and the potential on-road 132kV cable (blue) which is expected to cross the pipeline.</p>	
NGG_001	National Grid Gas	High pressure gas pipeline	<p>The HP pipeline is located in Area A, South of the Lime Lane/Lodge Lane junction.</p> <p>The pipeline (yellow dash) runs adjacent to the proposed panel area, crossing Lime Lane to the North.</p> <p>DC cable crossings will be required along with temporary road crossings.</p>	
NGG_002	National Grid Gas	Low pressure gas pipeline	<p>The LP pipeline is located in Panel Area E as shown in yellow.</p> <p>There will be one permanent road crossing (brown) to be agreed to access inverter stations. 33kV Cabling (blue) assumed to follow same crossing point.</p> <p>The LP pipeline continues north in the second picture and will need to cross the 33kV cable route (blue).</p>	





Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
				
NGET_001	National Grid Electricity Transmission PLC	400kV overhead line	NGET's 400kV overhead transmission lines run south from Norton Substation over Letch Lane, beneath which the 132kV cabling for the Proposed Development will be laid	
NR_001	Network Rail	Railway Bridge	<p>Located at Norton Substation which is to the Northeast of the crossing.</p> <p>The interaction is with the disused railway branch line shown in green in the second picture. The 132kV cable (dark blue) crossing at this point is to be discussed with Network Rail.</p>	



Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
				
NGN_001	Northern Gas Networks	Intermediate pressure gas pipeline	<p>NGN has a gas pipeline is shown in Yellow and is Located at Panel Area A.</p> <p>Expected crossings include 3x 33kV cable (blue) crossings and 3x road crossings (brown).</p>	



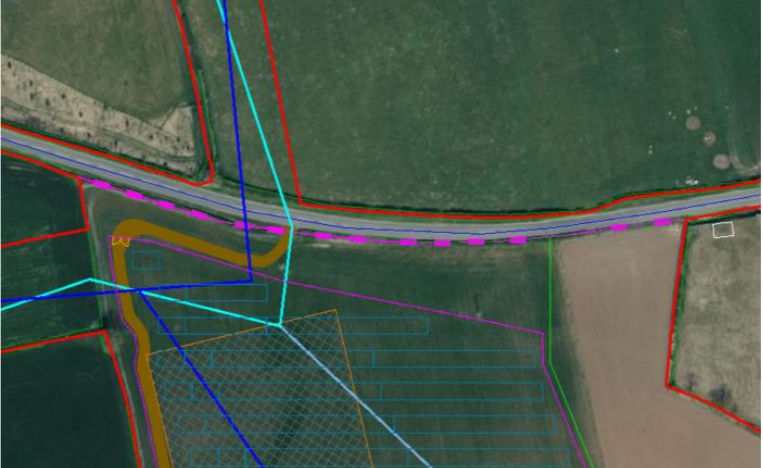
Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NPG_001	Northern Power Grid	Overhead Line (OHL)	<p>The OHL (blue) runs North to South, located at Panel Area A.</p> <p>It crosses over 4x fence lines (pink) and 1x 33kV cable (blue). PV Modules are designed beneath the OHL.</p> <p>Minimum separation distances from infrastructure to be confirmed in the detailed design.</p>	
NPG_002	Northern Power Grid	OHL	<p>The OHL (blue) runs North to South, located at Panel Area A.</p> <p>Multiple fence lines (pink), 2x 33kV cables (blue) and 1x temporary access road (brown) will cross beneath these OHLs. PV modules are designed beneath the OHLs.</p> <p>Minimum separation distances from infrastructure to be confirmed in the detailed design.</p>	



Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NPG_003	Northern Power Grid	OHL	<p>The OHL (blue) located at Panel Area A runs North to South.</p> <p>Multiple fences (pink), 1x 33kV cable (blue) and 1x temporary road (brown) will cross underneath. PV modules are designed under the OHL.</p> <p>Minimum separation distances from infrastructure to be confirmed in the detailed design.</p>	

Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NPG_004	Northern Power Grid	OHL	<p>The OHLs (dark blue dash) located at Panel Area B run in a cross from NE to SW and NW to SE.</p> <p>5x fence crossings (pink) are expected with 1x temporary road crossing (brown) and 1x further temporary road in proximity to the OHL.</p> <p>Minimum separation distances from infrastructure to be confirmed in the detailed design.</p>	
NPG_005	Northern Power Grid	OHL	<p>The OHL (dark blue dash) is located at Panel Area B.</p> <p>This OHL is expected to have 2x fences crossing (pink) underneath only.</p>	

Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NPG_006	Northern Power Grid	OHL	<p>The OHL (dark blue dash) is located at Panel Area C running SW to NE and connecting to the farm in the image.</p> <p>3x fence crossings (pink), 2x 33kV cables (blue & light blue) and 2x permanent road accesses (brown) will cross underneath.</p> <p>Minimum separation distances from infrastructure to be confirmed in the detailed design.</p>	
NPG_007	Northern Power Grid	OHL	<p>The OHL (dark blue dash) is located at Panel Area D running NW to SE.</p> <p>6x fence crossings (pink), 2x 33kv cable crossings (blue) and 1 access road crossing (brown) are expected to cross underneath.</p> <p>Positioning of inverter stations (red) to be considered in relation to minimum separation distances and construction activities in the vicinity.</p>	
NPG_008	Northern Power Grid	OHL	<p>The OHL (dark blue dash) is located at Panel Area E running East to West.</p> <p>Expected crossings include 2x 33kV crossings (blue and light blue) and 1x permanent access road (brown). PV boundary fencing (pink) to be placed outside any easement or maintain minimum clearances.</p>	
NPG_009	Northern Power Grid	OHL	<p>The OHL (dark blue dash) is located at Panel Area F running NW to SE.</p> <p>1x 33kV cable (blue) and 1x permanent access road (brown) will pass underneath the OHL.</p>	

Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NW_001	Northumbrian Water	Drainage pipe & water mains	<p>The drainage pipe (light blue dash) is located at Panel Area B.</p> <p>The drainage pipe is expected to be outside the redline boundary, so crossings are unlikely.</p> <p>The pipe extends south to cross the 33kV cable route (blue) along Slaters Lane in second image.</p>	
NW_002	Northumbrian Water	Drainage pipe	<p>Drainage pipe (light blue dash) located at Panel Area D.</p> <p>Close to redline boundary so buffers to be considered for placement of perimeter fencing.</p>	

Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
NW_003	Northumbrian Water	Drainage pipe	<p>Drainage pipe (light blue dash) located at Panel Area D.</p> <p>Close to redline boundary so buffers to be considered for placement of perimeter fencing.</p>	
NW_004	Northumbrian Water	Water Pipeline	<p>The pipeline (light blue dash) is located at Panel Area F.</p> <p>There will be 1x 33kV cable crossing (blue), with no other infrastructure in this field. 1x road access (brown) to the eastern PV field also crosses the pipeline at same location.</p> <p>It is assumed the pipeline continues south along the existing road and will not enter the solar PV fields. There is a potential second 33kV cable crossing and access road crossing further south. This is shown in the second picture.</p>	
VM_001	Virgin Media	Telecoms Cables	<p>The Virgin Media telecoms cable (pink dash) is located at Panel Area E.</p> <p>There will be 2x 33kV crossings (blue and light blue) and 1x permanent access road crossing (brown). The PV boundary fencing to maintain a 24.4m easement centred on the pipeline.</p>	

Asset ID	Statutory undertaker (SU)	Asset/ Crossing Type	Description	Images
VF_001	Vodafone & Atkins	Telecoms Cables	<p>The Vodafone & Atkins telecoms cable (pink dash along red line boundary) is located at Panel Area D.</p> <p>Close to redline boundary so easements to be considered for placement of perimeter fencing.</p>	
Z_001	Zayo	Telecoms Cables	<p>The Zayo cable (pink dash) is located at Panel Area A.</p> <p>2x fencing (pink) and 1z access road (brown) will cross the Zayo asset. No PV modules will be built within the determined easement.</p>	
Z_002	Zayo	Telecoms Cables	<p>The Zayo cable (pink dash) is located at Panel Area C.</p> <p>3x cable crossings (blue and light blue), 3x fencing (pink) and 2x access roads will cross the Zayo cable. The Zayo cable will run adjacent to access roads and fencing, so minimum distances will be adhered to.</p>	