The Great Grid Upgrade

North Humber to High Marnham

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North Humber to High Marnham

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1. Purpose of the Statement of Common Ground

1.1.1 This draft Statement of Common Ground (SoCG) has been prepared by National Grid Electricity Transmission (National Grid / 'the Applicant') and Anglian Water Services (Anglian Water) regarding the proposed North Humber to High Marnham Development Consent Order (DCO) application ('the Application').

1.1.2 Section 4 sets out the matters 'agreed' between the Parties, for which no further issues have been raised. It also identifies matters that remain 'under discussion', where agreement has not yet been reached and further negotiations are required to establish an agreed approach.

1.1.3 This SoCG is structured as follows:

- Section 1: An introduction to this SoCG and a description of its purpose.
- Section 2: Gives a description of the project.
- Section 3: Summarises engagement between Parties to date.
- Section 4: Summarises the key matters and captures the status of each issue / matter.
- Section 5: Sets out matters not agreed between the Parties.
- Section 6: Sets out additional resources, such as an Interface Summary Schedule
- Section 7: Sets out the approvals and the signing off sheet between the Parties.

1.1.4 The aim of the SoCG is to clarify the shared understanding of any issues and facilitate an efficient resolution process. Any reference to 'the Parties' means the National Grid and Anglian Water.

1.1.5 This draft SoCG has been prepared at an early phase of the DCO process, ahead of submission. It is intended to be a live and working document which will be updated as the project progresses and shared with Anglian Water Services at key points for discussion. A final SoCG will be prepared ahead of the close of the DCO Examination. Unlike a final SoCG, this draft SoCG has not been officially signed by either party.

2. Project Description

2.1.1 The North Humber to High Marnham Project (the Project) is a new 400 kilovolt (kV) electricity transmission connection of approximately 90 kilometres (km) in overall length between two proposed new substations: the 400 kV Birkhill Wood Substation and 400 kV High Marnham Substation.

2.1.2 The proposed new substations are subject to separate planning applications. For more information, see **Application Document 5.4 Consents and Licences Required Under Other Legislation**.

2.1.3 The Project comprises:

- Approximately 90 km of new overhead line (Route Code 4AF) between the proposed new 400 kV Birkhill Wood Substation and 400 kV High Marnham Substation;
- Replacement and re-alignment of a section of the existing 400 kV overhead line (Route Code 4ZQ) between Brantingham and east of Broomfleet;
- Replacement and re-alignment of a section of the existing 400 kV overhead line (Route Code ZDA) between Ealand and west of Keadby;
- Line entry connections to a proposed new 400 kV Birkhill Wood Substation;
- Line entry connections to a proposed new 400 kV High Marnham Substation; and
- The Project would include other required works, for example, temporary diversions for works on existing overhead line routes, temporary access roads, highway works, temporary works compounds, work sites and ancillary works. The Project would also include utility diversions and drainage works. There would also be land required for environmental mitigation, offsetting, compensation and Biodiversity Net Gain (BNG).

2.1.4 A full description of the Project is provided in **Application Document 6.4 Environmental Statement Chapter 4 Description of the Project**.

3. Record of Engagement

3.1 Role of the Consultee in the process

3.1.1 Anglian Water Services (Anglian Water) supply water and water recycling services to around 7 million people covering 14 counties across the East of England and Hartlepool. Anglian Water Services Limited is the principal subsidiary of Anglian Water Group Limited. Anglian Water are a key stakeholder with assets located along the North Humber to High Marnham Overhead Line alignment. There are various locations along the alignment at which the proposed project interacts with Anglian Water assets, including pipelines which are oversailed by the proposed new 400kV Overhead Line. For the purposes of the Planning Act 2008 and related planning processes, Anglian Water is a statutory consultee.

3.1.2 A period of non-statutory consultation was held for eight weeks, between 1 June 2023 and 27 July 2023. Anglian Water submitted a response to this Consultation on 9 July 2023. Anglian Water did not submit a response to the Planning Inspectorate following the Applicant's request for a scoping opinion in August 2023.

3.1.3 A localised non-statutory consultation was held for four weeks, between 9 July 2024 and 6 August 2024. That consultation introduced a potential alternative corridor for routeing and sought the views of the public and relevant stakeholders, including Anglian Water. Anglian Water submitted a response to this consultation on 5 August 2024.

3.1.4 Statutory consultation was held for a period of eight weeks from 18 February 2025 to 15 April 2025. That consultation provided an opportunity to see how the proposals had developed; how previous feedback had been considered and sought the views of the public and stakeholders on the updated proposals. Anglian Water submitted a response to this consultation on 15 April 2025.

3.1.5 Anglian Water is the appointed water services undertaker for part of the route once it enters Bassetlaw district at Tindale Bank Road and then proceeds south to High Marnham. The other statutory undertakers for water supply and wastewater recycling are Severn Trent and Yorkshire Water which are the subject of separate Statements of Common Ground.

3.2 Summary of pre-application discussions

3.2.1 Table 3.1 provides an overview of the engagement that has taken place between National Grid and Anglian Water.

Table 3.1 – Summary of Engagement between National Grid and Anglian Water Services

Date	Format	Topic	Description
01/06/2023	Email/ Letter	**Non-statutory consultation**	Notification about the beginning of the non-statutory consultation period and inviting Anglian Water to provide feedback.
09/07/2023	Email	**Non-statutory consultation response**	Anglian Water submitted a response to the non-statutory consultation.
09/07/2023	Email	**Anglian Water Contacts**	Response to request for contact information
12/07/2023	Email / Letter	**Introduction to Early-Stage Proposals**	Introduction to the Project proposal
28/11/2023	Email	**Introduction**	Introduction to the Project including consultation corridor
26/06/2024	Meeting	**Stakeholder Update**	Meeting to give update on current project position / next steps
27/06/2024	Email	**Documentation**	Water Resources Assessment provided by Anglian Water to be developed as part of and to inform EIA
27/06/2024	Email	**Documentation**	Template Protective Provisions received for review by National Grid legal team
06/08/2024	Email / Letter	**Response to Non-Statutory Consultation**	Letter received via email in response to non-statutory consultation
06/02/2025	Email	**Meeting Request**	Request for meeting to discuss Interactions Schedule
12/02/2025	Email	**Interactions Schedule**	Latest Interactions Schedule issued to Anglian Water by National Grid
18/02/2025	Email / Letter	**Statutory consultation**	Notification about the beginning of the statutory consultation period and inviting Anglian Water to provide feedback.
15/04/2025	Email / Letter	**Response to Statutory Consultation**	Letter received via email in response to statutory consultation
15/04/2025	Email	**Documentation**	Non-domestic demand briefing received from Anglian Water
15/04/2025	Email	**Landowner Information**	Land identified as affected issued to National Grid by Anglian Water
01/05/2025	Email	**Documentation**	Shapefiles shared with Anglian Water

Date	Format	Topic	Description
20/05/2025	Email	**Pipeline Data**	Pipeline information requested by National Grid's Consultant to feed into an Electrical Interference Study
10/06/2025	Email	**Interactions Schedule**	Request by National Grid for discussion regarding interactions schedule
10/06/2025	Email	**Clash Detection / Technical Assurance**	Overview of engagement required given by Anglian Water and value for Purchase Order required
20/06/2025	Email	**Clash Detection / Technical Assurance**	Clarification requested by National Grid around clash detection, technical assurance and Electrical Interference Study
24/06/2025	Email	**Clash Detection / Technical Assurance**	Response from Anglian Water requesting area within order limits where pipelines are located for Electrical Interference Study
24/06/2025	Email	**Interactions Schedule**	National Grid advised Anglian Water to review the Interactions Schedule for location of affected pipelines
27/06/2025	Email	**Pipeline Data**	Anglian Water advised that team are reviewing pipeline data for c.25 interaction locations
27/06/2025	Email	**Interactions Schedule**	Interactions Schedule re-shared to Anglian Water
09/07/2025	Email	**Electrical Interference Study**	National Grid requested details of system layout and pipeline dimensions to feed into Electrical Interference Study
14/07/2025	Email	**Pipeline Data**	Update given on status of pipeline data request by Anglian Water
15/07/2025	Email	**Electrical Interference Study**	National Grid issued Asset Data Report in relation to Electrical Interference Study for Anglian Water review
22/07/2025	Email	**Clash Detection**	Email received from Anglian Water advised clash detection work commencing
08/08/2025	Meeting	**Kick-off Meeting**	Teams meeting held in relation to clash detection and assessment work required and next steps / timeline
12/08/2025	Email	**Interactions Schedule**	Interactions Schedule re-shared with Anglian Water
22/08/2025	Email	**Documentation**	Shapefiles issued to Anglian Water for IDF3

Date	Format	Topic	Description
28/08/2025	Email	**Meeting Request**	Meeting requested to discuss Interactions Schedule and next steps in clash detection / assessment
26/09/2025	Meeting	**Clash Detection Meeting**	Teams meeting held to discuss next steps in Clash Detection and Assessment process
26/09/2025	Email	**Interactions Schedule**	Interactions schedule for IDF3 issued to Anglian Water
17/10/2025	Email	**Documentation**	Guidance issued to Anglian Water in relation to working in proximity to National Grid assets
20/10/2025	Email	**Documentation**	Statutory Consultation response and template Protective Provisions re-issued by Anglian Water
24/10/2025	Email	**Clash Detection**	Initial clash detection spreadsheet received focusing on significant areas of concern
27/10/2025	Email	**Planting Guidance**	Planting guidance received from Anglian Water
04/11/2025	Email	**Technical Queries**	Further clarifications requested by Anglian Water around safety / stand-off distances and procedures for working in proximity to National Grid assets in an emergency
18/11/2025	Email	**Technical Queries**	Anglian Water requested technical specification and dimensions of proposed towers
18/11/2025	Email	**Technical Queries**	National Grid provided responses to previous technical queries in relation to technical specification
24/11/2025	Email	**Technical Queries**	National Grid issued response from Plant Protection team in relation to typical tower specifications, exclusion zones and working practices
02/12/2025	Email	**Clash Detection**	Clash detection spreadsheet information requested in shape file format by National Grid
02/12/2025	Email	**Pipeline Material**	Clarification on pipeline material abbreviations requested from Anglian Water by National Grid
02/12/2025	Email	**Pipeline Material**	Response received identifying material represented by abbreviations

Date	Format	Topic	Description
05/12/2025	Email	**Emergency Processes**	Further information requested by Anglian Water on process for working in proximity to National Grid assets in case of emergency
05/01/2026	Email	**Emergency Processes**	Responses issued to Anglian Water in relation to working and notification processes in an emergency
30/01/2026	Email	**Pipeline Data**	Shapefiles for Anglian Water pipelines received; update on clash assessment work given
06/02/2026	Email	**Clash Assessment**	Email chasing clash assessment outcome sent to Anglian Water by National Grid advising of final design freeze after which changes cannot be made
13/02/2026	Meeting	**Clash Assessment**	Meeting to discuss outcomes of initial clash mitigation assessment focusing on higher likelihood of requiring diversions
10/03/2026	Email	**Clash Assessment**	Queries issued to Anglian Water from National Grid regarding sewer pipeline datasets and issue of Shapefiles for the latest design (FDF4 (Rev A))
13/03/2026	Email	**Clash Assessment**	Clarification regarding sewer pipelines sent by Anglian Water and confirmation requested of further design freezes
16/03/2026	Email	**Clash Assessment**	Responses issued by National Grid on previous email sent by Anglian Water
06/05/2026	Email	**Meeting Request**	Meeting with Anglian Water requested by National Grid to discuss next steps of clash assessment and potential diversions
07/05/2026	Email	**Meeting Request**	Anglian Water requested more detail on required outcome of meeting and sent Clash Assessment Process flow chart
18/06/2026	Email	**CTD Report**	Anglian Water shared Latest CTD Report and request further payment to deliver outstanding scope
28/09/2026	Meeting	**Stakeholder Meeting**	The parties reviewed progress on the SoCG, clash assessment, design information, asset interactions, critical infrastructure constraints, easement and protection requirements, and the ongoing Protective Provisions discussions

4. Matters Agreed or Under Discussion

4.1 Overview

4.1.1 This section details the matters relevant to Anglian Water Services which have been agreed or are under discussion between the parties.

4.1.2 The red, amber, green status shows, at a glance, the level of agreement with Anglian Water Services, as seen in Table 4.1**Error! Reference source not found.**.

Table 4.1 – Agreement Status

Status	Description
Not Agreed	Indicates a final position, where it has not been possible to resolve the issue to the agreement of both parties and there remains a difference of opinion.
Under Discussion	Indicates where issues are the subject of active on-going discussion.
Agreed	Indicates where an issue has been agreed or resolved satisfactorily to the agreement of both parties.

Table 4.2 – Agreement Status Matters Agreed or Under Discussion in Relation to the Project

ID	**Matter**	**Agreed Position** (working towards)	**Anglian Water Services Position** (including actions to be taken by National Grid)	**Date** (last discussed / date agreed)	**Status**
AW-01	Overarching Position	The Parties acknowledge that the majority of identified interactions relate to overhead line oversail and temporary works (access routes, bellmouths, haul roads, scaffold and stringing areas, utility crossings) as well as planting proposals and Biodiversity Net Gain (BNG) areas. Based on the information available to date, neither Party anticipates significant impacts on Anglian Water assets provided that agreed protection measures, crossing requirements and safe construction methodologies are implemented.	*Anglian Water to provide update on their overarching position.* Anglian Water have raised concerns regarding: • Emergency access requirements, including fire risk. • Future repairs and maintenance. • Operation of chambers/values beneath overhead lines. • Rapid restoration of customer supplies following asset failure and performance obligations • Waterspout. • Cable isotherms. • Jetting beneath overhead lines. • AC interference.	28/09/2026	Under Discussion
AW-02	Continued Asset Identification	The Parties agree that Anglian Water will provide all available asset information to support National Grid's ongoing design development and assessment of potential interactions. Meanwhile, National Grid will continue utility surveys and detailed design development to verify Anglian Water asset locations.	Anglian Water agrees.	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
AW-03	Asset Interaction Schedule	National Grid prepared and shared a schedule of all identified interactions between the Project and Anglian Water assets on 26 September 2025 (latest version), including overhead line crossings, access routes, utility diversions, planting areas and temporary construction works.	Anglian Water reviewed the interaction schedule and identified locations requiring further discussion or additional mitigation measures in the subsequent Clash Assessment. An updated summary schedule of the Interaction Schedule / Clash Assessment is provided at 6.1 of this SoCG.	28/09/2026	Under Discussion
AW-04	Final Design Freeze 4 (FDF4)	National Grid has provided Anglian Water with updated design information (FDF4) via email on 10 March 2026. National Grid is of the view, that the updated design data is not materially different from the previous revision (FDF3), from Anglian Water's perspective, as it is not expected to materially impact the conclusions of the Clash Assessment.	Discussions are ongoing on this matter.	28/09/2026	Under Discussion
AW-05	Water Supply	The Parties will continue to engage to identify and agree the requirements for temporary and permanent potable and foul water supplies associated with the Project. This will include consideration of water supply needs for main construction compounds, satellite compounds and substations. The Parties will also identify suitable connection points, as well as pipeline routes and network capacity issues to facilitate those supplies.	National Grid request Anglian Water to provide details identifying proposed potable and foul connection locations, sewer depth, hydraulic capacity and available gradients to assist with National Grid developing an engineering solution in this respect.	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
AW-06	Clash Assessment	The Parties will hold a meeting to discuss and review the Clash Assessment provided by Anglian Water, which has suggested the basis for any required mitigation for Anglian Water assets. The limitations of the Assessment are noted. National Grid's current design assumption is that Anglian Water asset diversions will be avoided wherever reasonably practicable. Any requirement for diversion will be justified through ongoing engagement and technical assessment.	Anglian Water note that the Clash Assessment is limited to identifying potential conflicts and does not include reassessment of updated project designs based on later iterations, detailed asset-specific mitigation design or cost estimates, or specialist studies such as electrical interference, cable heating effects, groundwater impacts, or new temporary/permanent utility connections. These items would require separate assessment and may necessitate additional scope, programme, and funding. National Grid to provide further feedback on the Clash Assessment.	28/09/2026	Under Discussion
AW-07	Interaction at 4AF199–4AF200	National Grid requests clarification regarding Anglian Water's concerns associated with the 21-inch asbestos cement water main and any specific mitigation requirements sought.	Anglian Water to provide further detail regarding concerns, asset criticality and preferred mitigation measures.	28/09/2026	Under Discussion
AW-08	Anglian Water Operational Sites	National Grid will undertake further review of Anglian Water operational sites/land (Sturton Le Steeple Water Booster site & High Marnham Water Booster site) which interface with the Project. Anglian Water have requested details of any planting proposals at the Sturton le Steeple Water Booster Site; National Grid will provide these details once available.	Anglian Water confirm any specific concerns/mitigations to review internally.	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
AW-09	Minimum Easements, including for DNO undergrounding	National Grid has reviewed Anglian Water's Statutory Consultation response with respect to the minimum easements required for the undergrounding of Distribution Network Operators (DNO) assets. National Grid will continue discussions with Anglian Water regarding utility diversions and crossing arrangements where proposed cables cross or run in proximity to Anglian Water assets.	Anglian Water request that the following stand-off distances are applied for working each side of the mainline of pipes where construction works are undertaken, including where cabling is underground, CSE compounds and where pylons are constructed: (a) 4 metres where the diameter of the pipe is less than 250 millimetres; (b) 5 metres where the diameter of the pipe is between 250 and 400 millimetres; and (c) a distance to be agreed on a case-by-case basis and before the submission of the Plan under paragraph (1) is submitted where the diameter of the pipe exceeds 400 millimetres. Anglian Water to confirm whether the Project satisfies the requirements set out within its Statutory Consultation response. Anglian Water have requested confirmation of the proposed horizontal and vertical separations between the project's 11kV and BT cables and nearby Anglian Water assets. In respect to the undergrounding of assets, Anglian Water have also raised concerns regarding: • Heat generation	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
			• Cable isotherms • Potential impacts on water and wastewater infrastructure.		
AW-10	Overhead Line Oversail	National Grid confirms that Overhead Line oversail of Anglian Water assets, in isolation, is not anticipated to result in direct impacts on operational water infrastructure.	Anglian Water has advised that assets oversailed by overhead lines may create operational challenges relating to routine maintenance, chamber operation, emergency repairs and rapid restoration of supplies following asset failure. The Parties will continue discussions regarding any mitigation measures required to maintain operational resilience. A summary schedule of the Clash Assessment is provided at 6.1 of this SoCG.	28/09/2026	Under Discussion
AW-11	Temporary and Permanent Access Crossings	National Grid has designed temporary and permanent access routes to avoid impacts on Anglian Water assets wherever possible and will implement agreed protection measures where required.	Anglian Water to confirm any site-specific asset protection requirements.	28/09/2026	Under Discussion
AW-12	Bellmouth Construction	National Grid will continue to engage with Anglian Water where bellmouth construction overlaps or is located adjacent to operational assets. Asset protection measures will be agreed where required.	Anglian Water to identify any locations requiring enhanced protection measures or revised construction methodology.	28/09/2026	Under Discussion
AW-13	Haul Roads and Construction	National Grid will assess loading impacts where haul roads cross Anglian Water assets and implement protection measures	The Applicant will undertake ground loading assessments where the Haul Road is required to cross Anglian Water assets.	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
	Traffic Loading	where necessary. There are four key interactions: • Anglian Water pipeline crossed twice by haul road to the west of 4AF199. • Two Anglian Water pipelines (one abandoned) crossed by haul road and are close to the working area of 4AF221. • Two Anglian Water pipelines crossed by haul road through the field in span 4AF225 – 4AF226. • Anglian Water (abandoned) pipeline crossed by haul road in span 4AF238 – 4AF240.	The assessments will demonstrate that the imposed loading remains within acceptable limits and, where necessary, appropriate mitigation measures such as ground protection mats, temporary bridging arrangements or other controls will be implemented where possible. Anglian Water to confirm whether any additional protection requirements are necessary.		
AW-14	Culvert Installations	National Grid will continue engagement with Anglian Water regarding proposed culvert installations located in proximity to Anglian Water assets and will agree appropriate protection requirements during detailed design.	Anglian Water to provide any specific design requirements and protection measures.	28/09/2026	Under Discussion
AW-15	Scaffold Protection and Stringing Areas	National Grid confirms that scaffold and stringing operations will, where practicable, avoid direct excavation over Anglian Water assets and will utilise agreed construction methodologies.	Anglian Water has not identified any specific concerns at this stage.	28/09/2026	Under Discussion
AW-16	Protective Provisions	National Grid and Anglian Water will continue discussions regarding the need for and content of Protective Provisions to address asset protection, approvals,	Anglian Water to review the draft Protective Provisions issued on 8 September 2026 and provide feedback.	28/09/2026	Under Discussion

ID	Matter	**Agreed Position** (working towards)	**Anglian Water Services Position** (including actions to be taken by National Grid)	**Date** (last discussed / date agreed)	**Status**
		notifications, liabilities, access requirements and construction controls (not exhaustive).			
AW-17	Planting and BNG Areas	National Grid will review planting and BNG proposals which interface with Anglian Water assets, easements or operational access and will continue to engage in respect to any interfaced identified.	Anglian Water advised there are restrictions on planting near pipelines to maintain future access and is preparing guidance on acceptable planting near assets Anglian Water to confirm any restrictions applicable to planting within easements or adjacent to operational assets.	28/09/2026	Under Discussion
AW-18	Water Resources Assessment	National Grid will continue engagement with Anglian Water regarding Water Resources Assessment commitments raised during Statutory Consultation. National Grid will provide a Water Resource Assessment as part of the DCO submission. See **Application Document 6.11.A2 Environmental Statement Appendix 11.2 Water Resources Assessment**	Anglian Water to confirm if any additional information or mitigation measures are required and will reserve judgement until receipt and review of the Water Resource Assessment.	28/09/2026	Under Discussion
AW-19	Future Anglian Water Projects	National Grid will engage with Anglian Water to identify any known future infrastructure projects that may interact with the Project.	Anglian Water identified potential interactions with future AMP8 Interconnector schemes. Anglian Water to continue to provide information regarding known future projects where available.	28/09/2026	Under Discussion
AW-20	Electrical Interference Study &	An electrical study is required to understand implications and potential mitigations for the pipelines impacted by the Project. National	At this stage, Anglian Water confirm there are no sewer pipelines within 3km of the project, but there are potable pipelines.	28/09/2026	Under Discussion

ID	Matter	**Agreed Position** (working towards)	**Anglian Water Services Position** (including actions to be taken by National Grid)	**Date** (last discussed / date agreed)	**Status**
	Induced Voltages	Grid has commissioned this study. The Parties are working towards agreement that: • the potential electrical interference effects arising from the Project on Anglian Water pipeline assets will be appropriately assessed through the Electrical Interference Study; • Anglian Water will continue to provide available pipeline asset information required to support the assessment and design process; • National Grid will share the outcomes of the electrical interference study with Anglian Water and discuss the findings; • the assessment will consider appropriate safe limits for induced voltage and other electrical interference effects.	Anglian Water to confirm whether cathodically protected assets are present within the Order Limits The Parties remain in discussions as the Study is progressed.		
AW- 21	Future Operational Access Rights	The Parties acknowledge that Anglian Water will require access to its assets for future operation, maintenance, repair and replacement activities. Discussions around these principles are on-going.	Anglian Water to confirm any long-term operational access requirements.	28/09/2026	Under Discussion
AW-22	Cornley Road and Other Highway Widening Proposals	National Grid will continue discussions with Anglian Water around the information request for highway widening works on Cornley Road.	Anglian Water have requested details of the proposed highway widening works on Cornley Road.	28/09/2026	Under Discussion

ID	Matter	Agreed Position (working towards)	Anglian Water Services Position (including actions to be taken by National Grid)	Date (last discussed / date agreed)	Status
AW-23	Vibration Impacts	National Grid will continue discussions with Anglian Water on vibration impacts.	Anglian Water has advised that older pipelines may be susceptible to vibration and loading impacts arising from construction activities. Protection requirements will be informed by pipe depth, material, pressure and asset criticality and may require bespoke mitigation measures.	28/09/2026	Under Discussion

5. Matters Not Agreed

5.1 Overview

5.1.1 This section details the matters relevant to Anglian Water which have not been agreed between the parties.

5.2 The Clash Assessment

5.2.1 Anglian Water reviewed the Interaction Schedule provided by National Grid and identified locations requiring further discussion or additional mitigation measures in their subsequent Clash Assessment. A summary schedule of the Clash Assessment is provided at 6.1 of this SoCG. Anglian Water identified in the Clash Assessment a number of assets requiring diversion or relay, before the Project is commenced.

6. Resources

6.1 Asset Interactions Schedule

6.1.1 The table below contains a summary of the main interactions of the Parties assets, derived from Anglian Water's Clash Assessment.

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
1.	4AF171–4AF172	River Idle southern crossing protection works in proximity to Anglian Water pipeline; additional trackway may be required; negligible impact anticipated.	Anglian Water TBC		No further assessment required.	
2.	4AF176–4AF177	Overhead Line oversail; bellmouth construction; new culvert; scaffold protection during stringing; 11kV UGC works in proximity.	Anglian Water TBC		No further assessment required.	
3.	4AF186–4AF187	Overhead Line oversail; permanent access and mitigation access crossing asset; scaffold structures; stringing area; 11kV UGC works; PRoW diversion;	AG0006 – Walkeringham Road	6inch GI potable water main	High risk of diversion	

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
		temporary earthing works; planting interactions.				
4.	**4AF191–4AF192**	Overhead Line oversail; bellmouths north and south of A631; new culvert; scaffold protection; compound connection UGCs; Overhead Line undergrounding works; multiple cable crossings and UGC buffer interactions.	Anglian Water TBC		No further assessment required.	
5.	**4AF199–4AF200**	Overhead Line oversail; stone haul road crossing; new culvert; stringing area; O&M access crossing; DNO mitigation area crossing.	AG0010 – Wheatley Wood Farm	21-inch asbestos cement potable water main	High risk of diversion	
6.	**4AF201–4AF202**	Overhead Line oversail; bellmouth interaction; scaffold structures; permanent access crossing; third-party access associated with Overhead Line undergrounding works.	AG0012 – Gainsborough Road	225mm HPPE/PE100 water main Potable	High risk of diversion	
7.	**4AF204–4AF205**	Mitigation planting area over Anglian Water asset.	Anglian Water TBC		No further assessment required.	
8.	**4AF207–4AF208**	Asset adjacent to bellmouth on Gainsborough Road;	Anglian Water TBC		No further assessment required.	

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
		permanent access crossing; no significant physical impacts anticipated.				
9.	**4AF210–4AF211**	Permanent access; mitigation planting area; potential bellmouth interaction; revised 11kV cable diversion route; limits of deviation over Anglian Water land; irrigation/planting constraints associated with Overhead Line.	Anglian Water TBC		No further assessment required.	
10.	**4AF211–4AF212**	11kV Overhead Line undergrounding requiring UGC crossing; limits of deviation encroach onto Anglian Water assets; permanent access crossing.	AG0019 – Station Road	300mm DI water main Potable	High risk of diversion	
11.	**4AF213–4AF214**	Permanent access crossing Anglian Water assets; no physical works anticipated.	Anglian Water TBC		No further assessment required.	
12.	**4AF217–4AF218**	Permanent access crossing Anglian Water assets; no physical works anticipated.	Anglian Water TBC		No further assessment required.	

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
13.	4AF221–4AF222	Overhead Line oversail; stone haul road crossing; permanent access crossing; mitigation access crossing.	AG0021 – Caddow Wood Farm	300mm DI water main Potable	Medium risk of diversion	
14.	4AF222–4AF223	Overhead Line oversail; bellmouth construction; new culvert; scaffold protection; 11kV UGC crossing; permanent access crossing.	AG0023 – Retford Road	6in CI water main Potable	Medium risk of diversion	
15.	4AF225–4AF226	Overhead Line oversail; stone haul road crossing; permanent access crossing.	AG0024 – Meetinghouse Lane	15” SI water main	Medium risk of diversion	
16.	4AF228–4AF229	Overhead Line oversail; bellmouth construction; new culvert; scaffold structures; 11kV NGED undergrounding works; UGC crossings; BNG mitigation area; BNG access; third-party access interactions.	AG0027 – Forewood Lane	8in PVCu water main Potable	Medium risk of diversion	
17.	4AF232–4AF233	Overhead Line oversail; bellmouth construction; scaffold protection; permanent access crossing.	Anglian Water TBC		No further assessment required.	

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
18.	4AF238–4AF239	Overhead Line oversail; stone haul road crossing; permanent access crossing.	Anglian Water TBC		No further assessment required.	
19.	4AF239	11kV pole relocation works; access interaction; permanent O&M access; third-party access.	Anglian Water TBC		No further assessment required.	
20.	4AF243–4AF244	Overhead Line oversail; bellmouth construction; new culvert; scaffold protection; 11kV diversion crossing; permanent access crossing; mitigation access interaction.	Anglian Water TBC		No further assessment required.	
21.	4AF247–4AF248	Overhead Line oversail; bellmouth on A57; scaffold protection; permanent access crossing; access required for 11kV diversion works.	AG0034 – Broad gate	21” GI water main	Medium risk of diversion	
22.	4AF249–4AF250	Permanent O&M access crossing abandoned Anglian Water asset; negligible impact anticipated.	Anglian Water TBC		No further assessment required.	
23.	4AF253–4AF254	Permanent O&M access and third-party access crossing abandoned Anglian Water asset; no impact anticipated.	Anglian Water TBC		No further assessment required.	

No.	Span / Location	Key Interfaces Identified	Anglian Water Clash Reference High Risk of Diversion Med Risk of Diversion	Asset Type	Anglian Water Clash Assessment	National Grid Position
24.	**4AF256–4AF257**	Overhead Line oversail; bellmouth construction; scaffold protection; multiple 11kV and LV cable diversions; new substation; BT Overhead Line undergrounding; permanent access crossing; UGC buffer interactions; potential scaffold access crossing.	AG0039 – Fledborough Road	180mm MDPE/PE80 water main Potable	High risk of diversion	
			AG0038 Fledborough Road	180mm MDPE/PE80 water main		
Operational Sites & Highway Widening						
25.	**Anglian Water Land High Marnham Water booster**		Anglian Water TBC		Further assessment required	
26.	**Sturton Le Steeple Water booster & Anglian Water land**		Anglian Water TBC		Further assessment required	
27.	**Misterton/Cornley Road Highway Widening**		AG0002 – Cornley Road	125mm MDPE/PE80 water main Potable	Medium risk of diversion	

6.2 Definitions

6.2.1 The table below contains a summary of the main project components and a short description of the works, as identified throughout this SoCG.

Definitions
Overhead Line Oversail The proposed 400kV overhead line passes above an Anglian Water asset. Typically a low-risk interaction, with any impacts generally arising from associated construction activities rather than the line itself.
Bellmouth Temporary or permanent creation of a highway access point to accommodate construction traffic.
Culvert Installation Construction of a culvert to allow traffic to cross a ditch, drain or watercourse.
Stone Haul Road Temporary construction road used by HGVs and plant to access working areas.
Permanent Access / O&M Access Permanent access routes required for operation and maintenance of the overhead line.
Third-Party Access Access required by other utility providers or landowners, often associated with utility diversions or maintenance activities.
Scaffold Protection Temporary scaffold structures installed to protect roads, utilities or infrastructure during conductor stringing operations.
Stringing Area Temporary working area used for pulling and tensioning conductors during overhead line installation.
Telecoms Undergrounding Undergrounding of existing telecommunications infrastructure (e.g. BT overhead lines).
Substation Works Construction of a new electricity substation and associated cable connections.

Definitions
Utility Undergrounding Removal of an existing overhead line and replacement with underground cables.
Mitigation Planting Landscape, ecological or screening planting proposed within proximity of Anglian Water assets. Requires consideration of easements, root growth and future maintenance access.
BNG (Biodiversity Net Gain) Mitigation Habitat creation or enhancement areas proposed to deliver Biodiversity Net Gain requirements.
PRoW Diversion Temporary or permanent diversion of a Public Right of Way.
River/Watercourse Crossing Protection Works Temporary works associated with crossing rivers or watercourses, such as trackway installation or bank protection.
Asset Protection Required Specific measures to safeguard an Anglian Water asset during construction, such as protective slabs, trackway, exclusion zones or agreed construction methodologies.

7. Confirmation of Agreement

The above SoCG is agreed between National Grid and Anglian Water Services on the date specified below.

Signed for and on behalf of National Grid:

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Date:

……

Signed for and on behalf of Anglian Water Services:

……

Date:

……

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