

Gas National Transmission System Winter Maintenance Programme

October 2014 - September 2016

Final Version 2.1

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Version History

Version	Comments	Published
1.1	First draft publication	1 st September 2014
2.1	Final version publication	30th September 2014

Introduction

Every year we perform a variety of activities on the gas National Transmission System (NTS) to maintain and develop the network. The 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 work on the NTS during the period 1st October 2014 to 30th September 2016. This report is based on the information available at the time of publication and, as such, may be subject to change. This programme supersedes all previous plans.

We shall be publishing the next draft maintenance programme by the 1st February 2015, to cover the period 1st April 2015 - 31st March 2017.

We have provided, in this document, an overview of work scheduled at NTS compressor stations, NTS pipelines potentially impacting NTS users.

We work hard to make sure any work during winter has minimal impact on our customers. Where work will directly impact your site we will contact you, detailing the extent of impact to your operations.

This document only includes maintenance activities on the NTS which are to be undertaken by National Grid NTS. It does not include maintenance carried out upstream of the NTS by Delivery Facility Operators (DFO's) and Producers or downstream of the NTS by the Distribution Networks.

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

NTS Access Planning Team

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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@nationalgrid.com

Further information on the maintenance activities undertaken by us is available on our website at: <http://www2.nationalgrid.com/uk/industry-information/gas-transmission-system-operations/maintenance/>

NTS Maintenance Work Summary

The tables over the next few pages provide a summary of the NTS compressor outages, in line inspection work and other pipeline work. The month where the work is scheduled to take place has been highlighted in the tables. If it is the case that any work which listed above has an effect on the flow of gas, affected sites are contacted individually.

Planned In Line Inspections


National Grid 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

In Line Inspections	2014			2015						2016			
	Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3	
Feeder 04 - Tixover to Blaby													
Feeder 05 - Shorne to Isle of Grain													
Feeder 05 - Yelverton to Stowmarket													
Feeder 05 - Horndon to Tilbury Thames N													
Feeder 05 - Roxwell to Luxborough													
Feeder 09 - Hatton to Peterborough													
Feeder 10 - Thrunton to Saltwick													
Feeder 10 - Aberdeen to Kirriemuir													
Feeder 10 - Bathgate to Penicuik													
Feeder 11 - Bathgate to Longtown													
Feeder 11 - Samlesbury to Blackrod													
Feeder 12 - Bathgate to Longtown													
Feeder 12 - Kirriemuir to Bathgate													
Feeder 12 - Longtown to Bishop Auckland													
Feeder 13 - Cowpen Bewley to Yafforth													
Feeder 14 - Austrey to Shustoke													
Feeder 14 - Sapperton to Cirencester													
Feeder 15 - Longtown to Plumpton													
Feeder 15 - Plumpton to Lupton													
Feeder 18 - Shorne to Farningham													
Feeder 21 - Audley to Alrewas													
Feeder 23 - Treadow to Gilwern													
Feeder 23 - Wormington to Tirley													
Feeder 23 - Churchover to Honeybourne													
Feeder 25 - Bridge Farm to Mickle Trafford													

Pipeline Work

Pipeline work listed in this table can include diversions of existing pipelines, facilitation of connections to the NTS, and replacement or maintenance of pipeline equipment (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.

 = Pressure Restriction

 = Pipeline Shutdown

 = Provisional period

Pipeline	2014			2015							2016		
	Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3	
Feeder 02 - Bacton to Wisbech													
Feeder 02 - Dynevor to Dyffryn Clydach													
Feeder 04 - Aspley to Milwich													
Feeder 04 - Holmes Chapel to Warburton													
Feeder 06 - Wolviston to Cowpen Bewley													
Feeder 07 - Pannal to Cawood													
Feeder 08 - Theddlethorpe to Hatton													
Feeder 10 - Bathgate to Glenmavis													
Feeder 10 - Soutra to Boon													
Feeder 10 - St Fergus to Aberdeen													
Feeder 10 - Thrunton to Longhorsley													
Feeder 11 - Aberdeen to Kinknockie													
Feeder 11 - Grayrigg to Samlesbury													
Feeder 11 - Longtown to Wetheral													
Feeder 11 - St Fergus to Kinknockie													
Feeder 13 - Bishop Auckland MJ													
Feeder 14 - Severnside to Tockington													
Feeder 21 - Treales to Nateby													
Feeder 28 - Herbrandston to Felindre													
Feeder 29 - Asselby to Pannal													

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.

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	2014			2015							2016		
	Oct	Nov	Dec	Jan	Feb	Mar	Q2	Q3	Q4	Q1	Q2	Q3	
Aberdeen													
Alrewas													
Avonbridge East													
Avonbridge West													
Aylesbury													
Bishop Auckland													
Carnforth													
Cambridge													
Chelmsford													
Churchover													
Diss													
Hatton													
Huntingdon													
Kings Lynn													
Kirriemuir													
Lockerley													
Moffat													
Nether Kellet													
Peterborough													
Warrington													
Wisbech													
Wooler													
Wormington													

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.

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 Business and Operations Planning at GTX.CentralPlanning@nationalgrid.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 being completed.

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.

Please note, no Maintenance Days have yet been issued for any work commencing from 1st April 2015.

For work outside the summer maintenance period, or where work is not anticipated to impact the consumer, National Grid may issue an Advice Notice to the relevant Shippers, End-users and Distribution Networks for information.

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.

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.