

Winter Maintenance Plan Final Version

October 2023 – September 2025

30th September 2023

Issue: 1.0

Version: Final

Contents

1. Introduction	3
2. NTS Maintenance Work Monthly Summary	4
2.1 Planned In-Line Inspections	4
2.2 Pipeline Work	6
2.3 NTS Compressor Stations	11
3. Maintenance Affected Exit Points	12
Outages	12
Minor Works Agreement	12
General Queries	13

1. Introduction

Each year National Gas Transmission undertakes a variety of maintenance and investment activities on the gas National Transmission System (NTS). This work can take many different forms, including keeping our assets in good working order, replacing ageing assets with new equipment, inspecting assets and facilitating new connections and capacity requirements.

This maintenance programme is intended to provide an indication to the gas industry of the impact of these works on the NTS, and any associated impact on entry or exit capacity from October 2023 to September 2025. This programme supersedes all previous plans.

This document provides an overview of all work scheduled at NTS compressor stations and NTS pipelines.

Although every effort is made to align work to any customer or associated asset outages which we have been made aware of, this is not always possible and where NTS Exit Points are affected, we will endeavour to issue Maintenance Day notices to our customers by 1st February and any revisions at least 42 days in advance of the scheduled Maintenance work.

This document only includes maintenance activities on the NTS which are to be undertaken by National Gas Transmission NTS. It does not include maintenance carried out upstream of the NTS by Delivery Facility Operators (DFOs) and Producers or downstream of the NTS by the Distribution Networks and other NTS connected parties.

2. NTS Maintenance Work Monthly Summary

The following tables provide a summary of the NTS in line inspection work, other NTS pipeline work and NTS compressor outages. The month where the work is scheduled to take place has been highlighted in the tables. If it is the case that any work listed below has an effect on the flow of gas, affected sites and associated shippers will be contacted individually. The tables indicate which month the work takes place in, not that the work will take the whole of the month.

2.1 Planned In-Line Inspections

National Gas Transmission is required to carry out in-line inspections of our pipelines periodically in order to monitor and maintain their integrity, ensuring that they comply with the Pressure Systems Safety Regulations (PSSR). The in-line inspection process requires a number of Pipeline Inspection Gauges (PIGs) to travel through the pipeline in order to complete a full inspection. The number of “runs”, and the associated time taken for the work, can vary from pipeline to pipeline.

= Confirmed period = Provisional period

Area	In Line Inspections	2023			2024				2025				
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
SW	Feeder 7 Chalgrove to Didcot												
SC	Feeder 10 Bathgate to Penicuik												
EA	Feeder 8 Theddlethorpe to Hatton												
NT	Feeder 3 Whitwell to Peters Green												
SO	Feeder 7 Mappowder to Ilchester												
SW	Feeder 20 Ilchester to Kenn												
SC	Feeder 10 Penicuik to Boon												
NO	Feeder 10 Coldstream to Thrunton												
NO	Feeder 10 Thrunton to Saltwick												
SE	Feeder 5 Isle of Grain to Medway PS												
EM	Feeder 7 Eastoft to Keadby												
EA	Feeder 18 St Neots to Little Barford												

Area	In Line Inspections	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
NW	Feeder 21 Elworth to Mickle Trafford												
EA	Feeder 4 Roudham Heath to Great Wilbraham												
NO	Feeder 6 Teesside to Cowpen Bewley												
SC	Feeder 12 Bathgate to Longtown												
NE	Feeder 29 Easington to Asselby												
WA	Feeder 28 Felindre to Three Cocks												
SC	Feeder 12 Kirriemuir to Bathgate												
SC	Feeder 11 Bathgate to Longtown												
NW	Feeder 4 Shocklach to Weston Point												

2.2 Pipeline Work

Pipeline work listed in this table below can include diversions of existing pipelines, facilitation of connections to the NTS, and replacement or maintenance of pipeline and associated assets (pipes, valves, pig traps etc.) which require some form of pressure restriction or isolation. Some work can be performed by restricting the pressure of gas in the pipeline; however some work requires a full shut down (often termed “isolation” or “outage”) of a section of the pipeline which would then be reinstated back to operational pressures once the work is completed. The 2024/25 and 2025/26 pipeline works are yet to be fully planned.

= Pressure Restriction = Pipeline Shutdown = Provisional period

Area	Pipeline	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
EA	Feeder 3 Whitwell to Royston												
NO	Feeder 10 Thrunton to Saltwick												
NE	Feeder 7 Pannal to Towton												
SC	Feeder 10 Kirriemuir to Bathgate												
WM	Feeder 14 Austrey to Shustoke												
WM	Feeder 4 Audley to Nantwich												
SC	Feeder 12 Bathgate to Pettinain												
SC	Feeder 12 Nether Howcleugh to Langholm												
NO	Feeder 12 Longtown												
NO	Feeder 11 Wetheral to Melkinthorpe												
SO	Feeder 7 Slapton to Hardwick												
NW	Feeder 11 Samlesbury to Blackrod												
SC	Feeder 10 Stuartfield to Aberdeen												
NW	Feeder 4 Partington to Holmes Chapel												
NO	Feeder 11 Melkinthorpe to Lupton												
EA	Kings Lynn Compressor Tee to Bacton												

Area	Pipeline	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
EA	Feeder 3 Bacton to Hardingham												
EA	Feeder 2 Peterborough Tee to Eye												
EA	Feeder 2 Peterborough Comp Tee to Wisbech Nene West												
EA	Feeder 2 Peterborough Tee to Peterborough PS												
WS	Feeder 2 Dowlais to Dyffryn Clydach												
NE	Feeder 6 Beeford to Ganstead												
NW	Feeder 4 Eccleston to Weston Point												
WM	Feeder 21 Alrewas to Weston Bank												
WA	Feeder 28 Altwern Cross Connection												
WM	Feeder 14 Alrewas to Haunton												
WM	Feeder 4 Aspley to Milwich												
WA	Feeder 4 Worthenbury Dee to Maelor												
NW	Feeder 4 Audley to Shocklach												
WA	Feeder 28 Llanwrda												
WM	Feeder 4 Milwich to Drointon												
WM	Feeder 21 Alrewas to Drointon												
SC	Feeder 11 Moffat to Lockerbie												
WA	Feeder 28 Cillfrew												
WA	Feeder 28 Three Cocks												
WM	Feeder 2 Churchover to Wormington												
SE	Feeder 18 Medway PS												
NO	Feeder 12 Haltwhistle to Blanchland												
NO	Feeder 6 Elton to Pickering												

Area	Pipeline	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
SC	Feeder 10 Penicuik to Boon												
SC	Feeder 11 Kirriemuir to Pitcairngreen												
WM	Feeder 14 Churchover to Alrewas												
NW	Feeder 15 Keld to Lupton												
WM	Feeder 14/23 Honeybourne												
NW	Feeder 11 Lupton to Longridge												
WM	Feeder 14 Churchover to Wormington												
WM	Feeder 2/14 Churchover Multijunction												
WM	Feeder 2/14/20/23 Wormington												
WM	Feeder 2/14/23 Churchover Comp Tee												
WS	Feeder 2/23/28 Tirley												
EA	Feeder 3 Great Wilbraham to Peters Green												
WM	Feeder 4 Edingale to Alrewas												
NW	Feeder 4 Warburton to Partington												
NW	Feeder 4 Warburton to Audley												
SE	Feeder 5 Gestingthorpe to Roxwell												
NE	Feeder 6 Elton to Pickering												
EM	Feeder 6 Blyborough to Brigg PS												
SO	Feeder 7 Old Warden to Long Crendon												
EM	Feeder 7 Asselby to Susworth Trent West												
EM	Feeder 7 Eastoft to Keadby												
EM	Feeder 7 Tydd St. Giles to Old Warden												

Area	Pipeline	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
EM	Feeder 7 East Heckington to Tydd St Giles												
SW	Feeder 7 Long Crendon to Nuffield												
SW	Feeder 7 Nuffield to Winkfield												
EM	Feeder 8/17 Theddlethorpe to Hatton												
EA	Feeder 9 Peterborough Comp Tee to Willington												
NT	Feeder 9 Steppingley to Whitwell												
EM	Feeder 9 Thornton Curtis												
SW	Feeder 9 Steppingley to East Ilsley												
EM	Feeder 9 Silk Willoughby to Staythorpe												
SC	Feeder 10 Bathgate to Glenmavis												
SC	Feeder 10 Aberdeen to Tigerton												
SC	Feeder 10 Penicuik to Boon												
SC	Feeder 10 St Fergus to Aberdeen												
NO	Feeder 10 Thrunton to Saltwick												
NW	Feeder 11 Lazonby to Melkinthorpe												
SC	Feeder 11 St Fergus to Aberdeen												
SC	Feeder 11 Aberdeen to Laurenckirk												
SC	Feeder 11 Kirriemuir to Meigle												
SC	Feeder 11 Pitcairngreen to Bathgate												
SC	Feeder 12 St Fergus to Pettymuick												
SC	Feeder 12 Rickarton to Marykirk												

Area	Pipeline	2023			2024						2025		
		Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
SC	Feeder 12 Moffat to Longtown												
SC	Feeder 13 Parkneuk												
NE	Feeder 13 Yafforth to Towton												
WM	Feeder 14/23 Honeybourne												
NO	Feeder 15 Plumpton Head to Lupton												
EA	Feeder 18 St Neots to Little Barford												
SE	Feeder 18 Stapleford Tawney to Horndon												
EA	Feeder 22 Hatton to Peterborough Comp Tee												

Please note: where a pipeline is required to be shut down the specific isolation points may differ from those displayed above. Any parties impacted by the works are contacted directly.

Note the list of jobs for 2024 is still being refined; it may not completely reflect the final list.

2.3 NTS Compressor Stations

Compressors are used to help move gas around the NTS to where it is needed, maintaining pressures required at exit points whilst avoiding over-pressurising pipelines. In order to maintain our capability at Compressor Stations, routine maintenance is performed as well as a variety of other projects to maintain and improve the fleet.

 = Confirmed period  = Provisional period

Compressor Station Outages	2023			2024						2025		
	Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3
Aberdeen												
Alrewas												
Avonbridge 1												
Avonbridge 2												
Aylesbury												
Bishop Auckland												
Carnforth												
Cambridge												
Chelmsford												
Churchover												
Diss												
Felindre												
Hatton												
Huntingdon												
Kings Lynn												
Kirriemuir												
Lockerley												
Nether Kellet												
Peterborough												
Wisbech												
Wooler												
Wormington												

3. Maintenance Affected Exit Points

We aim to minimise the impact of our maintenance on customers through transparency, aligning our work with their outages as appropriate and facilitating customer needs for flexibility.

Outages

Each year we ask when our customers' outages are to enable alignment of works. If your outages move, please get in touch as early as possible so that we can consider whether we can also realign our works to reduce any impact of these works. Please contact us to advise of any change to outage periods via email at NTSaccessplanning@nationalgas.com.

Where possible, work is co-ordinated with the end user to avoid supply disruption, however in certain circumstances it may be necessary to schedule work at a time which may require disrupting the supply to an Exit Point whilst the NTS maintenance is undertaken.

Shippers, End-Users and Distribution Networks will be advised, in accordance with the Uniform Network Code (UNC) requirements and timescales, of any required disruptions to supply at an Exit Point by the issuing of a Maintenance Day(s) to the relevant party.

Maintenance Day notifications will be issued by February 1st each year to all relevant parties where our maintenance will impact gas flows for the period April to October. Where work is aligned to customer outages, or there is no anticipated impact, we will issue an Advice notice for your convenience to confirm these arrangements. Should any changes or additions to the requested Maintenance Days be required, all relevant parties will be notified in line with the timescales detailed in the UNC.

Minor Works Agreement

We recognise that sometimes standard maintenance approaches may not be optimal for our customers. Where this is the case the Minor Works Agreement can enable parties to agree different maintenance approaches through a bilateral contract with directly connected customers. Customers can pay the incremental costs of working flexibly outside normal working practices where we are able to accommodate these requests. For any questions relating to Minor Works Agreements, please contact the Business and Operations Planning Team on 01926 655625 or email via box.SCM.GTO@nationalgrid.com.

General Queries

Further information on the maintenance activities undertaken by us is available on our website¹.

If you have any queries or questions regarding the information contained within this document, please contact:

Network Access & Short-Term Risk Team
National Gas Transmission
Gas System Operation
National Grid House
Gallows Hill
Warwick
CV34 6DA
NTSaccessplanning@nationalgas.com

We would welcome any feedback from you in relation to the maintenance programme or the way in which this information is provided. If you would like to provide feedback please contact us via email at: NTSaccessplanning@nationalgas.com

¹ <https://www.nationalgas.com/data-and-operations/maintenance>

Contact:

Neil Russell

Network Access and Short Term Risk

T: +44 (0) 7773 000794

E: NTSAccessPlanning@nationalgas.com

nationalgas.com