

national**grid**

Information
Provision
Consultation

4th April 2016

1. Introduction

This consultation has been written by National Grid NTS, in its role as owner and operator of the Gas National Transmission System (NTS) in Great Britain. The primary purpose of this consultation is to seek industry views on the gas quality information that we publish and also the information we currently provide for balancing purposes. We will also seek your views on other information that you may value.

This consultation highlights the obligations we have under the Interoperability¹ and Balancing² European Network Codes (“the Codes”). We are carrying out this consultation on the information we provide to fulfil obligations contained in these codes. This consultation provides an overview of the relevant obligations in the Codes and how they apply to us. As our obligation under the Interoperability Code specifically relates to gas quality information, an overview of what gas quality is and how it is measured is provided in that section. We then go on to outline the information that we currently provide.

Our proposed approach to undertaking a cost/benefit analysis is set out in section 4. A series of consultation questions is contained in section 5, to which we would appreciate your response. The next steps are outlined in section 6.

The subject matter of this consultation has been discussed at the Transmission Workgroup in December 2015, January 2016 and March 2016. At these meetings an overview was provided of the obligations under the Codes, the gas quality information currently provided and feedback sought around the approach to this consultation.

Please email your responses to Jennifer.randall@nationalgrid.com by Friday 29th April 2016.

2. Gas Quality Information

2a. EU Interoperability Code Obligation

Article 17(2) of the EU Interoperability Code states that a transmission system operator may select one or several of the following parties to receive information on gas quality variation where they are “adversely affected by gas quality changes”.

Article 17(3) of the EU Interoperability Code provides the obligation for the Transmission System Operator to;

- (a) Define and maintain a list of parties entitled to receive indicative gas quality information;
- (b) Cooperate with the parties identified in the above list in order to assess:
 - (i) The relevant information on gas quality parameters to be provided;
 - (ii) The frequency for the information to be provided;
 - (iii) The lead time;
 - (iv) The method of communication

¹ <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32015R0703&from=EN>

² <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014R0312&from=EN>

2b. What is gas quality and how it is measured

Natural gas is made up of a blend of gases, predominately methane but it also contains other hydrocarbon gases as well as small amounts of water, nitrogen, carbon dioxide, sulphur compounds, helium and hydrogen. The amounts of each of these elements will affect the gas quality characteristics of the natural gas. The relative amounts of these gases and therefore the quality of the gas will be determined by two criteria; the gas field(s) it has originated from and any processing that may have been carried out on the gas by the upstream party prior to it being input into the NTS.

We monitor the quality of all the gas entering the NTS for compliance with Schedule 3 of the Gas Safety Management Regulations (GMSR)³ at NTS system entry points. This is achieved using analysers that separate (using chromatography) the components of the gas and quantifies the amount of each component and other complementary instruments. From this analysis the critical properties for compliance are calculated. We own and operate some of this instrumentation; however the majority are owned and operated by the upstream party from whom we receive repeat telemetry signals.

2c. Current gas quality information provided

On our website we publish gas transmission operational data through our Market Information Provision Initiative (MIPI)⁴. This provides access to operational data for all industry stakeholders. It is designed to reduce market uncertainty, reinforce equal access to information, and increase information transparency.

Since 2010 we have been publishing the following 4 reports on MIPI which contain gas quality information. Currently the gas quality information that we provide solely relates to CV.

- Calorific Value report; per LDZ charging zone; updated daily at 10am. Calculated from the daily average CV values from all the entry points to each LDZ.

Calorific Value	
Calorific Values for 17/11/2015	
Charging Zone	Calorific Value (MJ/scm)
Eastern	39.3
East Midlands	39.4
Northern	38.3
North East	40.0
North Thames	39.5
North West	39.4
Scotland	39.6
South East	39.4
Southern	39.5
South West	39.3
West Midlands	39.3
Wales North	39.3
Wales South	39.3

³ <http://www.legislation.gov.uk/ukxi/1996/551/contents/made#end>

⁴ <http://www2.nationalgrid.com/UK/Industry-information/Gas-transmission-operational-data/>

- Actual offtake flows; per NTS exit point; updated daily at 12.30

Gas Day: 01/11/2015
The Provision of Ex-Post Demand Information for all NTS Offtakes

Site Type	Site Name	Calorific Value (MJ/scm)	Total physical flows (mscm)	Energy (kWh)
Industrial Offtake	AMPaperInd			
Industrial Offtake	BASFind	40.8 ^L	0.20230 ^L	2,291,111 ^L
Industrial Offtake	BOCTeesInd	40.8 ^L	0.39332 ^L	4,456,668 ^L
Industrial Offtake	BPGrngmouthInd	40.3 ^L	1.64280 ^L	18,426,683 ^L
Industrial Offtake	BPSaltendHPInd	38.8 ^A	0.38960 ^A	4,202,011 ^L

- NTS Commercial Entry End of Day report; per system entry point; published 2 days after the gas day at 10am (D+2), updated 23rd of the subsequent month at 10am (M+25);

NTS Commercial Entry End Of Day

Report Created: 17/11/2015 13:24

Gas Day: 01/11/2015

System Entry Name	Meter ID	System Entry Energy, EOD (kWh)	System Entry Volume, EOD (mscm)	System Entry CV (MJ/scm)
Avonmouth	ALNCSE	953,831	0.08968	38.3
Bacton - BBL	BBLTST	29,658,462	2.66926	40.0
Bacton - Perenco	SHAMST	66,391,500	6.23441	38.3
Bacton - Shell	SPOTST	123,612,416	11.57000	38.5
Bacton Interconnector	BISTST	23,007,335	2.07066	40.0
Bacton - Seal	SEACST	153,855,556	13.62000	40.7
Barrow	BRSNST	14,447,420	1.35399	39.1
Burton Point	BRPCST	15,095,556	1.39700	38.9

- NTS Physical Entry End of Day report; per system entry point; published daily (D+1); monthly (M+15)

NTS Physical Entry End Of Day

Report Created: 17/11/2015 13:26

Gas Day: 01/11/2015

Updated At D+1

System Entry Name	Site Function Type	System Entry Energy, EOD(kWh)	System Entry Volume, EOD(mscm)	System Entry CV (MJ/scm)
Bacton - Perenco	Sub Terminal	66,391,500^L	6.23441^L	38.3^L
Bacton - Seal	Sub Terminal	153,855,556^L	13.62000^L	40.7^L

3. Balancing Related Information

3a. EU Balancing Code Obligation

Article 38 of the EU Balancing Code obliges a TSO to assess the costs and benefits of the following, within 2 years from its entry into force:

- (a) Increasing the frequency of information provision to network users;
- (b) Reducing the related timescales of information provision;
- (c) Improving the accuracy of the information provided.

This cost benefit analysis shall specify the breakdown of costs and benefits among the categories of affected parties.

Article 38(2) then states that the transmission system operator shall consult its stakeholders on this assessment, in cooperation with the distribution system operators where they are affected.

The Code then goes on to provide the national regulatory authority with the jurisdiction to decide on any relevant changes to the information provided as a result of the consultation.

3b. Current balancing related information provided

We currently provide a range of balancing related information to the industry on MIPI and on our website. Balancing related information is all the energy reports that shippers use to manage their imbalance position. Appendix 1 outlines all these energy reports and their publication frequency. However, at the following link there is a summary of the data we publish and further information.

<http://www2.nationalgrid.com/uk/industry-information/gas-transmission-operational-data/supporting-information/>

4. Cost/benefit approach

We expect there to be a cost to make any additional gas quality and/or balancing related information available that you may indicate as being useful. Therefore, we envisage undertaking a cost/benefit analysis following receipt of responses to this consultation.

The approach to cost/benefit analysis will look at both the information we currently provide, (listed in section 2 for gas quality information and Appendix 1 for balancing related information) and any further information you tell us would be valuable. Performing a cost/benefit analysis on the information we currently provide will potentially allow us to reassess the type and frequency of this information, to ensure we publish this in the most efficient manner.

In order to perform a cost/benefit analysis on any further information that you identify as being valuable, the following steps will be taken;

1. Identify from the consultation responses any common themes of additional information requested and the value you have identified
2. Categorise and assess the financial and operational benefits identified by industry responses
3. Determine whether we have the ability to provide that information
4. Establish wider implications such as systems, and physical measuring devices
5. Make an assessment of what would be needed in order to provide any additional information that respondents identify as being valuable.

5. Consultation Questions

Below are a series of questions we would like to hear your views on.

General questions

Q1. Do you wish your consultation response to remain anonymous?

Q2. Do you agree with the cost/benefit approach outlined in section 4?

Gas Quality Information

Q3. On a scale of 1-10, how useful is the gas quality information currently provided on MIPI? (1 being not useful at all and 10 being very useful). Please provide your reasoning.

Q.4 What do you currently use the gas quality information provided on MIPI for?

Q.5 Are there any gas quality information reports listed in section 2 that you have not used in the last 12 months?

Q.6 Please complete the series of question below. If you have multiple responses to Q6a then please complete the series of questions once for every point.

Q6a. What would you like to do that you currently cannot do with the gas quality information already provided by NG NTS?

Q6b. What information would enable you to do what you currently cannot?

Q6c. What financial benefits / costs saving could this provide for you?

Q6d. What operational benefits would this bring?

Q.7 How easy is it to find the gas quality reports that you require? (1 being not very easy at all and 10 being very easy)

Balancing related information

Q.8 On a scale of 1-10, how useful is the balancing information provided as outlined in Appendix 1? (1 being not useful at all and 10 being very useful) Please provide your reasoning.

Q.9 What do you currently use the balancing information outlined in Appendix 1 for?

Q.10 Please can you indicate, in the fourth column on the table in Appendix 1, whether there are any balancing information reports listed that you have not used in the last 12 months?

Q.11 Please complete the series of question below. If you have multiple responses to Q6a then please complete the series of questions once for every point.

Q11a. What would you like to do that you currently cannot do with the information already provided by NG NTS?

Q11b. What information would enable you to do what you currently cannot?

Q11c. What financial benefits / costs saving could this provide for you?

Q11d. What operational benefits would this bring?

Q.12 How easy is it to find the balancing reports that you require? (1 being not very easy at all and 10 being very easy)

Wider information

Q.13 In Appendix 2 the wider information which is also provided on MIPI is listed. Whilst we are consulting on the information we provide it seemed appropriate to also include this information as part of this consultation. Therefore, please can you indicate, in the fourth column on the table in Appendix 2, whether there are any wider information reports listed that you have not used in the last 12 months?

6. Next Steps

Any questions or responses to this consultation should be directed to Jennifer Randall at Jennifer.randall@nationalgrid.com

Responses should be received by Friday 29th April 2016.

A workshop will be held in the afternoon session of Transmission Workgroup on Thursday 7th April regarding this consultation. Please contact jennifer.randall@nationalgrid.com to register for that workshop.

Following this consultation a response letter will be published by National Grid NTS in July 2016 which will outline the responses received to this consultation and what we plan to do as a result.

Appendix 1: Balancing related information currently published

Report Name	Summary	Publication frequency	Have you used in the last 12 months?
Daily Summary Report (DSR)	This report provides a consolidated view of the latest forecast and actual data available. It is updated continuously throughout the day as information becomes available. The report also contains the Gas Deficit Warning status and Margins Notice Trigger Levels for D and D-1. Users can also navigate to the Data Item Explorer for further clarity on definitions for the data items included in the graphs.	Updated continuously throughout the day as information becomes available.	
Energy – Daily Reports			
Pre Day / Within Day			
Aggregate Physical NTS System Entry Flows (NTSAPF)	This report shows for a single gas day, the forecast end of day aggregated flows into the NTS derived from a straight line extrapolation of the physical metered instantaneous flows entering the network. The report is published hourly from midnight at the day ahead stage through to 0300 on the gas day.	Hourly (from midnight at the day ahead stage through to 0300 on the gas day)	
D-2 to D-5 NTS Demand Forecast Report (NTSDE)	This report shows the latest NTS Demand Forecast for the period D-2 to D-5. The report also provides an indication of the confidence level that can be associated with the forecast. The forecast is updated on a daily basis and is published at approximately 16:00.	Daily (at 16:00)	
Day Ahead Gas Flow Nominations	This report shows the Day Ahead aggregate gas flow nominations at major Aggregate System Entry Points (ASEPs). These are the Input nominations at mono-directional points and net flow nominations at bi-directional sites. Where an input nomination is not submitted, a zero value is displayed in line with MOD 223. Published before D-1 18:00.	Daily (before D-1 18:00)	
End Of Day Aggregate Forecast NTS System Entry Flows (NTSAFF)	This report shows for a single gasday, the forecast end of day aggregate flows into the NTS calculated as the aggregate of the received DFN - Delivery Flow Notifications. The report is published hourly from midnight at the day ahead stage through to 0300 on the gas day.	Hourly (from midnight at the day ahead stage through to 0300 on the gas day)	
Forecast Composite Weather Variables (SISR01)	This report shows the Local Distribution Zone (LDZ) Forecast Composite Weather Variables (CWV). CWV is created from 2-hourly temperatures and 4-hourly wind speeds to produce a linear relationship with LDZ demand. Benefits include 1. Improves the fit of weather/demand models. 2. Historical weather can be used to estimate what demand would have been at current levels of connected load. 3. Linear relationship with LDZ demand simplifies demand models.	Multiple times a day in line with demand forecasts.	
Forecast Demands (SISR03)	This report shows the latest available approved Forecast Demand for each of the LDZs (Local Distribution Zones) for a single gas day, the sum of all LDZ forecast demand and the forecast of NTS throughput. The report is updated at a number of stages through the gas day in line with UNC requirements for within day and D-1 demand forecasts.	Multiple times a day in line with demand forecasts.	
Nomination Report	This report provides Nomination data at intervals for Day Ahead Nomination at 17:00, Within Day at Re-nominations at 06:00, 12:00, 18:00, 24:00 and EOD Final at 06:00 D+1. Data is provided at Total Aggregate level for Entry and Exit, at aggregated level per site type and for some site types given at site level also. Note: Some points have been excluded at site type level due to the Ofgem Consultation on relevant points. This is subject to review.	Daily (at intervals for Day Ahead Nomination at 17:00, Within Day at Re-nominations at 06:00, 12:00, 18:00, 24:00 and EOD Final at	

		06:00 D+1)	
System Nomination Balance (NB05)	This report shows the aggregate Shipper Nomination Imbalance for a given gas day. The report is published hourly from midnight at the day ahead through to 03:00 on the gas day.	Hourly (from midnight at the day ahead through to 03:00 on the gas day)	
System Status Information (NB92)	This report shows for a single Gas Day the Opening Linepack, two projected Closing Linepack figures (PCLP1 - derived from DFNs and PCLP2 - derived from INS noms), and forecast NTS Demand. The report is published hourly from midnight at the day ahead stage through to 0300 on the gas day.	Hourly (from midnight at the day ahead through to 03:00 on the gas day)	
After Day			
Actual Composite Weather Variables (SISR02)	This report shows the Local Distribution Zone (LDZ) Actual Composite Weather Variables (CWV). CWV is a weather variable created from 2-hourly temperatures and 4-hourly wind speeds transformed to produce a linear relationship with LDZ demand. The benefits of these are 1. Improves the fit of weather/demand models. 2. Historical weather can be used to estimate what demand would have been at current levels of connected load. 3. Linear relationship with LDZ demand greatly simplifies demand models. Frequency: D+1	Daily (D+1)	
Actual Demands (SISR04)	This report shows the Actual Commercial Demands for each of the LDZs for a single Gas Day, the sum of all LDZ demand, and the actual throughput for the NTS (this figure includes all LDZs, Storage Injections, Interconnectors and NTS direct feed VLDMC demands). Total NTS demand excludes linepack change and shrinkage. Initial Information updated at D+1 with final closed out data at D+6. All updates are published at approximately 12:00.	Daily (D+1 at approx. 12:00)	
Actual Offtake Flows (AOF)	This report is for publication of the previous day's total physical flows from the NTS by individual NTS Exit Point. This includes each individual storage site, power station, interconnector, NTS connected industrial load and individual NTS exit points into each LDZ. Total physical output excludes linepack change and shrinkage. This report will be updated at D+1. The volume data is published at 11:00 and the cv and energy published at 12.30.	Daily (D+1. The volume data is published at 11:00 and the cv and energy published at 12.30)	
Aggregate Allocation Report	The allocations report shows allocations aggregated by Entry and Exit and also by Site Type at D+2 (initial) and then updated at M+7 for Exit data items and M+15 for Entry data items to show the Final allocation. The report is published at 22:45 hours.	Daily (D+2 at 22:45 and M+7)	
Calorific Value Report	This report is for the publication of the previous day's Calorific value data. This report will be updated at D+1. This report is published at 10:30.	Daily (D+1 at 10:30)	
Demand Analysis LDZ DM and NDM (NORM06)	This report shows the Daily Metered (DM) and Non Daily Metered (NDM) Demand in kWh for each of the 13 Local Distribution Zones (LDZs), published at D+1, pre-closeout and D+6, post closeout.	Daily (D+1 and D+6)	
Gas Trading Report (NORD06)	This Report shows NBP Trades reported to National Grid through ATLink Trade nominations. It shows the number of confirmed trades and the total energy traded. Also provided are details of the average, high and low amounts of gas traded. A summary of Non-Matching trades gives an indication of the overall intended trading position. It is recognised that trade nominations may not reflect all individual trades as netting off may occur. Information updated at D+1. All updates are published at approximately 12:00.	Daily (D+1)	
NTS Commercial Entry End Of Day (NTSEOD)	The Report provides information that indicates that the End of Day (EOD) quantity of gas that has commercially flowed through an NTS system entry point on a specific Gas Day. The Report indicates aggregate entry nominations onto the NTS, and may not reflect the actual physical flow of gas onto the NTS, as it does not take into	Daily (D+1 at 12:00)	

	account any Exit Nominations at sites where there is potential for 2 way flow (storage sites and interconnectors). The report is updated at D+2. The report is published at approximately 12:00.		
NTS Exit Flex Utilisation Report	NTS Exit Flex Utilisation Report provides the Zonal Offtake:06:00 to 22:00 in mscm, End of Day Zonal Offtake in mscm and Zonal Flex Utilization in mscm for Measured at D+1 and Measured at D+6.	Daily (D+1 and D+6)	
NTS Linepack Report	NTS Linepack Report provides the information of NTS Linepack by Linepack Area for the Gas Day Measured at D+1 and NTS Linepack by Linepack Area for the Gas Day Measured at D+6.	Daily (D+1 and D+6)	
NTS Physical Entry End Of Day (NTSEOD)	This report provides System Entry Energy in kWh, System Entry Volume in mscm and System Entry Calorific values(CV) in MJ/scm for the corresponding System Entries.	Daily (D+1 at 12:00)	
NTS Shrinkage - Gas Procurement and Disposal	This report details the activity undertaken by National Grid in its role as the NTS Shrinkage Provider to procure and/or dispose of gas in the market(s) in order to meet its License and Network Code obligations in respect of NTS Shrinkage gas requirements. Report is a weekly report (publishing data for Sunday to Saturday) and is updated daily with the latest D+5 data, and published at approximately 11:15am.	Daily with the latest D+5 data, at approximately 11:15am.	
Operational Summary Report	This report is for the publication of the previous day's Operational Summary data. This report is published at 16:15.	Daily (D+1 at 16:15)	
Price Information History (OC46)	This Report shows the System Average Price (SAP), System Marginal Price (Buy)(SMP Buy) and the System Marginal Price (Sell)(SMP Sell) values at each hour through a given Gas Day. The averages are up to that point in the day. The report is updated at D+1 and published at approximately 12:00.	Daily (D+1 at 12:00)	
Storage and LNG Report	The Storage and LNG report shows aggregated storage values and LNG values at D+1. This report is published at 16:00. For detailed definitions please see the supplementary Help file for this report.	Daily (D+1 at 16:00)	
UK Wholesale Gas Market Liquidity Data	This report shows the total energy of gas trades by shippers on and before the relevant Gas Day, the total number of trades made in respect of each gas day, the number of trading parties, and the level of physical flows into the NTS via total daily input nominations. It is published Daily. Frequency: D+1	Daily (D+1)	
Use of Balancing Tools (NORM01)	This report details on a daily basis, the Constrained LNG (the injection and withdrawal of gas at LNG points for balancing purposes) and the change in Linepack in kWh; this figure is calculated for each day using the average NTS Calorific Value (CV) figure.	Daily (D+1)	
Weather Correction Factors / Scaling Factors (DA10)	This Report shows the Weather Correction Factor and Scaling Factor values, (both Forecast and Allocated), in each LDZ (Local Distribution Zone) for the given Gas Day. Report is initially published on D+1 (the day after the gas day), and updated daily up to D+6. The report is published at approximately 12:00.	Daily (D+1 at 12:00)	
Daily Balance Report			
Cashout Balancing Prices (NORD01a)	This Report shows the total Nominated and Actual inputs and outputs to/from the system; a summary of Balancing Actions used, Supply, Demand and Linepack details and a Price Summary. The Nominations balance is updated at D+2, the Allocations balance is updated at D+7. All other information is updated at D+1. All updates are published	Daily (D+1 at 12:00)	

	at approximately 12:00		
Daily Balance Report (NORD01b)	This Report shows the total Nominated and Actual inputs and outputs to/from the system; a summary of Balancing Actions used, Supply, Demand and Linepack details and a Price Summary. The Nominations balance is updated at D+2, the Allocations balance is updated at D+7. All other information is updated at D+1. All updates are published at approximately 12:00.	Daily (D+1 at 12:00)	
Daily Operation Information (NORD01c)	This Report shows the total Nominated and Actual inputs and outputs to/from the system; a summary of Balancing Actions used, Supply, Demand and Linepack details and a Price Summary. The Nominations balance is updated at D+2, the Allocations balance is updated at D+7. All other information is updated at D+1. All updates are published at approximately 12:00. *** Due to Modification 090 LDZ information will no longer be published from 1st October 2011. ***	Daily (The Nominations balance is updated at D+2, the Allocations balance is updated at D+7. All other information is updated at D+1. All updates are published at approximately 12:00)	
Energy – Monthly Reports			
Aggregate Financial Position (NORM04)	This report shows on a monthly basis the Imbalance Payment / Charge figures in £s, the Scheduling Charge (also in £s), split into Entry, Exit and DMA, the net OCM Balancing Costs (also in £s), the PRI (Physical Renomination Incentive) Charge (also in £s), and the Net Total of all of these (also expressed in £s). Frequency: Monthly	Monthly	
Storage Withdrawals And Injections Allocations (NORM12)	This report provides aggregated figures showing the amount of gas injected from the Total System into all Storage Facilities; and the amount of gas withdrawn from Storage Facilities into the NTS in a day excluding Boil off. It is provided at approximately 16:30, M+30. Frequency: Monthly	Monthly	
Total Shrinkage Figures Report (NORM13)	This report shows the daily Forecast Shrinkage, Actual Shrinkage, Assessed Shrinkage, and Assessed NTS Shrinkage values. The report is shown on a monthly basis and is published at M+16. Frequency: Monthly	Monthly	

Appendix 2: Wider information currently published

Report Name	Summary	Publication frequency	Have you used in the last 12 months?
Entry Capacity - Daily Reports			
Within Day			
Daily Auctions Summary Report (Within Day)	This report provides a summary features of daily capacity auctions including highest and lowest accepted bids, average price, number of bids and total volume of capacity sold. Provided at hourly intervals between 01:00 - 23:00, D. Frequency: Hourly	Hourly	
After Day			
Capacity Availability Report (NORD07)	Entry Capacity is defined in Network Code Section B. This Report gives a tabular indication of the capacity available and capacity booked across all ASEPs (Aggregated System Entry Points). Storage installations have been shown at aggregate level. Also provided are details of the Buy Back and Scale Back volumes. The Report also gives the various prices from the daily capacity auctions in a tabular format.	Daily	
Entry Capacity Trading Analysis (NORM26)	This report shows the amount of days for which capacity trades were made. This is split by capacity trade type. This report is published at D+2. Frequency: Daily	Daily	
Long Term Capacity Auctions Report	This report shows the Long Term Capacity sold values at an individual method of sale or auction type for each Aggregate System Entry Point (ASEP). This is published with daily values.	Monthly	
Future Entry Capacity Traded (NORD03a)	This Report gives a tabular indication of entry capacity trading activity at the terminal and aggregate storage entry points. Trading for today is distinguished from trading for the future. Graphs of future capacity traded (Terminal and aggregate Storage) and the levels of Entry Capacity Booked (Terminals and aggregate Storage for the day) are provided for context. For storage installations this report shows only the total system entry capacity booked at the Storage Facilities and not space available or deliverability at the Storage Facilities. The report is updated at D+1. The report is published at approximately 12:00.	Daily (D+1 at approximately 12:00)	
Future Entry Capacity Traded - Capacity (NORD03b)	This Report gives a tabular indication of entry capacity trading activity at the terminal and aggregate storage entry points. Trading for today is distinguished from trading for the future. Graphs of future capacity traded (Terminal and aggregate Storage) and the levels of Entry Capacity Booked (Terminals and aggregate Storage for the day) are provided for context. For storage installations this report shows only the total system entry capacity booked at the Storage Facilities and not space available or deliverability at the Storage Facilities. The report is updated at D+1. The report is published at approximately 12:00.	Daily (D+1 at approximately 12:00)	
Future Entry Capacity Traded - Transactions (NORD03c)	This Report gives a tabular indication of entry capacity trading activity at the terminal and aggregate storage entry points. Trading for today is distinguished from trading for the future. Graphs of future capacity traded (Terminal and aggregate Storage) and the levels of Entry Capacity Booked (Terminals and aggregate Storage for the day) are provided for context. For storage installations this report shows only the total system entry capacity booked at the Storage Facilities and not space available or deliverability at the Storage Facilities. The report is	Daily (D+1 at approximately 12:00)	

	updated at D+1. The report is published at approximately 12:00.		
Within Day Entry Capacity Traded - Transactions (NORD03d)	This Report gives a tabular indication of entry capacity trading activity at the terminal and aggregate storage entry points. Trading for today is distinguished from trading for the future. Graphs of future capacity traded (Terminal and aggregate Storage) and the levels of Entry Capacity Booked (Terminals and aggregate Storage for the day) are provided for context. For storage installations this report shows only the total system entry capacity booked at the Storage Facilities and not space available or deliverability at the Storage Facilities. The report is updated at D+1. The report is published at approximately 12:00.	Daily (D+1 at approximately 12:00)	
Within Day Entry Capacity Traded - Capacity (NORD03e)	This Report gives a tabular indication of entry capacity trading activity at the terminal and aggregate storage entry points. Trading for today is distinguished from trading for the future. Graphs of future capacity traded (Terminal and aggregate Storage) and the levels of Entry Capacity Booked (Terminals and aggregate Storage for the day) are provided for context. For storage installations this report shows only the total system entry capacity booked at the Storage Facilities and not space available or deliverability at the Storage Facilities. The report is updated at D+1. The report is published at approximately 12:00.	Daily (D+1 at approximately 12:00)	
Exit Capacity – Daily reports			
Within Day			
Exit Capacity Constraint Report (Prompt Buyback and Offtake Flow Reduction)	Prompt Buyback Table gives a tabular indication of any capacity buyback actions at a system exit point. Offtake Flow Reduction Table contains information relating to offtake flow reductions.	Daily	
Exit Capacity Constraint Report (Scaleback and Restoration)	This report gives a tabular indication of the Scaleback/Restoration across all system exit points.	Daily	
Exit Capacity Daily Price Report	This report gives an indication of the various prices paid for exit capacity across all system exit points.	Daily	
Firm Exit Capacity Buyback Forwards and Options Report	Please use the "Exit Capacity Publications" link for : - <ul style="list-style-type: none"> • Firm Exit Capacity Assignment Report • Firm Exit Capacity Transfer Report • Firm Exit Capacity Buyback Forwards and Options Report <p>Also, Please note that data related to these reports is not available within Data Item Explorer.</p>	N/A	