

# **Uniform Network Code Operations Reporting Manual**

Version 9.0

## REVIEW HISTORY

<b>DATE OF REVIEW</b>	<b>OUTCOME OF REVIEW</b>
1997	Version 1.0 – NCOR Manual created and sent to shippers.
01/06/2001	Version 3.0 – Amendments to NORM06 and NORM12 reports.
22/04/2005	Version 4.0 – NCOR Manual first published to National Grid Web Site. Screenshots and definitions updated where necessary (full review of document undertaken).
01/03/2006	Version 5.0 – Company name change to National Grid and AT Link replaced by Gemini – some changes to definitions and screenshots.
Oct 2007	Version 6.0 – Change to incorporate the Data Dictionary developed as part of UNC Review Group 0140
22/01/2009	Version 7.0 – Data Dictionary: Shrinkage data items updated following Modification 0203V Revision to DN Shrinkage Regime. Introductory text reviewed and updated. Approved at UNCC.
16/11/2009	Version 8.0 – Change to incorporate amendments to Reports and Data Dictionary as a result of remaining UNC RG 140 recommendations & new Mod requirements implemented as part of Phase 2 of MIPI Project.
15/11/2010	Version 9.0 – Change to incorporate updated Data Dictionary following European Transparency Project

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# 1. INTRODUCTION

This is the document referred to in TPD section V9.4.2 of the Uniform Network Code (“The Code”). The purpose of this document (“The Reporting Manual”) is to provide a summary of the gas data provided by National Grid, brief instructions on how to access the information, and definitions of the various Operational Data items that will be published.

Gas data is available to Users via the following services;

- Shipper Operations Reports: These reports contain Shipper specific information and are published on the Lotus Notes Shipper Information Service database (SIS). See section 4 for more information on Shipper Operations Reports.
- Operational Data area of National Grid Website
  - Report Explorer: Reports are updated on a daily basis and contain generic gas data relating to the operation of the system. The reports are downloadable in either a pdf or Excel report.
  - Data Item Explorer: Individual generic data items, published on the National Grid Website in csv / Excel format. A list of all available data items together with their respective definitions can be found within the Data Dictionary (See section 6 for more information).
  - Additional operational information: A range of additional information and reports relating to the operation of the system e.g. Capacity Auctions, Storage info etc

National Grid NTS will use reasonable endeavours to ensure that all data items are updated in line with the frequency defined within the Data Dictionary section of this document. However, it should be noted that in a number of cases the data does not originate from National Grid NTS and National Grid NTS is reliant on a 3<sup>rd</sup> party providing it with the data.

The Reporting Manual also sets out the procedure for modifications to the data or reports and the distribution to those reports.

This document does not form a part of the “Code”.

# 2. BACKGROUND

The information contained within the Shipper Operations reports and Operational Data (together “the Information”) is made available as an information service only and National Grid NTS do not assume any responsibility for the accuracy of or the content of the Information including without limitation, any delay that may occur in making available the Information. National Grid NTS does not assume any responsibility for the variation, amendment, modification or any other alteration to the Information subsequent to its receipt by Shippers or 3<sup>rd</sup> Parties.

The Information is not in substitution of that information provided to Users for the purposes

of determining amounts payable by Users to National Grid NTS, or by National Grid NTS to Users in accordance with the Code and the format, content and frequency of the Reports have been developed for information purposes only and not for use by User's for financial analysis purposes or the audit of amounts payable to National Grid NTS.

### **3. MODIFICATION**

National Grid NTS and the Uniform Network Code Committee or any relevant Sub Committee will meet to discuss modifications to this Report Manual as required and National Grid NTS will consider revisions to the Reporting Manual in the light of these discussions. All modifications will also be presented to the UK Link committee for information only.

### **4. SHIPPER OPERATIONS REPORTS**

These reports contain Shipper specific information and are made available to Shippers only via the Lotus Notes based Shipper Information Service (SIS).

#### **Daily Reports**

- SORD01 Daily Imbalance Report

#### **Monthly Reports**

- SORM02 Input Scheduling
- SORM03 Output Scheduling
- SORM05 Shipper Imbalance
- SORM06 Daily Cashout Quantities
- SORM16 Monthly Balance Financial Position
- SORM24 Balancing Neutrality
- SORM25 Entry Capacity Booking
- SORM26 Extent of Capacity Trading
- SORM31 NTS Exit Capacity Booking

### **5. SHIPPER OPERATIONS REPORT FORMATS**

Please see Appendix A.

### **6. OPERATIONAL DATA**

All Operational Data described in the sections below can be found within the Operational Data section of the National Grid website (<http://www.nationalgrid.com/uk/Gas/Data/>).

For help regarding Operational Data please see the Supplementary Help screen

(<http://www.nationalgrid.com/uk/Gas/Data/help/>).

## 6.1. REPORT EXPLORER

The Report Explorer allows users to download a number of useful pre-defined reports that include a number of the data items available individually via the Data Item Explorer and as defined within the Data Dictionary.

To access the Report Explorer please use the following link;  
<http://marketinformation.natgrid.co.uk/gas/ReportExplorer.aspx>

## 6.2. DATA DICTIONARY

Using the Data Item Explorer tool on the website users are able to produce bespoke reports based on a variety of dates and individual data items.

The following data dictionary contains definitions for these data Items which have been categorised into the following areas:

Balancing	Capacity Auction	Capacity Entry	Capacity Exit	CV
Demand	Gas Trading	Interruption	Linepack	LNG
Storage	Prices	Shrinkage	Supply	Throughput
Weather				

Click on the attachment to view the data dictionary.



Data Dictionary v9

## **APPENDIX A: Shipper Operations Report Formats**

This appendix provides a summary of the following Shipper Operations Reports together with an example of the format of the report.

- SORD01 Daily Imbalance Report
- SORM02 Input Scheduling
- SORM03 Output Scheduling
- SORM05 Shipper Imbalance
- SORM06 Daily Cashout Quantities
- SORM16 Monthly Balance Financial Position
- SORM24 Balancing Neutrality
- SORM25 Entry Capacity Booking
- SORM26 Extent of Capacity Trading
- SORM31 NTS Exit Capacity Booking

## **SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION.**

**Report No:** SORD01

**Area of Reporting:** Shipper Operations

**Title of Report:** Daily Imbalance Table.

### **1. Brief Description:**

This report shows the shipper's percentage imbalances net of NDM forecast deviation for each gas flow day. The community average, highest and lowest scores are shown for comparison purposes.

The recipient of the report will be able to see their position in the table. However, they will not know the identities of other shippers in the table. The report will include legacy contracts and National Grid accounts.

The aim of the table is to enable shippers to compare their balancing performance to other shippers on each gas flow day.

### **2. Details:**

The Imbalance amount is calculated as (Inputs-Outputs), taking account of trades but not OCM bids, and net of NDM forecast deviation if it is favourable to the shipper. The imbalance percentage is the imbalance amount divided by throughput as defined in the Uniform Network code. i.e  $(Inputs + Outputs)/2$ . The NDM forecast deviation is calculated as the difference between the end of day NDM renomination (on D) and the NDM allocation (on D+5).

This table is based on default input allocations, therefore the imbalance figures shown are subject to change when actual allocation figures are available at M+15.

The lowest, average (arithmetic mean) and highest imbalance percentages are shown for comparison purposes.

### **3. Distribution:**

The report will be available daily in the Shipper Information Service Database at D+7.

### **4. Production Schedule:**

This report will be generated for each gas flow day and will be made available on the Shipper Information Service on D+7.



# Shipper Community Daily Imbalance Table

For Gas Day:

Shipper	Abs % Imbalance
Shipper1	0.00
Shipper2	0.00
Shipper3	0.00
Shipper4	0.00
Shipper5	0.00
Shipper6	0.00
Shipper7	0.00
Shipper8	0.00
Shipper9	0.00
Shipper10	0.00
Shipper11	0.00
Shipper12	0.00
Shipper13	0.00
Shipper14	0.03
Shipper15	0.07
Shipper16	0.10
Shipper17	0.11
Shipper18	0.15
Shipper19	0.18
Shipper20	0.20
Shipper21	0.25
Shipper22	0.26
Shipper23	0.29
Shipper24	0.32
Shipper25	0.34
Shipper26	0.40
Shipper27	0.42
Shipper28	0.49
Shipper29	0.57
Shipper30	0.58
Shipper31	0.76
Shipper32	0.77
Shipper33	0.98
Shipper34	1.10
Shipper35	1.18
Shipper36	1.25
Shipper37	1.26
Shipper38	1.95
Shipper39	2.46
Shipper40	2.54
Shipper41	2.64
Shipper42	2.67

Shipper	Abs % Imbalance
Shipper43	2.79
Shipper44	2.91
Shipper45	3.55
Shipper46	3.80
Shipper47	4.11
Shipper48	5.36
Shipper49	5.50
Shipper50	5.72
Shipper51	5.72
Shipper52	6.82
Shipper53	7.02
Shipper54	7.85
Shipper55	9.30
Shipper56	9.30
Shipper57	9.78
Shipper58	10.80
Shipper59	12.18
Shipper60	13.76
Shipper61	20.28
Shipper62	25.66
Shipper63	28.54
Shipper64	29.71
Shipper65	51.24
Shipper66	54.42
Shipper67	117.82
Shipper68	119.68
Shipper69	192.16
Shipper70	194.75
Shipper71	195.04
Shipper72	195.45
Shipper73	199.97
Shipper74	200.00
<b>Lowest</b>	<b>0.00</b>
<b>Average</b>	<b>23.99</b>
<b>Highest</b>	<b>200.00</b>

The Imbalance figures are Net of the NDM deviation.

## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION.

**Report No:** SORM02

**Area of Reporting:** Shipper Operations.

**Title of Report:** Input Scheduling Report.

### 1. Brief Description:

This report shows the difference between the nominated and allocated gas flows and the Scheduling Charge incurred for each day of a month for a given Input Terminal.

It is used to monitor a shipper's ability to deliver into an Input Point according to its nominated quantity.

### 2. Details:

The Scheduling difference is calculated from the Shipper's Renomination less Allocation figures for all sub-terminal inputs into that Terminal. This difference is then subject to 3 and 5 % tolerance levels. The tolerance levels are calculated as 3 and 5 percent of the renomination figure.

Any amount of the scheduling difference that exceeds the 3 percent inner tolerance up to the 5 % outer tolerance is charged at 2 % of the System Average Price (SAP) on the given day. Any amount of the difference that exceeds the 5 % outer tolerance level will be charged at 5 % of the SAP price.

The Scheduling quantities that exceed the inner (3 %) tolerance level are shown together with the daily Input Scheduling Charge.

The Community Total Input Scheduling Charges are shown daily and monthly for comparison purposes.

### 3. Distribution:

This report will be available on the Shipper Information Service Database each month at M+30.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information service database by M+30.

# Input Scheduling

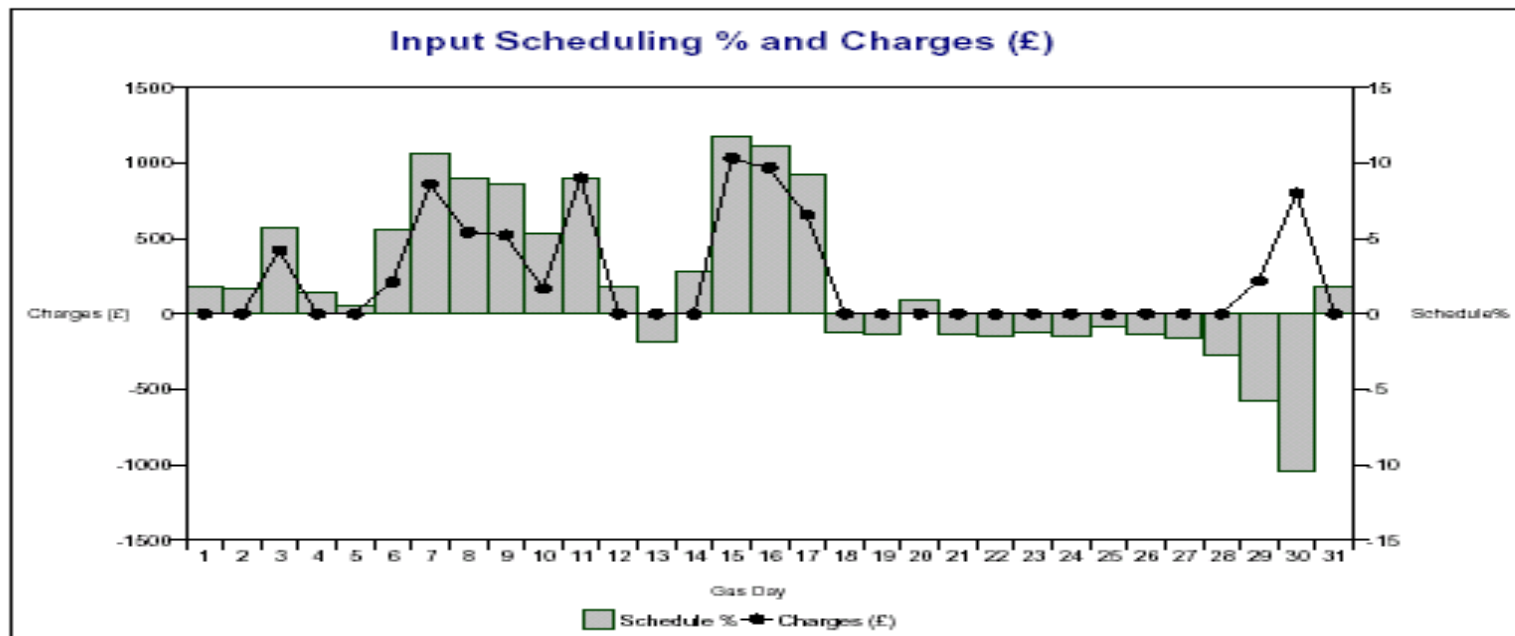
January 2005

## SHIPPER A

## TERMINAL 1

Gas Day	Renominations (KWh) (A)	Allocations (kWh) (B)	Scheduling Diff (kWh) (C) C = B - A	Scheduling % (D) D = C * 100/A	Tolerance (3%) (E) E = A * 0.03	Tolerance (5%) (F) F = A * 0.05	Scheduling Qty (kWh) (G) G = C - E	Charge (E)	Community Total Charge
1	52,947,890	53,931,835	983,945	1.86	1,588,437	2,647,395	0	0.00	7,997.37
2	42,576,803	43,291,600	714,797	1.68	1,277,304	2,128,840	0	0.00	5,945.73
3	53,497,973	56,581,935	3,083,962	5.76	1,604,939	2,674,899	1,479,023	422.71	3,744.15
4	45,941,366	46,588,413	647,047	1.41	1,378,241	2,297,068	0	0.00	4,497.43
5	39,712,856	39,952,674	239,818	0.60	1,191,386	1,985,643	0	0.00	6,176.98
6	31,264,648	33,003,364	1,738,716	5.56	937,939	1,563,232	800,777	212.63	3,880.53
7	28,033,433	31,014,348	2,980,915	10.63	841,003	1,401,672	2,139,912	860.39	4,533.19
8	22,607,783	24,644,654	2,036,871	9.01	678,233	1,130,389	1,358,638	541.41	5,755.27
9	24,676,819	26,804,859	2,128,040	8.62	740,306	1,233,841	1,387,735	523.98	5,162.89
10	32,379,737	34,103,528	1,723,791	5.32	971,392	1,618,967	752,399	169.18	8,944.29
11	38,972,075	42,459,016	3,486,941	8.95	1,169,162	1,948,604	2,317,779	902.70	5,219.00
12	38,469,334	39,153,441	684,107	1.78	1,154,080	1,923,467	0	0.00	7,567.51
13	63,375,331	62,217,289	-1,158,042	-1.83	1,901,260	3,168,767	0	0.00	7,481.79
14	59,074,572	60,740,651	1,666,079	2.82	1,772,237	2,953,729	0	0.00	3,118.18
15	28,906,891	32,324,347	3,417,456	11.82	867,207	1,445,345	2,550,249	1,033.03	6,522.31
16	29,798,862	33,106,235	3,306,373	11.10	893,966	1,489,943	2,412,407	969.99	8,522.46
17	27,079,204	29,574,636	2,495,432	9.22	812,376	1,353,960	1,683,056	657.54	7,620.59
18	55,935,337	55,242,709	-692,628	-1.24	1,678,060	2,796,767	0	0.00	3,569.76
19	45,549,213	44,943,740	-605,473	-1.33	1,366,476	2,277,461	0	0.00	5,356.73
20	46,788,243	47,226,748	438,505	0.94	1,403,647	2,339,412	0	0.00	3,550.13
21	51,974,020	51,266,770	-707,250	-1.36	1,559,221	2,598,701	0	0.00	6,132.11
22	59,071,701	58,207,659	-864,042	-1.46	1,772,151	2,953,585	0	0.00	6,316.43
23	62,577,912	61,777,245	-800,667	-1.28	1,877,337	3,128,896	0	0.00	4,980.33
24	64,511,790	63,566,432	-945,358	-1.47	1,935,354	3,225,590	0	0.00	9,754.00
25	62,065,149	61,537,358	-527,791	-0.85	1,861,954	3,103,257	0	0.00	6,573.79
26	61,676,331	60,873,798	-802,533	-1.30	1,850,290	3,083,817	0	0.00	9,323.95
27	52,815,206	51,986,151	-829,055	-1.57	1,584,456	2,640,760	0	0.00	7,699.00
28	46,351,908	45,102,594	-1,249,314	-2.70	1,390,557	2,317,595	0	0.00	5,415.45
<b>Totals</b>	<b>1,379,200,615</b>	<b>1,398,361,160</b>	<b>46,422,279</b>	<b>3.37</b>				<b>7,315.35</b>	<b>189,723.33</b>

Gas Day	Renominations (kWh) (A)	Allocations (kWh) (B)	Scheduling Diff (kWh) (C) C = B - A	Scheduling % (D) D = C * 100/A	Tolerance (3%) (E) E = A * 0.03	Tolerance (5%) (F) F = A * 0.05	Scheduling Qty (kWh) (G) G = C - E	Charge (£)	Community Total Charge
29	29,219,541	27,540,061	-1,679,480	-5.75	876,586	1,460,977	802,894	219.34	8,004.22
30	26,469,201	23,699,967	-2,769,234	-10.46	794,076	1,323,460	1,975,158	802.45	6,162.76
31	54,879,486	55,896,103	1,018,617	1.86	1,646,385	2,743,974	0	0.00	3,995.00
Totals	1,379,200,615	1,398,361,160	46,422,279	3.37				7,315.35	189,723.33



## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM05

**Area of Reporting:** Shipper Operations

**Title of Report:** Shipper Imbalance

### 1. Brief Description:

This report shows the shipper's percentage imbalance net of NDM forecast deviation for each gas flow day in the month.

The aim of the table is to enable the shipper to compare their balancing performance with the rest of the shipper community over a month.

### 2. Details:

The report shows the shipper's total input and output allocations. The NDM forecast deviation is calculated as the difference between the end of day NDM renomination (on D) and the NDM allocation (on D+1).

The imbalance quantity is calculated as the difference between the input and output allocation less the NDM deviation. The imbalance quantity is expressed as a percentage of average throughput, calculated as the sum of total inputs and total outputs divided by two.

The community average imbalance percentage on the day is shown for comparison purposes. Also shown are the shipper and community average imbalance percentages for the month.

### 3. Distribution:

The report will be available on the Shipper Information Service database each month at M+30.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information Service database by M+30.

## Shipper Imbalance

SHIPPER A

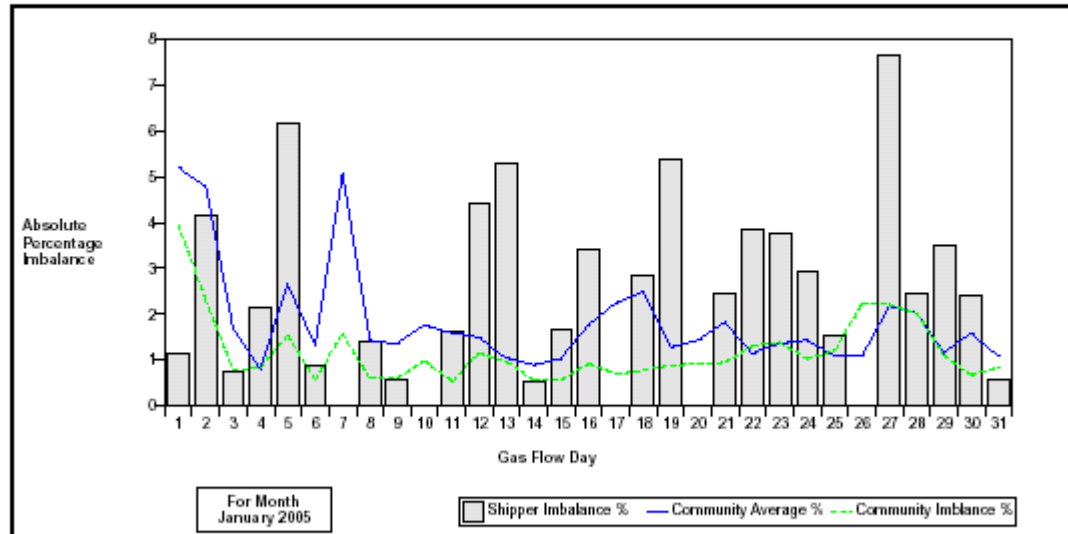
January 2005

Gas Day	Inputs (kWh)	Outputs (kWh)	NDM Fcast Deviation (kWh)	Imbalance Qty Inc. NDM Fcast Deviation (kWh)	Abs % Imbalance	Community Imbalance %	Community Avg %
1	173,716,861	227,141,215	-101,110	2,265,398	1.13	3.95	5.21
2	133,016,933	210,802,177	15,444	-7,128,560	4.15	2.31	4.81
3	146,052,884	210,846,787	37,981	-1,346,765	0.75	0.78	1.70
4	201,717,387	204,445,547	103,859	-4,342,775	2.14	0.83	0.81
5	219,120,595	199,808,258	-29,010	-12,952,661	6.18	1.53	2.65
6	209,528,719	201,754,124	53,979	-1,752,947	0.85	0.57	1.33
7	206,464,448	199,279,743	6,493	-27	0.00	1.57	5.07
8	192,220,181	195,963,461	-123,806	-2,725,769	1.40	0.59	1.42
9	198,527,012	213,455,285	-36,658	-1,145,863	0.56	0.60	1.35
10	213,409,565	203,615,927	45,386	-18	0.00	0.98	1.76
11	228,347,202	200,893,577	-62,452	-3,438,408	1.60	0.53	1.59
12	216,246,117	201,349,509	8,161	-9,213,791	4.41	1.14	1.49
13	238,630,060	204,501,794	161,136	-11,683,244	5.27	0.95	1.04
14	243,012,996	204,018,050	61,763	-1,137,917	0.51	0.55	0.89
15	215,662,941	193,068,521	-11,957	-3,358,097	1.64	0.57	1.02
16	208,642,886	202,095,060	-10,900	-7,032,201	3.42	0.91	1.75
17	208,277,821	209,042,211	71,522	9	0.00	0.68	2.23
18	236,205,635	214,293,944	29,417	-6,427,636	2.85	0.78	2.49
19	231,222,067	195,396,243	9,175	-11,513,415	5.40	0.87	1.28
20	209,924,221	187,696,344	-76,440	-22	0.00	0.92	1.43
21	225,225,699	185,135,717	83,405	-5,028,541	2.45	0.94	1.81
22	234,163,965	173,934,587	16,286	-7,812,636	3.83	1.31	1.14
23	244,477,050	186,810,093	80,137	-8,073,569	3.74	1.38	1.36
24	247,500,792	206,122,535	203,893	-6,633,230	2.92	1.02	1.43
25	253,094,372	204,432,401	182,126	-3,473,134	1.52	1.21	1.10
26	243,749,465	209,165,999	218,818	-137	0.00	2.23	1.07
27	223,092,390	205,840,908	84,520	-16,437,341	7.66	2.21	2.17
28	226,820,381	202,440,532	53,329	-5,221,466	2.43	2.01	2.02
29	206,316,657	200,861,090	17,887	-7,128,915	3.50	1.09	1.16
30	206,170,834	201,045,120	-61,181	-4,878,641	2.40	0.66	1.58
31	181,694,374	206,578,440	87,624	1,084,655	0.56	0.84	1.08
Average					2.36	1.18	1.85
Community Avg % does not include those shippers whose Abs % Imbalance > 189 % and/or throughput < 1 gWh							

## Shipper Imbalance Percentage

SHIPPER A

January 2005



Note : Community Average % is the arithmetic mean of all shipper Imbalance % on a day  
 Community Imbalance % =  $100 * \text{Sum}(\text{absolute shipper imbalances}) / \text{Sum}(\text{shipper throughputs})$



## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM06

**Area of Reporting:** Shipper  
Operations

**Title of Report:** Daily Cashout Quantities Report

### 1. Brief Description:

This report shows the amounts of the Shipper's imbalance quantity that exist within given tolerances and are subject to charges or payments.

It can be used to monitor the frequency and magnitude of imbalances that are cashed out.

### 2. Details:

The table in the report shows - on a daily basis - the Imbalance Quantity, the Imbalance Tolerance Quantity [ITQ] (both with and without the NDM Forecast Deviation), Cashout Quantities (for the two Phase 2 Imbalance Tranches), Payments or Charges, and finally the Community Total Payments and Charges for comparison purposes. It also gives the Absolute Tolerance Quantity [ATQ], which is currently set at 0 kWh for all Shippers. Prior to ATQ being set to 0 kWh on 1<sup>st</sup> April 2001, ATQ was set at 219600 kWh for all shippers.

The ITQ is now set to zero and therefore the ITQ inc. Forecast. Deviation column is always zero. No imbalances are now cashed out at SAP (SMP's are always used) and therefore the 1<sup>st</sup> Tranche @ SAP Qty column is also always zero.

If the imbalance is positive (i.e. the Shipper has delivered more gas into the system than they have taken out), then the additional gas is bought by National Grid. This gas falls into the Second Imbalance Tranche and is bought at the System Marginal Price [SMP] sell price for the day. This is shown as a payment to the Shipper.

If the imbalance is negative (i.e. the Shipper has under delivered into the system so their outputs are greater than their inputs), then the additional gas is sold by National Grid. This gas is sold at the System Average Price [SAP] for that day. This is shown as a charge to the Shipper.

### 3. Distribution:

The report will be available on the Shipper Information Service database each month at M+30.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information Service database by M+30.

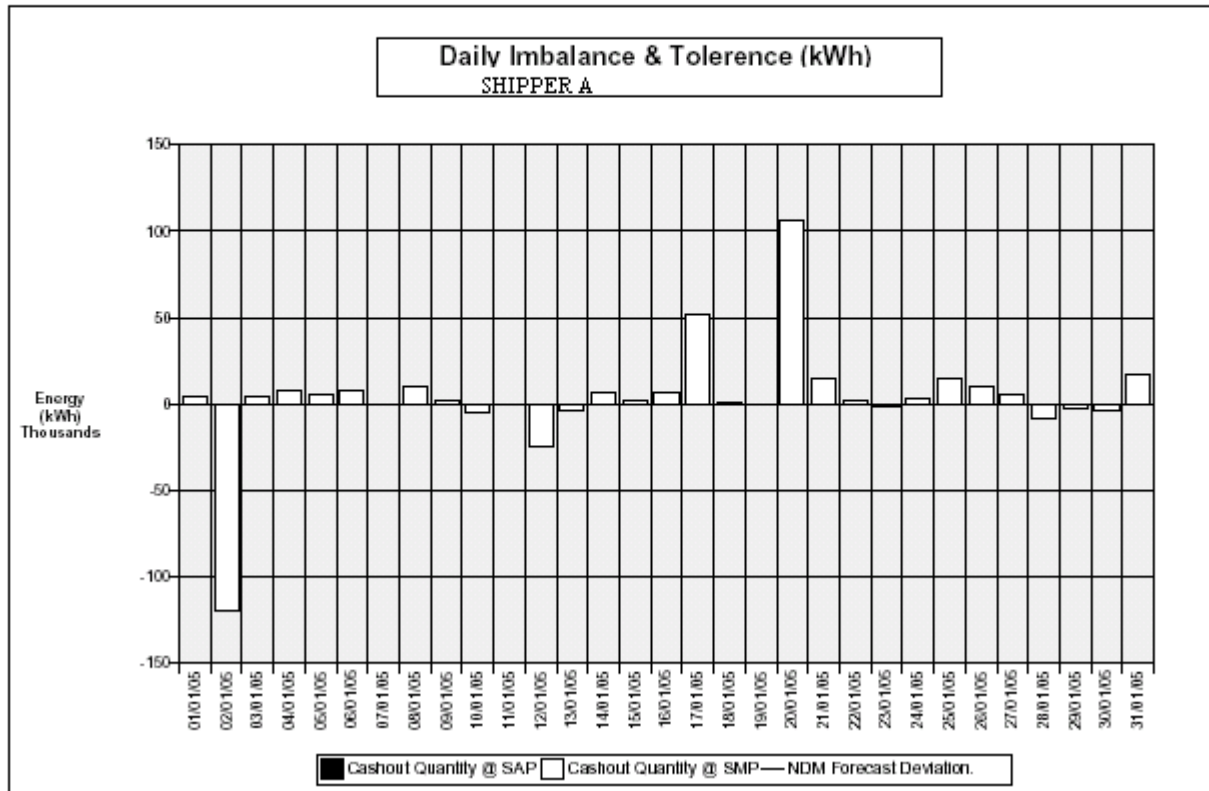
SHIPPER A

## Daily Cashout Quantities

January 2005

ATQ Value = 0 kWh

Gas Day	Imbalance Qty (kWh)	ITQ exc. NDM Fcast Deviation (kWh)	NDM Fcast Deviation (kWh)	ITQ inc. NDM Fcast Deviation (kWh)	1st Tranche @SAP Qty (kWh)	2nd Tranche @SMP Qty (kWh)	Charge / (Payment) (£)	Comm Total Payments(£)	Comm Total Charges (£)
01	382,258	0	0	0	0	382,258	(2,804)	(775,234)	374,402
02	(11,944,770)	0	0	0	0	(11,944,770)	126,352	(166,803)	814,514
03	373,636	0	0	0	0	373,636	(3,655)	(251,530)	228,009
04	793,869	0	0	0	0	793,869	(7,643)	(341,951)	162,227
05	543,966	0	0	0	0	543,966	(5,369)	(58,771)	682,567
06	763,631	0	0	0	0	763,631	(7,371)	(172,032)	82,429
07	4,407	0	0	0	0	4,407	(41)	(672,402)	17,162
08	969,787	0	0	0	0	969,787	(9,353)	(73,395)	441,049
09	238,447	0	0	0	0	238,447	(2,214)	(165,662)	63,227
10	(463,409)	0	0	0	0	(463,409)	4,443	(252,009)	20,604
11	(44,174)	0	0	0	0	(44,174)	444	(37,640)	289,583
12	(2,467,524)	0	0	0	0	(2,467,524)	24,621	(139,204)	345,407
13	(443,516)	0	0	0	0	(443,516)	4,528	(488,042)	338,936
14	667,315	0	0	0	0	667,315	(6,332)	(212,262)	166,065
15	190,294	0	0	0	0	190,294	(1,722)	(111,391)	102,630
16	680,486	0	0	0	0	680,486	(6,201)	(226,614)	129,413
17	5,172,188	0	0	0	0	5,172,188	(48,401)	(374,516)	23,624
18	83,752	0	0	0	0	83,752	(813)	(149,451)	215,238
19	15,460	0	0	0	0	15,460	(146)	(74,962)	294,941
20	10,668,098	0	0	0	0	10,668,098	(99,192)	(220,057)	286,879
21	1,468,304	0	0	0	0	1,468,304	(13,693)	(304,249)	83,960
22	174,275	0	0	0	0	174,275	(1,627)	(57,390)	483,926
23	(160,911)	0	0	0	0	(160,911)	1,688	(695,302)	203,545
24	342,150	0	0	0	0	342,150	(3,648)	(602,123)	209,191
25	1,483,931	0	0	0	0	1,483,931	(15,697)	(538,745)	107,681
26	974,556	0	0	0	0	974,556	(9,410)	(402,628)	134,214
27	525,097	0	0	0	0	525,097	(5,056)	(258,893)	373,455
28	(834,200)	0	0	0	0	(834,200)	8,289	(50,758)	249,387
29	(248,992)	0	0	0	0	(248,992)	2,485	(129,018)	317,084
30	(378,196)	0	0	0	0	(378,196)	3,768	(96,248)	230,187
31	1,736,206	0	0	0	0	1,736,206	(16,183)	(326,645)	50,600
Total							(£89,955)	(£8,425,926)	£7,522,136



## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM16

**Area of Reporting:** Shipper  
Operations

**Title of Report:** Monthly Balance Financial Position

### 1. Brief Description:

This report shows individual shippers key financial indicators throughout the month. It can be used to monitor the shipper's exposure to energy balancing shippers' charges.

### 2. Details:

The report shows the shipper's daily charges and payments: imbalance cashout, cumulative imbalance cashout, scheduling charges, unauthorised gas flow charges and payments, and PRI charges. The net total daily charge or payment is calculated.

The report also shows the shipper's month end charges and payments: month end cumulative imbalance cashout, and basic neutrality charges.

The grand total charge or payment is calculated.

### 3. Distribution:

This report will be available on the Shipper Information Service each month at M+30.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information Service database by M+30.

## Monthly Financial Position

01/12/2005 to 31/12/2005

Gas Day	Daily Imbalance Cashout Due Strippe(K)	Daily Imbalance Cashout Due National Grid Gas(K)	Entry Sched. Charge(K)	Exit Sched. Charge(K)	DNRA Exit Sched. Charge(K)	FB Charge(K)	Net Total(K)
1	0	130,124	0	-4.12	0	0	130,056
2	(69,890)	0	-4,537	1.27	0	0	(68,220)
3	(51,758)	0	0	70	0	0	(51,728)
4	(61,685)	0	341	2.38	0	0	(60,485)
5	(111,302)	0	0	2.28	0	0	(111,275)
6	(3,230)	0	589	706	0	0	(1,875)
7	0	548,719	15,458	7.04	0	0	564,881
8	0	350,980	4,042	5.28	0	0	356,447
9	0	357,854	5,405	7.82	0	0	364,041
10	(35,717)	0	53	300	0	0	(35,274)
11	0	9,585	0	8.11	0	0	9,376
12	(121,651)	0	0	200	0	0	(121,350)
13	(67,549)	0	1,246	606	0	0	(65,904)
14	0	148,974	13,272	4.20	0	0	162,667
15	0	111,099	35	200	0	0	111,404
16	0	8,229	0	352	0	0	8,411
17	(257,170)	0	187	361	0	0	(256,621)
18	(109,240)	0	90	-4.49	0	0	(108,821)
19	(100)	0	1.11	3.55	0	0	3.14
20	(3,102)	0	0	3.43	0	0	(2,759)
21	(739)	0	169	1,114	0	0	403
22	(114,568)	0	0	7.31	0	0	(114,237)
23	0	100	4,149	4.05	0	0	4,057
24	(97,483)	0	2,899	50	0	0	(94,535)
25	(23,977)	0	-4,707	2.18	0	0	(19,052)
26	0	32,605	2,354	950	0	0	35,119
27	0	117,489	1,576	72	0	0	119,138
28	0	76,669	258	-40	0	0	76,876
29	(1,180)	0	1,592	906	0	0	607
30	(525)	0	307	1.52	0	0	(503)
31	(111,832)	0	2,345	3.72	0	0	(109,115)
<b>Total</b>	<b>(1,273,184)</b>	<b>1,892,408</b>	<b>66,533</b>	<b>12,039</b>	<b>0</b>	<b>0</b>	<b>627,796</b>

**Balancing Neutrality Charges (61,734)**

**CF Cashout Imbalance 0**

## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM24

**Area of Reporting:** Shipper  
Operations

**Title of Report:** Balancing Neutrality

### 1. Brief Description:

This report shows the balancing neutrality charges (or rebates) for the shipper for each day of the month. The report relates to the Balancing regime under Phase 2 of the Uniform Network code.

The aim of the table is to enable the shipper to monitor the amount of balancing neutrality charges through the month.

### 2. Details:

The report shows the rate for the day (and whether the rate is capped), the shipper's inputs and outputs for each day, and the resulting Balancing Neutrality charge (or rebate).

The Unit Daily Neutrality Amount is calculated as the neutrality amount for the day divided by the sum of system inputs and outputs. The neutrality amount for the day includes balancing charges or revenues, imbalance cashouts, scheduling charges, unauthorised gas flow charges and other adjustment amounts described in section 7.F 4.5.3 of the Uniform Network code.

A flag shows whether the rate has been capped. In phase 2, the rate is capped at 0.01p/kWh where this would result in a payment to National Grid. Any shortfall is carried forward and added to the neutrality amount for the following day.

The rate is multiplied by the sum of the shipper's inputs and outputs on the day to give a charge or payment.

The total charges and payments for the month are also shown.

### 3. Distribution:

The report will be available on the Shipper Information Service Database each month at M+30.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information Service at M+30.

## Balancing Neutrality

SHIPPER A

For the Period		01/01/2005 to 31/01/2005				
Gas Day	Rate p/kWh	Cap Flag (Y/N)	Total Outputs	Total Inputs	Charge (£)	Rebate (£)
01	0.0029740122	N	0	34,185,454	1,016.68	0.00
02	-0.0080198007	N	0	26,933,332	0.00	-2,160.00
03	0.0001119968	N	0	25,056,205	28.06	0.00
04	0.0022180919	N	0	26,419,468	585.48	0.00
05	-0.0080645125	N	0	28,676,022	0.00	-2,312.58
06	0.0010309496	N	0	28,017,697	288.85	0.00
07	0.0090015288	N	0	26,598,364	2,394.26	0.00
08	-0.0052716373	N	0	26,277,403	0.00	-1,385.25
09	0.0012310191	N	0	25,497,278	313.88	0.00
10	0.0015937587	N	0	33,737,801	537.70	0.00
11	-0.0037189737	N	0	34,128,231	0.00	-1,269.22
12	-0.0028367972	N	0	33,029,222	0.00	-936.97
13	0.0016594334	N	0	33,468,843	555.39	0.00
14	0.0004688899	N	0	31,779,354	148.31	0.00
15	-0.0000824092	N	0	30,332,957	0.00	-25.00
16	0.0011420744	N	0	24,178,447	276.14	0.00
17	0.0034974122	N	0	18,258,353	638.57	0.00
18	-0.0009211214	N	0	24,705,976	0.00	-227.57
19	-0.0029359664	N	0	27,167,803	0.00	-797.64
20	-0.0010568152	N	0	20,016,828	0.00	-211.54
21	0.0026538610	N	0	16,678,717	442.63	0.00
22	-0.0068089317	N	0	25,057,673	0.00	-1,404.97
23	0.0058401508	N	0	25,790,294	1,506.19	0.00
24	0.0027605493	N	0	25,643,826	707.91	0.00
25	0.0025986280	N	0	28,632,198	744.04	0.00
26	-0.0049189379	N	0	22,713,097	0.00	-1,116.79
27	-0.0070434756	N	0	25,525,375	0.00	-1,797.87
28	-0.0089510817	N	0	30,831,207	0.00	-2,759.73
29	-0.0027257459	N	0	30,771,784	0.00	-838.76
30	-0.0019788986	N	0	28,838,312	0.00	-570.68
31	0.0034952039	N	0	29,589,146	1,034.20	0.00

## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM25

**Area of Reporting:** Shipper  
Operations

**Title of Report:** Entry Capacity Booking

### **1. Brief Description:**

This report shows the shipper's capacity overrun at an entry point (terminal or storage facility) during the month. It can be used to monitor the shippers overrun charges.

### **2. Details:**

The report shows, by ASEP, the shipper's net capacity (including Long Term Firm, Long Term Interruptible, Daily Firm, Daily Interruptible and Traded), the allocated flow, overrun quantity and overrun percentage.

Overrun quantity is the amount by which the allocated flow exceeds the net capacity on the day. The overrun quantity is also expressed as a percentage of the net capacity.

### **3. Distribution:**

This report will be available on the Shipper Information Service database each month at M+30.

### **4. Production Schedule:**

The report will be produced and published to the Shipper Information Service Database at M+30.



## Entry Capacity Booking

SHIPPER A  
TERMINAL 1

JANUARY 2005

All figures in kWh

Gas Day	LTF Capacity	DF Capacity	DI Capacity (Scaled)	Firm Trade Capacity	Interruptible Trade Capacity (Scaled)	DB Capacity	Net EOD Capacity	Total Allocation	Overrun
01/01/2005	27,535,413	0	0	0	0	0	27,535,413	16,126,302	
02/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,802,109	
03/01/2005	27,535,413	0	0	8,792,130	0	0	36,327,543	35,567,295	
04/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,771,137	
05/01/2005	27,535,413	0	0	20,514,970	0	0	48,050,383	47,283,051	
06/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,715,442	
07/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,633,220	
08/01/2005	27,535,413	0	0	0	0	0	27,535,413	24,371,189	
09/01/2005	27,535,413	0	0	0	0	0	27,535,413	22,298,152	
10/01/2005	27,535,413	400,000	0	0	0	0	27,935,413	27,003,567	
11/01/2005	27,535,413	0	759,542	0	0	0	28,294,955	27,033,706	
12/01/2005	27,535,413	0	3,231,854	0	0	0	30,767,267	27,505,929	
13/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,820,373	
14/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,749,609	
15/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,711,137	
16/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,656,067	
17/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,709,817	
18/01/2005	27,535,413	0	0	0	0	0	27,535,413	25,316,206	
19/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,596,692	
20/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,779,956	
21/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,771,623	
22/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,622,456	
23/01/2005	27,535,413	0	0	0	0	0	27,535,413	7,992,871	
24/01/2005	27,535,413	0	3,011,931	0	0	0	30,547,344	9,085,510	
25/01/2005	27,535,413	0	3,019,554	0	0	0	30,554,967	11,938,372	
26/01/2005	27,535,413	0	2,562,745	0	0	0	30,098,158	28,987,248	
27/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,956,901	
28/01/2005	27,535,413	0	111,907	0	0	0	27,647,320	27,062,248	
29/01/2005	27,535,413	0	0	0	0	0	27,535,413	26,935,304	
30/01/2005	27,535,413	0	0	0	0	0	27,535,413	17,196,780	
31/01/2005	27,535,413	0	0	0	0	0	27,535,413	14,901,203	
<b>Total</b>	<b>853,597,803</b>	<b>400,000</b>	<b>12,697,533</b>	<b>29,307,100</b>	<b>0</b>	<b>0</b>	<b>896,002,436</b>	<b>770,901,472</b>	

## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM26

**Area of Reporting:** Shipper  
Operations

**Title of Report:** Extent of Capacity Trading

### **1. Brief Description:**

This report shows the extent to which the shipper has traded entry and firm DM exit capacity during the month. It can be used to monitor the shipper's entry and exit capacity trading activity. Storage space and deliverability capacity trading are not included in this report.

### **2. Details:**

The report shows the number of requests, offers and deals for normal (not prearranged) trades, and the number of deals for prearranged trades for each shipper over the month.

### **3. Distribution:**

This report will be available each month on the Shipper Information Service database at M+15.

### **4. Production Schedule:**

The report will be generated and published to the Shipper Information Service Database at M+15.

Extent of Capacity Trading

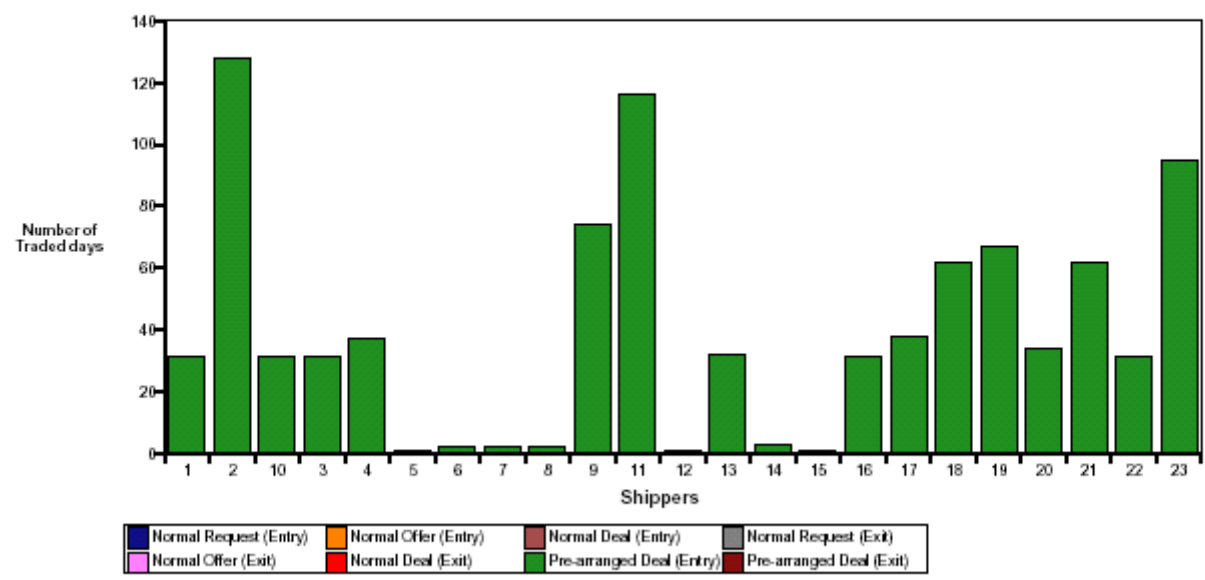
January 2005

Shipper I.D.	Entry Normal Trade Request	Entry Normal Trade Offer	Entry Normal Trade Deal	Exit Normal Trade Request	Exit Normal Trade Offer	Exit Normal Trade Deal	Entry Pre-arranged Trade Deal	Exit Pre-arranged Trade Deal
1	0	0	0	0	0	0	31	0
2	0	0	0	0	0	0	128	0
3	0	0	0	0	0	0	31	0
4	0	0	0	0	0	0	37	0
5	0	0	0	0	0	0	1	0
6	0	0	0	0	0	0	2	0
7	0	0	0	0	0	0	2	0
8	0	0	0	0	0	0	2	0
9	0	0	0	0	0	0	74	0
10	0	0	0	0	0	0	31	0
11	0	0	0	0	0	0	116	0
12	0	0	0	0	0	0	1	0
13	0	0	0	0	0	0	32	0
14	0	0	0	0	0	0	3	0
15	0	0	0	0	0	0	1	0
16	0	0	0	0	0	0	31	0
17	0	0	0	0	0	0	38	0
18	0	0	0	0	0	0	62	0
19	0	0	0	0	0	0	67	0
20	0	0	0	0	0	0	34	0
21	0	0	0	0	0	0	62	0
22	0	0	0	0	0	0	31	0
23	0	0	0	0	0	0	95	0
TOTAL	0	0	0	0	0	0	912	0

Shipper not having Trading Capacity

Extent of Use of Capacity Trading

January 2005



## SHIPPER OPERATIONS REPORT FORMAT DESCRIPTION

**Report No:** SORM31

**Area of Reporting:** Shipper  
Operations

**Title of Report:** NTS Exit Capacity Booking

### 1. Brief Description:

This report lists by Zone, the shippers exit capacity, total allocation and allocation in excess of capacity.

### 2. Details:

The report lists by zone the shipper's daily net capacity (for the month). This is the booked capacity, net of any capacity trades for the day. It also shows the daily allocated flow (for the month) attributable to the shipper. Allocation in excess of capacity quantity is the amount by which the allocated flow exceeds the booked capacity on the day for a given Exit Zone(s) for Firm DM Supply Points or relevant NTS Connected System Exit Points.

### 3. Distribution:

This report will be available each month on the Shipper Information Service database at M+15.

### 4. Production Schedule:

The report will be generated and published to the Shipper Information Service database at M+15.

SHIPPER A

OUTPUT POINT 1

### Exit Capacity Booking

Gas Day	Net Capacity (kWh)	Total Allocation (kWh)	Allocation In Excess of Capacity (kWh)
1	26,800,000	22,601,458	
2	26,800,000	22,569,742	
3	26,800,000	22,565,188	
4	26,800,000	22,622,485	
5	26,800,000	22,587,350	
6	26,800,000	22,546,815	
7	26,800,000	22,249,744	
8	26,800,000	22,544,544	
9	26,800,000	22,196,884	
10	26,800,000	22,398,604	
11	26,800,000	22,386,956	
12	26,800,000	22,566,025	
13	26,800,000	22,533,911	
14	26,800,000	22,376,121	
15	26,800,000	22,211,624	
16	26,800,000	22,453,313	
17	26,800,000	22,483,327	
18	26,800,000	22,563,462	
19	26,800,000	22,488,278	
20	26,800,000	22,433,287	
21	26,800,000	22,634,850	
22	26,800,000	22,588,484	
23	26,800,000	22,573,872	
24	26,800,000	22,621,425	
25	26,800,000	22,755,226	
26	26,800,000	23,780,229	
27	26,800,000	22,967,592	
28	26,800,000	22,796,289	
29	26,800,000	23,189,713	
30	26,800,000	23,114,170	
31	26,800,000	22,463,544	
<b>Totals</b>	<b>830,800,000</b>	<b>700,854,512</b>	