

# 2007 Summer Maintenance & Capacity Expansion Programme

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- ◆ June update
- ◆ Completed maintenance
- ◆ Maintenance currently underway
- ◆ Planned maintenance for June & July
- ◆ Publication of updates

# June Update

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- ◆ Summer Maintenance remains on schedule
- ◆ Only minor changes to plan since April update
  - ◆ Plan now updated on Internet
- ◆ No affect on the current published ASEP capabilities

# Maintenance - Completed

<b>Compressor Station Outages</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Avonbridge (East)	16/04 – 29/04	SC	Routine Maintenance
Hatton	21/05 – 27/05	EM	Routine Maintenance
Avonbridge (West)	23/04 – 06/05	SC	Routine Maintenance
<b>Pipeline Work</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 14	02/04 – 22/04	WM	Feeder Shutdown between Churchover & Rugby (feeders 2 & 23 are duplicate feeders)
Feeder 5	14/05 – 20/05	SE	Reconnection of Pig Trap bypasses at Isle of Grain
<b>On Line Inspections</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 7	30/04 – 13/05	EM	Susworth Trent East to Hatton OLI
Feeder 10	14/05 – 27/05	SC	St Fergus to Aberdeen OLI

# Maintenance - Currently underway

<b>Compressor Station Outages</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Wormington	26/03 – 30/09	SW	Control System Replacement, New electric compressor, bi-directional conversion & routine maintenance
Churchover	10/05 – 29/07	WM	Construction of New Electric Compressor
Kirriemuir	04/06 – 01/07	SC	Construction of new Electric Compressor, routine maintenance
Bishop Auckland	04/06 – 10/06	NO	Routine Maintenance
Aylesbury	04/06 – 24/06	SO	Routine Maintenance
Bathgate	28/05 – 03/06	SC	Routine Maintenance
<b>Pipeline Work</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeders 2, 14 & 23	21/05 – 04/08	SW	Welding of Split Tees in preparation for installation of Wormington AGI bypass
Feeder 14	30/04 – 12/08	SW	Pressure restriction & Ties ins for Sapperton to Worminton re-inforcement scheduled for 2008.
<b>On Line Inspections</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 3	04/06 – 10/06	EA	Bacton to Roudham Heath OLI

# Maintenance - June

<b>Compressor Station Outages</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Warrington	11/06 – 24/06	NW	Routine Maintenance
Wisbech	25/06 – 08/07	EA	Routine Maintenance
Diss	16/06 – 05/08	EA	Routine Maintenance
<b>Pipeline Work</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 24	07/06 – 17/06	SC	Sampling probe connection between St Fergus and Aberdeen
<b>On Line Inspections</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 18	18/06 – 24/06	EA	Huntingdon to Cambridge OLI

# Maintenance - July

<b>Compressor Station Outages</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Carnforth	02/07 – 22/07	NW	Routine Maintenance
Nether Kellet	02/07 – 22/07	NW	Routine Maintenance
Lockerly	23/07 – 12/08	SO	Routine Maintenance
Huntingdon	30/07 – 26/08	EA	Routine Maintenance
<b>Pipeline Work</b>	<b>Dates</b>	<b>LDZ</b>	<b>Maintenance Description</b>
Feeder 11	09/07 – 22/07	NW	Feeder 29 tie in (x2) at Nether Kellet
Feeder 21	02/07 – 08/07	NW	Feeder 29 tie in (x1) at Carnforth
Feeder 20	02/07 – 15/07	SW	Extension of Feeder 20 - tie ins to feeder 20 at Ottery St Mary
Feeder 14	02/07 – 15/07	SW	Extension of Feeder 20 - tie ins to Feeder 14 at Aylesbeare
Feeder 14	16/07 – 29/07	SW	Extension of Feeder 20 - tie ins to feeder 14 at Ottery St Mary
Feeder 28	23/07 – 30/07	WS	Feeder 28 commissioning between Derwen Fawr and Llangynog (S. Wales Reinforcement Project)
Feeder 28	31/07 – 07/08	WS	Feeder 28 commissioning between Llangynog and South Hook (S. Wales Reinforcement Project)
Feeder 7	30/07 – 20/08	SO	Tie ins at Lockerley in preparation for Barton Stacey to Lockerley reinforcement scheduled for 2008 – possible pressure reduction

# Maintenance - July cont...

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On Line Inspections	Dates	LDZ	Maintenance Description
Feeder 5	02/07 – 05/07	SE	Horndon to Tilbury Thames North OLI

# Maintenance – Postponed till further notice

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Pipeline Work	Dates	LDZ	Maintenance Description
Feeder 2	23/04 – 27/04	SW	Peterstow – new pipework installed to connect feeder 2 & 23
Feeder 11	02/04 – 22/04	NW	OLI Defect Inspection between Grayrigg & Salmesbury – pressure reduction required

# Published Maintenance plan

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- ◆ The Final Maintenance plan published on 26<sup>th</sup> March 2007
- ◆ Updated version published today.
- ◆ It can be found on the National Grid Website, as follows: -
  - ◆ [www.nationalgrid.com/uk](http://www.nationalgrid.com/uk)
    - ◆ Energy & Services
    - ◆ Gas
    - ◆ Operational Data
    - ◆ Misc System Info
    - ◆ Maintenance Programme / Deliverability