



Calon Energy

WILLINGTON C GAS PIPELINE - DCO REQUIREMENTS

Requirement 3 - Stages of Authorised
Development



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Requirement 3 - Stages of Authorised Development

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1 INTRODUCTION

1.1 INTRODUCTION TO REQUIREMENT 3

- 1.1.1. This document has been prepared to discharge Requirement 3 (Stages of authorised development) of The Willington C Gas Pipeline Development Consent Order (DCO) 2014.
- 1.1.2. Requirement 3 of the DCO states:
- “No authorised development must commence until a written scheme setting out all the relevant stages of the authorised development has been submitted to and approved, in writing, by the relevant planning authority”*
- 1.1.3. This document is the required written scheme and will set out the relevant stages of the authorised development.

1.2 OVERVIEW OF THE DCO

- 1.2.1. The Willington C Gas Pipeline Order was made by the Secretary of State for Energy and Climate Change on 16 December 2014 and came into force on 7 January 2015. If the authorised development does not commence, the Order will expire on 7 January 2020.
- 1.2.2. The DCO grants consent for the construction, and operation of a 27 km long (approx.) buried gas pipeline running from a new connection with the National Gas Transmission System near Yoxall, Staffordshire to the Willington C Power Station site at Willington, Derbyshire. On completion the Pipeline will supply gas to the Willington C Power Station.
- 1.2.3. The authorised development also includes the following permanent works:
- An Above Ground Installation (AGI) at Yoxall which would contain controls, valves, instruments and pipeline access facilities within a landscaped, secured compound.
 - Permanent access to the Yoxall AGI.
 - A Block Valve, and associated equipment, within the Willington Power Station site. Please note the Willington Block Valve is now known as the Willington AGI.
- 1.2.4. Associated works, to be in place during the construction period, have also been granted consent including:
- Temporary construction compounds at Yoxall, Carriers Road and Willington Power Station.
 - Temporary access roads / works.
 - A temporary anglers car park
 - Temporary bridges / culverts

1.3 PRE-APPLICATION CONSULTATION AND SUBMISSION

- 1.3.1. This document has been submitted for approval to South Derbyshire District Council (SDDC).
- 1.3.2. A copy of this document has been provided to East Staffordshire Borough Council (ESBC) for reference.
- 1.3.3. Calon Energy have undertaken pre-application meetings with ESBC and SDDC. At these meetings the approach to the Discharge of Requirements generally, and the Discharge of Requirement 3 in particular, were discussed and agreed.

2 WRITTEN SCHEME OF STAGES

- 2.1.1. The authorised development has been split into 8 stages, as set out in Tables 2.1 and 2.2 below.
- 2.1.2. The proposed Written Scheme of Stages covers Stage 1 (Early Enabling Works) and Stage 1b (Resubmission of Written Scheme of Stages). A draft Written Scheme of Stages is provided for Stages 2-7 for information purposes only.
- 2.1.3. The main purpose of this submitted written scheme is to enable the commencement of Stage 1 (Early Enabling Works), allowing construction of the authorised development to begin. This will ensure the existing consent, which is due to expire on the 7 January 2020, remains extant while background preparatory work for the construction of the remainder of the pipeline and the related, separately consented gas fired power station continue.

Table 2-1 – Written Scheme of Stages

Stage	Description	Date
Stage 1 – Early Enabling Works at Willington AGI	The construction of five concrete foundation bases for the AGI at Willington along with the erection of new fencing and installation of pipework to connect to the existing drainage network. A detailed overview of the early enabling works proposed is set out in Section 3 below.	On site between November 2019 and January 2020.
Stage 1b – Resubmission of Written Scheme of Stages	Prior to the commencement of further works, an update Written Scheme setting out in detail the works associated with remaining stages	Mid/late 2020.

- 2.1.4. The table below provides a draft Written Scheme of Stages for the remainder of the authorised development. The written scheme is indicative at this stage as there is still uncertainty over exactly when the gas pipeline will be required. A detailed, updated version of the below table will be submitted prior to the commencement of future construction works (Stage 1b).

Table 2-2 – Draft Written Scheme of Stages

Stage	Description	Date
Stage 2 – Preparatory works	Environmental and archaeological mitigation works	April 2020
	Construction of temporary access works.	July 2020
	Setting up of temporary works compounds.	July 2020
	Erection of temporary structures required during construction period.	July 2020
	Construction of temporary car park for anglers.	September 2020
Stage 3 – NTS Spur Pipeline	Construction of 120 m of high pressure gas pipeline between national transmission system (NTS) pipeline and start of Yoxall to Willington pipeline	March 2021
Stage 4 – Yoxall to Willington Pipe Section	Construction of high pressure gas pipeline between Yoxall and Willington.	March 2021
Stage 5 – Yoxall AGI and associated permanent access works	Construction of Yoxall Above Ground Installation, to include two secure compounds with equipment for the monitoring and control of gas.	March 2021
	Construction of new access from A515.	March 2021
	Diversion of Footpath 59.	March 2021
	Implementation of Landscape Mitigation.	March 2022
Stage 6 – Completion of Works at Willington AGI	Completion of works begun at Stage 1.	March 2020
	Installation of valve and all relevant associated equipment	March 2021
Stage 7 – Reinstatement	Removal of temporary works compounds, temporary structures temporary access, temporary anglers car park and reinstatement of all land.	March 2022

2.1.5. Details of the Requirements requiring discharge for each stage of work will also be set out in any future Written Scheme of Stages submission.

3 DETAILED OVERVIEW OF STAGE 1

- 3.1.1. Stage 1 is for permanent Early Enabling Works for the Willington AGI (Works No. 4 in the made DCO). The site for the Willington AGI is located within the Willington C Power Station Site, which is situated to the east of Willington, Derbyshire. The Willington Pipeline AGI General Arrangement Layout rev 02 (Drawing No: UKP/WLC/1001/AP1) shows the location (green rectangle) of the Stage 1 works.
- 3.1.2. Stage 1 works will commence in November 2019 and will be completed by January 2020.

3.2 DESCRIPTION OF STAGE 1 WORKS

STAGE 1 - TEMPORARY WORKS

- 3.2.1. It is not anticipated that, beyond temporary fencing and temporary lighting, significant temporary works will be required to support the Stage 1 early enabling works. Temporary fencing and temporary lighting will be required to support construction works.
- 3.2.2. Temporary Works Compound: The DCO includes consent for a Temporary Works Compound at Willington Power Station (Works No.9). At this stage, it is not considered that it will be necessary to make use of a Temporary Works Compound. The power station site remains vacant, with no works on the consented power station planned while Stage 1 works are underway. Consequently, existing laydown/storage areas and welfare facilities can be utilised.
- 3.2.3. Temporary fencing / other means of enclosure: The Power Station Site is securely fenced and enclosed, however to support the implementation of Stage 1 works, it will be necessary to install additional temporary fencing / other means of enclosure. Full details of the temporary fencing / means of enclosure required will be submitted to SDDC to discharge Requirement 9.
- 3.2.4. Temporary Lighting: Temporary lighting will be required to support the implementation of Stage 1 works. Full details of the temporary lighting required will be submitted to SDDC to discharge Requirement 16.
- 3.2.5. Access: No access works are required to support the implementation of Stage 1 works. The existing power station access will be utilised.

STAGE 1 - PERMANENT WORKS

- 3.2.6. The Early Enabling Works for the Willington AGI will involve the following:
- Clearing and levelling AGI area measuring approximately 70m x 40m;
 - Excavation to allow installation and construction of a permanent steel fence with gated access for vehicles and pedestrians measuring approximately 220 m x 2.4 m;
 - Excavation to prepare the construction of an AGI maintenance road within the fence line of the AGI, approximately 50m x 4m;
 - Excavation and installation of approximately 70 m of pipework to connect into the existing drainage network from AGI and;
 - Construction of five concrete foundation bases to the approximate dimensions as follows:
 - 8 m x 9 m Filter Unit Skid concrete foundation base;
 - 12 m x 5.5 m Metering Skid concrete foundation base;
 - 4 m x 3 m Instrumentation Kiosk concrete foundation base;

- 15 m x 3 m Pig Trap concrete foundation base and;
- 3.5 m x 3 m piping concrete foundation base.

3.2.7. The drawing Willington Pipeline AGI General Arrangement Layout rev 02 shows the location and extent of the early enabling works.

3.3 REQUIREMENTS FOR STAGE 1 WORKS

3.3.1. Table 1 below identifies the Requirements that, in addition to Requirement 3, will be discharged before the commencement of Stage 1 works. The table also identifies any works that will be undertaken to support the discharge of these conditions.

Table 3-1 – Additional Requirements Relevant to Stage 1

Requirement	Submission of / Works required	Planning Authority
Requirement 7 – Construction traffic and highway access	Written plan setting out details of: • Construction traffic and highway access arrangements • Route designated for construction delivery vehicles, include details of signing of these routes.	SDDC Consultation required, prior to submission, with Local Highways Authority
Requirement 10 – Surface Water Drainage and Water Discharge	Details of surface water drainage system (including means of pollution control) for permanent works.	SDDC Consultation required, prior to submission, with Environment Agency
Requirement 11 – Contaminated land and ground water	Written scheme to deal with the contamination of any land (including groundwater) within the works limits.	SDDC Consultation required, prior to submission, with Environment Agency
Requirement 12 – Soil handling and restoration	Written scheme to deal with the management of soil within the works limits.	SDDC
Requirement 13 – Agricultural land drainage	Written scheme to deal with agricultural land drainage within the works limits	SDDC
Requirement 14 - Archaeology	Written scheme of investigation (WSI) of areas of archaeological interest/	SDDC Consultation with County Archaeologist and Historic England
Requirement 15 – Ecological Management Plan	Written Ecological Management Plan reflecting the survey results and ecological mitigation /	SDDC

	enhancement measures in the Environment Statement.	
Requirement 17 – Control of noise during construction and maintenance	Written scheme, based on assessment and mitigation proposals contained in the Environment Statement.	SDDC
Requirement 19 – Control of dust emissions (whole scheme)	Written scheme for the management and mitigation of dust emissions across the whole scheme Provision of details for Early Enabling Works only. Further dust control details to be provided prior to commencement of full construction programme.	ESBC SDDC
Requirement 20 – European Protected Species	Scheme of protection and mitigation measures in compliance with all relevant licensing requirements for licensable activities in respect of European protected species.	SDDC

4 CONCLUSION

- 4.1.1. This document has been prepared to support the discharge Requirement 3 of the Willington C Gas Pipeline Order. The document sets out, in Section 2, the required Written Scheme of Stages of the Authorised Development. Further detail on the construction of Stage 1 works is provided in Section 3, allowing with a summary of the other Requirements to be discharged.
- 4.1.2. The Written Scheme of Stages covers Stage 1 (Early Enabling Works) and Stage 1b (Resubmission of Written Scheme of Stages) only. The main purpose of the submitted Written Scheme is to enable the commencement of Early Enabling Works before the existing consent expires on 7 January 2020.
- 4.1.3. A draft Written Scheme of Stages is provided for Stages 2-7. The written scheme is indicative at this stage as there is still uncertainty over exactly when the gas pipeline will be required and the construction timetable. The draft Scheme of Stages will be updated and formally submitted before the commencement of any additional stages of work.
- 4.1.4. In conclusion, this document meets the stipulations of Requirement 3 set out in the Willington C Gas Pipeline Order. Therefore, it is requested that this Requirement is duly discharged.



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