

System Access Planning



Shipper Ops Forum, Feb 2016

Summer Maintenance: In-line inspections

| Area | | 2016 | | | | | | | 2017 | | | | 2018 |
|------|---------------------------------------|------|-----|-----|-----|-----|-----|----|------|----|----|----|------|
| Are | In Line Inspections | | May | Jun | Jul | Aug | Sep | Q4 | g | Q2 | Q3 | Q4 | g |
| SC | Feeder 10 Kirriemuir to Bathgate | | | | | | | | | | | | |
| SC | Feeder 10 Aberdeen to Kirriemuir | | | | | | | | | | | | |
| WM | Feeder 23 Honeybourne to Churchover | | | | | | | | | | | | |
| NO | Feeder 12 Longtown to Bishop Auckland | | | | | | | | | | | | |
| NO | Feeder 15 Longtown to Plumpton Head | | | | | | | | | | | | |
| EM | Feeder 07 Gosberton to Tydd St.Giles | | | | | | | | | | | | |
| EM | Feeder 04 Tixover To Blaby | | | | | | | | | | | | |
| SE | Feeder 18 Shorne to Farningham | | | | | | | | | | | | |
| NO | Feeder 06 Teesside to Cowpen Bewley | | | | | | | | | | | | |
| SC | Feeder 10 Penicuik to Bathgate | | | | | | | | | | | | |
| NT | Feeder 05 Roxwell to Luxborough lane | | | | | | | | | | | | |
| SC | Feeder 10 Penicuik to Boon | | | | | | | | | | | | |
| SC | Feeder 11 Kirriemuir to Bathgate | | | | | | | | | | | | |
| NO | Feeder 11 Longtown to Grayrigg | | | | | | | | | | | | |
| NE | Feeder 6 Burton Agnes to Paull | | | | | | | | | | | | |
| NE | Feeder 21 Warburton to Paull | | | | | | | | | | | | |
| NW | Feeder 15 Lupton to Breatherton | | | | | | | | | | | | |
| EM | Feeder 24 Hatton to Silk Willoughby | | | | | | | | | | | | |
| NE | Feeder 06 Paull to Saltend | | | | | | | | | | | | |

Summer Maintenance: Pipeline Outages

| g | | 2016 | | | | | | | 2017 | | | | 2018 |
|------|--|------|-----|-----|------|-----|-----|--------|------|----|----|----|------|
| Area | Pipeline | | May | Jun | Jul | Aug | Sep | Q 4 | g | Q2 | Q3 | Q4 | ð |
| SC | Feeder 10 Penicuik to Soutra | | | | | | | | | | | | |
| SC | Feeder 10 Soutra to Boon | | | | | | | | | | | | |
| SC | Feeder 10 Bathgate to Glenmavis | | | | | | | | | | | | |
| NO | Feeder 10 Humbleton to Wooperton | | | | | | | | | | | | |
| SC | Feeder 10 St Fergus to Stuartfield | | | | | | | | | | | | |
| SC | Feeder 11 Stirling to Larbert | | | | | | | | | | | | |
| SC | Feeder 12 Bathgate to Pettinain | | | | | | | | | | | | |
| NO | Feeder 12 Langholm to Longtown | | | | | | | | | | | | |
| SW | Feeder 14 Sapperton to Cirencester | | | | | | | | | | | | |
| NW | Feeder 15 Bretherton to Warburton | | | | | | | | | | | | |
| EA | Feeder 02 Kings Lynn T to Castle Acre | | | | | | | | | | | | |
| WS | Feeder 02 Dowlais to Gilwern | | | | | | | | | | | | |
| NW | Feeder 21 Burton Point to Mickle Trafford | | | | | | | | | | | | |
| WM | Feeder 21 Weston Bank to Alrewas | | | | | | | | | | | | |
| EA | Feeder 05 Yelverton to Morningthorpe | | | | | | | | | | | | |
| SE | Feeder 05 Shorne to Isle of Grain | | | | | | | | | | | | |
| NO | Feeder 06 Ingleby Greenhow to Gillamoor | | | | | | | | | | | | |
| NO | Feeder 06 Yarm Tees South to Kirklevington | | | | | | | | | | | | |
| NO | Feeder 06 Pickering to Burton Agnes | | | | | | | | | | | | |
| SO | Feeder 07 Chalgrove to Didcot P.S | | | | | | | | | | | | |
| SC | Feeder 13 St Fergus to Cairnorrie | | | | | | | | | | | | |
| SW | Feeder 14 Pucklechurch to Ilchester | | | | ())) | | | | | | | | |
| EA | Feeder 03 Bacton to Roundham | | | | | | | | | | | | |
| SC | Feeder 10 Aberdeen to Crathes | | | | | | | | | | | | |
| NW | Feeder 21 Treales to Nateby | | | | | | | | | | | | |
| NW | Feeder 4 Warburton to Partington | | | | | | | | | | | | |
| SC | Feeder 12 St Fergus to Aberdeen | | | | | | | | | | | | |

= Pipeline Shutdown

= Pressure Restriction

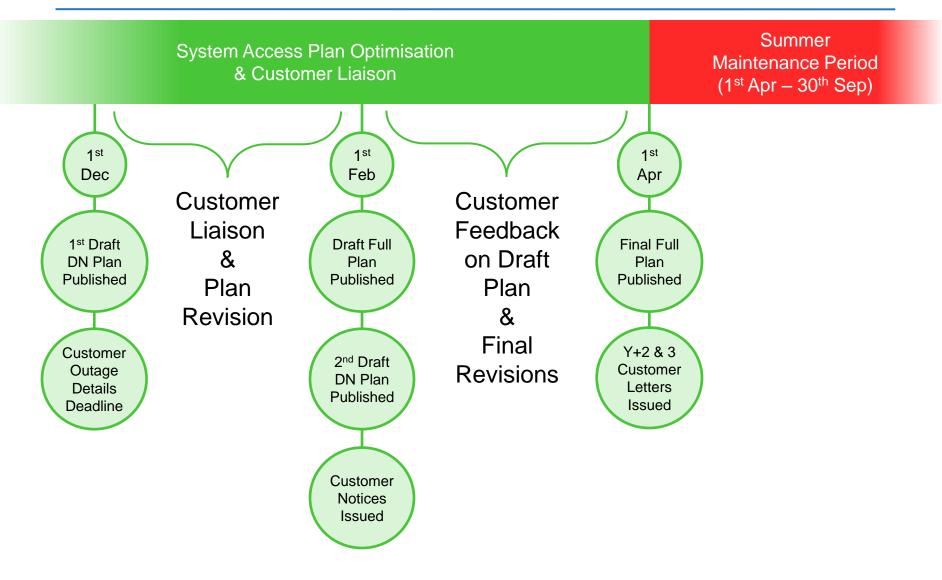
Summer Maintenance: Compressors

| | | | | 2016 | | 2018 | | | | | | |
|----------------------------|-----|-----|-----|------|-----|------|----|---|----|---|--------|---|
| Compressor Station Outages | Apr | May | Jun | Jul | Aug | Sep | Q4 | ð | 02 | ß | Q 4 | ð |
| Aberdeen | | | | | | | | | | | | |
| Alrewas | | | | | | | | | | | | |
| Avonbridge East | | | | | | | | | | | | |
| Avonbridge West | | | | | | | | | | | | |
| Aylesbury | | | | | | | | | | | | |
| Bishop Auckland | | | | | | | | | | | | |
| Carnforth | | | | | | | | | | | | |
| Cambridge | | | | | | | | | | | | |
| Chelmsford | | | | | | | | | | | | |
| Churchover | | | | | | | | | | | | |
| Diss | | | | | | | | | | | | |
| Felindre | | | | | | | | | | | | |
| Hatton | | | | | | | | | | | | |
| Huntingdon | | | | | | | | | | | | |
| Kings Lynn | | | | | | | | | | | | |
| Kirriemuir | | | | | | | | | | | | |
| Lockerley | | | | | | | | | | | | |
| Moffat | | | | | | | | | | | | |
| Nether Kellet | | | | | | | | | | | | |
| Peterborough | | | | | | | | | | | | |
| Warrington | | | | | | | | | | | | |
| Wisbech | | | | | | | | | | | | |
| Wooler | | | | | | | | | | | | |
| Wormington | | | | | | | | | | | | |

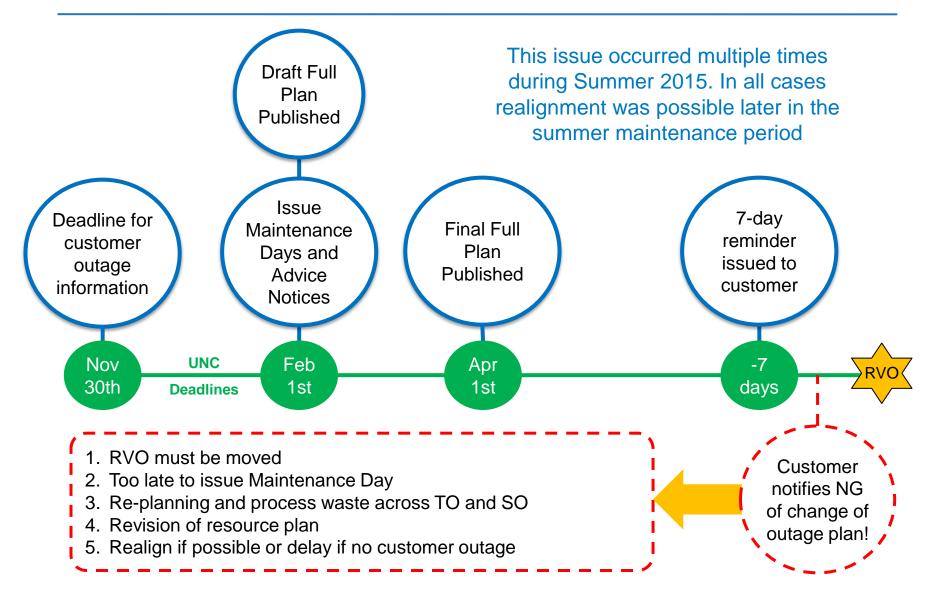
ASEP Capability

| mcmd (GWh/d) | Apr | Мау | Jun | Jul | Aug | Sep | Oct | |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| St Fergus | No Impact | 93 (1023) | 87 (957) | 82 (902) | 83 (913) | 84(924) | No impact | |
| Teesside | No Impact | |
| Barrow | No Impact | |
| Easington | No Impact | |
| Theddlethorpe | No Impact | |
| Bacton | No Impact | |
| Isle of Grain | No Impact | |
| Milford Haven | No Impact | 61 (671) | No Impact | 64 (704) | No Impact | 66 (726) | No impact | |

NTS Summer Maintenance Programme



Routine Valve Operations (RVOs) Date Changes



National Grid Publication

Published maintenance plan can be found via:

http://www2.nationalgrid.com/uk/industry-information/gastransmission-system-operations/maintenance/

- Please use the contact details below to provide outage information, updates to outage dates or for anything else regarding our maintenance planning and notifications:
 - Team Email: <u>ntsaccessplanning@nationalgrid.com</u>
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