# SHARED SUPPLY METER POINTS GUIDE AND PROCEDURES

Version	Date	Reason for Change
13.2	03 March 2011	Updated to bring in line with UNC documentation and to update contact details and remove Transco and replace with Transporter or National Grid UKT where appropriate
13.1	01 May 2005	

#### **Document Control**

#### **Development of the Guidelines**

The requirement to publish Network Code Shared Supply Meter Point Guide and Procedures is specified in Section G1.7 .16 of the Transportation Principal Document (TPD) of the Uniform Network Code (UNC). This section also provides for the document to be revised from time to time (subject to prior approval by Panel Majority of the Uniform Network Code Committee).

- 1. The procedures contained and specified within the document include; the end to end processes, timings and role and responsibilities for parties involved
- 2. The document provides procedures that the Network Operators, Sharing Registered Users and the User Agents shall comply with.
- 3. The document set out below meets the Transporter's obligation to prepare guidelines, while the Document Control Section records changes, which have been made to the guidelines. The document is published on the Joint Office of Gas transporters website, <u>www.gasgovernance.co.uk</u>.
- 4. The Transporters would welcome comments from Users on the published document at any time, which should be sent to <u>enquiries@gasgovernance.co.uk</u>. In accordance with the UNC, the Transporters will put any revisions they propose should be made to the document to the Uniform Network Code Committee for approval.

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# Introduction

Shared Supply Meter Points (SSMPs) are sites where there can be more than one Registered User, with different supply types, through one or more meter points and due to the complexities of the processes are managed outside of UK Link but feed into Gemini for daily gas balancing and NTS capacity.

The booklet provides details of the business rules and administrative procedures that govern SSMPs covered under Uniform Network Code (UNC) Transportation Principal Document (TPD) G1.7 but should not be taken as a replacement for UNC rules. For further clarification of the exact provisions, refer to the UNC.

The aim of the document is to set out the processes in terms that Users and Transporters can follow to allow these sites to be managed on a day to day basis to meet UNC obligations.

# 1. Uniform Network Code Basis and Rules

Conventional UNC supply points, administered on UK Link, can consist of one or more supply meter points but can only have one Registered User and Supply Type confirmation at any one time.

UNC rules for Shared Supply Meter Points allows for more than one Registered User with both Interruptible and Firm Supply Types at any one time.

In order for a supply point to qualify for Shared Supply Meter Point status, it must comply with certain criteria detailed in UNC TPD, section G1.7. In summary, these are:

I. a supply point which at the 1<sup>st</sup> march 1996 was comprised in more than one supply point; or

the following conditions are all satisfied:

- II. The supply point aggregate AQ quantities exceeds 58,600,000 kWh (2,000,000 therms);
- III. Every other Supply Meter Point comprised in any relevant Supply point is also a Shared Supply Meter Point subject to the same basis of apportionment;
- IV. There is no NDM Supply Point Component of any relevant Supply Point;;
- V. The supply point must not contain any sub-deduct arrangements; and
- VI. The supply point must comply with the single premise requirement.

The end-to-end operation of Shared Supply Meter Points shall be described in further detail in the relevant sections of the guide.

# 2. Setting Up Of SSMPS

## 2.1 Summary

Shared Supply Meter Points are administered outside of UK Link and therefore transactions are not conducted through the Information Exchange (IX) electronic link but via conventional notification.

In practice, this requires the completion of paper Supply Point Nomination and Supply Point Confirmation forms, with notification of daily meter readings issued by the DMSP via fax. Metering Equipment updates are also sent by the User to the Transporter using conventional notification

In respect of the UNC rules concerning Supply Point Administration, Shared Supply Meter Points operate within the same framework with some exceptions:

- [i] A Supply Point Nomination for a newly requested Shared Supply Meter Point requires two months notice before the requested effective date (UNC TPD G1.7.10)
- [ii] If the submission of a Supply Point Nomination pursuant to [i] results in a Transportation Offer which the sharing Users then wish to confirm, this Supply Point Confirmation must allow twenty working days notice until the requested effective date (UNC TPD G1.7.10).

The above extensions to standard time scales allow Transporters to set up the relevant off-line activities in order to be able to operate the Shared Supply Meter Point.

For supply points that currently operate as Shared Supply Meter Points, the notification time scales are as "normal" supply point UNC rules, as covered in Section G of UNC TPD.

Shared Supply Meter Points can be connected to the National Transmission System (NTS) or to an LDZ within a Distribution Network (DN).

NTS connected sites and some LDZ sites have telemetry equipment fitted for the capture of daily measurements and are managed for this purpose by National Grid Transmission (UKT).

The majority of LDZ sites are non-telemetered and have datalogger equipment installed by the Daily Metered Service Provider (DMSP). The remaining daily processes are managed by xoserve, the Transporters' Agency, who also deal with invoicing, reconciliation and metering activities for all sites. This includes the

calculation of metering equipment and data logger Provision, Installation and Maintenance (PIM) charges.

Each registered User at a SSMP is given a Logical Meter Number (LMN) in place of a confirmation number, which is also used in Gemini for daily gas balancing and allocation purposes.

All activities for Daily Metered sites are applicable in Gemini.

There are two processes to manage daily gas allocations; a Transporter Service or User Agent Service, which require different SPA Nomination forms. Further details on these services can be found in Section 3 of this document. If further information is required, see contact details Section 10.

NTS Exit capacity transitional arrangements applicable until 30<sup>th</sup> September 2012:

For directly connected DM sites, a snap shot is taken from Gemini on the  $10^{\text{th}}$  of the month and applied from the  $15^{\text{th}}$  of the current month to the  $14^{\text{th}}$  of the following month. For DM CSEPs, where each User books NTS capacity – see Transitional Document IIC Section 9.2. (See UKT contact details below for further information on booking NTS Exit Capacity).

Optional tariff is also available to eligible sites; further details can be found in UNC TPD Section B1.8(d).

Unless otherwise stated xoserve, as the Transporter Agency, carries out all the relevant Transporter activities for Shared Supply Meter Points.

All relevant Transportation charges apply, which includes administration charges, Metering and datalogger charges (where applicable). Please refer to each Transporter's and Meter Asset Manager's current Charging Statements for further details.

# **2.2** Procedures - applies to both Transporter and User Agent Services

#### Time scales

Users/User Agent sends SSMP (T) or (A) Nomination forms to Transporter. All Users party to the nomination sign. 2 Months notice for new SSMP



Transporter sends transportation offer or nomination rejection to Users by letter and fax and an acknowledgment/rejection fax to the User Agent if applicable.

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Users/User Agent submit confirmation notice SSMPCI(T) or (A).

15 Working days (20 if a change in the shared Users) until requested effective date.

## 2.2 Set Up Of SSMPS

Withdrawal notice is sent by letter & fax to incumbent User(s) by Transporter (if necessary). Incumbent User(s) may object within seven days of receipt of notice. Incoming User/s will be advised of this and the confirmation will lapse if this objection is not cancelled by the incumbent by the seventh day after issue of the withdrawal notice.

#### Time scales

14 Working days prior to effective date.

**↓** 

Transporter informs Users/agent of Logical Meter Numbers if no objection or objection withdrawn from incumbent User. D-2 at latest.

# **3. Daily Operations: Nominations, Measurements and Allocations**

### 3.1 Summary

The SSMP gas allocation processes operates following receipt of meter readings/measurements on D+1, which are aggregated at site level to an energy value then allocated to each Registered User, which is based on an agreed allocation methodology for Transporter managed sites, or by a Users Agent.

The energy allocation is aligned to the User's LMN, which is a "unique" identifier in Gemini that represents a pseudo confirmation number for a SSMP.

The LMN is also used by Users for the daily Gas Nomination purposes.

National Grid UKT operates the telemetered allocation process and xoserve the Transporters datalogger allocation process

The daily allocation process can be carried out through the Transporter Service or User Agent Service:

Transporter Service:

The User will define an allocation methodology at the point of Confirmation which is then applied daily between the LMNs of the Sharing Registered Users.

This may be provided on a percentage basis, or alternatively a tranche bases

Percentage based can be used for sites that are: NTS Offtakes Wholly Firm supplies

Tranche based can be used for sites that are: NTS Offtakes Wholly Firm supplies Firm/Interruptible supplies Interruptible supplies

Example of Tranche split: Up to the first 1,000 kWh is allocated to User X 1,001 kWh and above is allocated to User Y. [ii] User Agent Service

This service allows the appointment, by the Sharing Users, of a User Agent whose role is to receive notification on a daily basis from the Transporter of the aggregate offtake quantity of the Shared Supply Meter Point for the previous Gas Day.

The User Agent must then return notice to Transporter of the allocation between the Sharing Users (by LMN) of that aggregate offtake by 16:00 on D+1

The User Agent Service allows the Sharing Users to change their allocation methodology on a daily basis.

The Transporter Service allows restricted amendments (see Section 6 below)

#### **3.2 Procedure for Telemetered Sites (NTS) - Agent Service**



# **3.3 Procedure for Telemetered Sites (NTS) - Transporter Service**



\* Nominations can be input into Gemini on daily basis from D-35 to 14:30 on D-1

# **3.3 Procedure for Telemetered Sites - Transporter Service** (continued)

#### Time scales

UKT faxes any offtake measurement changes to Users.

D+I to D+5

Gemini auto re-allocates as per new measured offtake quantity,

D+5 No Later than 1600hrs

### 3.4 Procedure for non - telemetered DN SSMP sites - Agency Service Time scales

xoserve set-up LMNs within Gemini, UKT set live, xoserve confirms with Agent

At latest, 2 business days prior to live activity



Set up before 1200hrs on D-1 Noms before 14:30hrs on D-1 Re noms from 14:30 to 04:00 on D

¥

UKT faxes total site meter reading to User Agent

D+1 1130 hrs

# **3.4 Procedure for non - telemetered DN SSMP sites- Agency Service (continued)**

#### Time scales

User Agent allocates Offtake energy between Users and faxes information to National Grid (UKT).

If User Agent allocation is not received, Gemini allocates measured quantity using default and advises User Agent by fax that default has been applied?

D+1 after 1400 hrs

D+I

1400 Hrs

¥

UKT validates User Agent allocation against measured offtake quantity.

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UKT input allocations onto Gemini.

D+I by 1600 Hrs

# **3.4 Procedure for non - telemetered DN SSMP Sites – Agency Service (continued)**

#### <u>Time scales</u>

D+I

Where changes to meter readings occurs within D+5, the Transporter will advise the User(s).

Transporter faxes any changes

to energy to User Agent.

# ↓

User Agent revises allocations and advises UKT by fax, giving reason if revising allocation.

Any Day by 1130 hrs but not later than 1130 hrs on D+5

By 1400 hrs each day a change has been notified, but not later than 1400 hrs on D+5.

UKT Inputs revised allocations into Gemini.

By 1600 hrs each day but not later than 1600 hrs on D+5.

### 3.5 Procedure for DN SSMP Sites – Transporter Service Time scales

Transporter sets up At latest, 2 business days LMN(s) in Gemini and prior to live activity confirms to the User(s). User(s) sets up activity and inputs nomination/ D-I Noms before 1300 hrs re-nomination onto Gemini. Re noms before 17:30 hrs Transporter's Daily Meter Service Provider D+I By 1100hrs (DMSP) faxes meter reading to all registered Users. DMSP provides meter readings D+I to Transporter By 1100hrs D+I Transporter allocates energy

by 1100 hrs

# **3.5 Procedure for DN SSMP Sites - Transporter Service** (continued)

#### Time scales



# 4. Interruption

### 4.1 Summary

Uniform Network Code allows interruption for a variety of reasons:

- [i] on a day which there is, or the Transporter anticipates there may be, a relevant Transportation Constraint; or
- [ii] To allow testing of interruption capability

The operation of interruption at a Shared Supply Meter Point is different to that operated for conventional supply points in that two supply types may be registered at the SSMP (Firm and Interruptible).

Where an SSMP is subject to an Interruption request, this will apply to the Interruptible element of the supply. If the SSMP includes a Firm element, the site can continue to use gas up to the registered capacity booked against its Firm supply point element.

This gas may be passed through any physical meter within the SSMP Supply Point, as long as the aggregated flow does not exceed the firm capacity allowed.

On a day of interruption, it is essential that interruptible supply point ceases to use gas with effect from the interruption start time.

Any gas allocated after the Gas Day above the firm capacity allowance will be deemed as a Failure to Interrupt, and will attract the appropriate charges. The end user could also be isolated for the period if Transporter considers that system safety is at risk.

#### **4.2 Procedures**

#### Time scales

Relevant Transporter notifies User (interruptible supply points only) and User Agent (if applicable) of interruption requirement with a minimum of five hours notice.

Users and User Agent (if applicable) acknowledge to

Transporter receipt of notice

Not less than 5 hours notice

Within 30 minutes of issue of notice

Users and User Agent (if applicable) confirm that interruption has or will take place

Transporter notifies User and Agent (if applicable) of restoration

Not later than 5 hours after issue of notice

As soon as possible

# 5. Pricing and Invoicing

### 5.1 Summary

The Transportation Charges for SSMPs are set out in the Transporter's Transportation Charging Statements and Metering Charging Statements.

With the exception of NTS Exit Capacity and Optional Tariff (Shorthaul) charges calculated in Gemini; all other charges are issued as part of the Unique Sites invoicing processes through Ad Hoc Billing; with supporting documentation sent via the IX on the same day.

Rates are calculated at the aggregate of the supply points within the SSMP but charges are calculated using each User's nominated SOQ and daily energy quantities.

In addition, SSMP are subject to administration charges comprising a set-up charge and a daily charge, which are applied to each Registered User at the SSMP.

NTS Exit Capacity charges are invoiced as part of the Exit Capacity invoices issues the 4<sup>th</sup> business day of the month

All LDZ charges, NTS Commodity and admin charges are invoiced on the 8<sup>th</sup> business day of the month

Metering and Data Logger charges on the 12<sup>th</sup> business day,

Reconciliation and Adjustment charges on the 18<sup>th</sup> business day,

Optional Tariff (Shorthaul) issued 19<sup>th</sup> Business day.

# 6. Contractual Modification

## 6.1 Summary

Various changes can be made to an existing Shared Supply Meter Point arrangement but may be restricted in the frequency and notice period. Each of the following changes need to be communicated to Transporter by completion of an appropriate set of nomination forms highlighting, where relevant, that the change is a modification to an existing agreement.

#### 6.2 Frequency & Notice Periods

Type of Change	Notification Period	<u>Limit of one</u> <u>Change</u> Every 30 days
Change SOQ between Users No change in site aggregate or Firm / interruptible split.	8 or 15 Days from Confirmation	Yes
Change in SOQ between Users -increase in site aggregate or - change in firm/interruptible	Transportation offer produced within 14 days, - plus 8 or 15 days from confirmation	Yes
Change in User Agent, or Change Transporter Service to User Agent Service, or User Agent Service to Transporter Service.		Yes
Change in contact details		No
Change allocation methodology		Yes
Change allocation methodology for default on Transporter Services.		Yes



# 7. Frequently Asked Questions

# Q. Who can be appointed as a User Agent? Are there any criteria the potential User Agent must fulfil?

**A**. The Allocation Agent can be a User, an end user or a third party that all Registered Users at the SSMP deem capable of performing their activities. UNC does not specify any further criteria but failure of the User Agent to perform required functions can result in certain UNC penalties.

# Q. What happens if the User Agent does not submit the allocation or the allocations are incorrect?

**A**. At the time of confirmation the Sharing Users submit a default allocation proforma which is applied if allocations are not provided by 15:30 on D+1. The system will calculate these based on default allocations against nominations or if the nominations are zero default allocations against supply point capacity.

Failure to submit the allocation on 13 occasions within a gas year will result in the Shared Supply Point being deemed to the Transporter Service charges.

# Q. Can the time scales for set up of Shared Supply Meter Points and Confirmation be shortened?

A. Not in the case of a confirmation; as the timings are defined within UNC. The two month set up period is a maximum lead time, if circumstances allow this may be shortened but xoserve reserve the right to request the full two months notice.

#### Q. What are the benefits of Transporter and Agent Service?

**A.** Shared Supply Meter Point requires the daily gas allocation to take place on D+1.

The Transporter service is based a fixed allocation agreement as per the methodology notified at the point of nomination. The advantage to this service is, Users do not have to communicate with the Transporter on a daily basis but the allocation methodology can only be changed once every 30 days with 7 working days notice.

User Agent service relies on a third party, appointed by the Sharing Registered Users to inform the Transporter of the daily gas allocations on D+1 (or within D+5). This allocation methodology can be altered on a daily basis to meet Users

requirements. In addition User Agent service Shared Supply Meter points are subject to lower administration charges.

The Agent service is a requirement if the Sharing Registered Users wish to apply for a Partial Interruption Service at the Shared Supply Meter Point.

The disadvantage and risk is that Users are relying on a third party to ensure the correct allocations/measurements are in Gemini before Exit Close Out.

#### Q. What is a Logical Meter Number?

**A**. A Logical Meter Number (LMN) is equivalent to a confirmation number and also used in Gemini for daily gas allocations and gas nominations. The physical meter flows, at energy level, are allocated between using each Users LMN:

For NTS Offtakes this will be of the format: ATVLDMCxxx

For LDZ Offtakes, this will be of the format: ATRTSxxxxx

#### Q. How can we obtain information about a current Unique Site?

**A**. In the same way that a User can submit a supply point enquiry for a site on SPA, a User can submit an enquiry for a Shared Supply Meter Point.

This is initiated by contacting the Transporter Agent; xoserve SPA team (contact details in section 10); providing address details of the site in question.

Address details of current Shared Supply Meter Points are detailed in the cover of the M number disk.

# 8. Glossary

Allocations: The allocation of energy to between Registered Users, based on the sharing arrangements agreed at the point of confirmation or by the Users Agent; based on the total daily measured gas flows and used for energy balancing and commodity billing purposes.

**AQ:** Annual Quantity for DM sites is based on the previous 12 months consumption of the Supply Point.

**B2K (Ad-hoc) Invoice:** An invoicing process used to produced invoices not covered in UKL or Gemini.

**Confirmation Number:** a numeric reference assigned to a Supply Point managed on xoserve's Sites & Meters system, which changes each time a supply is confirmed. The reference is used on Gemini for Daily Metered supplies.

**Daily Metered (DM) CSEP:** Connected System Exit Point. A Connected System Exit Point is a System Point owned and operated by an Independent Gas Transporter/ Connected Systems Operator (IGT/CSO), exiting either the NTS or LDZ.

**Daily Energy Balance:** User inputs and outputs are balanced at the end of each "gas flow day" and the appropriate balancing charges are calculated.

**Datalogger:** A capture device that automatically records, stores and transmits metering equipment readings to the DMSP.

**DM:** Daily Metered supply point whose consumption is measured and used each day for energy balancing and commodity billing purposes.

**Firm Supply:** A supply type whereby gas can be offtaken every day of the year without interruption up to the maximum daily offtake registered.

**Gas Nomination:** A pre gas day notification of intended gas consumption for a gas day. Nominations can be completed in Gemini from D-35 to 14:30 on D-1.

**Gemini:** The system used for energy balancing, Entry and Exit Capacity and other NTS processes.

**Interruptible Supply:** A supply type where interruption of the offtake of gas can take place on the Users or the Transporter's instruction (DNs).

Kilowatt Hour (kWh): The unit of energy; approximately 0.0341 therms.

**LDZ:** Local Distribution Zones are pipelines (other than the NTS) owned and operated by the relevant Transporter);

Meter Point Reference Number (MPRN): A point of connection from the end of the Transporter pipe line to meter connection.

NTS: National Transmission System owned by National Grid is a High pressure system consisting of, terminal input points, compressor stations, pipeline systems, directly connected sites (including Storage) and LDZ Offtakes. The NTS is designed to operate at pressures up to 95 barg.

**SNI:** User Nominated Interruptible. A supply type which can be interrupted by Transporter for up to 45 days in each gas year.

**SHQ:** Supply Hourly Quantity. The maximum hourly allowed off-take rate at a supply point.

**SOQ:** Supply Point Offtake Quantity. The maximum daily allowed off-take at a supply point. For NTS Offtakes, this must equal 24 times the SHQ.

**SPA:** Supply Point Administration is the process managed through UKL suite of systems by which Transporters maintain the records of every Supply Point within the UK and also holds User contractual details.

Supply Point Nomination: a request made by a User to gain ownership of a site

Supply Point: A group of one or more Meter Points at a site.

**Telemetry:** A capture devise to record instantaneous flow.

**Transporter Agent/Agency** – refers to xoserve who have an Agency Service Agreement with each Transporter to carry out certain UNC obligations (Transporter Agency Activities) on their behalf (see UNC TPD V6.5).

#### Large Transporters:

**National Grid Transmission (UKT):** operate the National Transmission System (NTS).

**National Grid UK Distribution (UKD):** operate LDZs of WM, EA, EM, NT and NW.

Wales & West Utilities: operate LDZs of WN, WS and SW.

Northern Gas Networks: operate LDZs of NO and NE

Scotland Gas Networks: operate LDZs of SC, LO, LS, LC, LT, LW

Southern Gas Networks: operate LDZs of SE and SO.

**TNI:** Transporter Nominated Interruptible. A supply type which the Transporter can interrupt for more than the standard 45 days in each gas year. This is to allow the Transporter to run the network safely and securely and to meet demand during a 1 in 50 Severe Annual Demand

**User Agent:** party appointed by the sharing Users (User Agent) informing Transporter on a daily basis of the allocation of the gas for the previous gas day.

User: A signatory to UNC who could be a Shipper or Trader.

**UK-Link:** A suite of computer systems that supports UNC operations and includes Gemini, Supply Point Administration services, Sites and Meters and Invoicing.

Uniform Network Code: Contract between the Transporters and Users.

**VLDMC**: Very Large Daily Metered Customer. Supply point classification indicating AQ in excess of 1,465,000,000 kWh.

**xoserve:** Transporters Agent

# **9. Interruption Services**

### **Additional Interruption Services**

Transporters operate additional interruptible services; these include Partial Interruption and Interruptible Firm Allowance (IFA).

## 9.1 Partial Interruption

This service allows an interruptible supply point to reduce, rather than fully interrupt gas supply on a day of Transporter Interruption. The User (or sharing Users and their User Agent in the case of an SSMP) and end consumer will agree 'tranche quantities' in order to arrive at a gas supply profile which best serves individual needs. The service reduces disruption caused by interruption and will help to maintain critical processes on site. Criteria that enable a Supply Point to utilise this service are defined in Uniform Network Code, Sections G6.10 and G1.7.9 in summary these are:

- [i] A maximum of nine tranches are specified.
- ii] Each tranche Annual Quantity must be a minimum of 5,860,000 kWh (200,000 therms).
- [iii] The duration of the agreement will not exceed 12 months, and will last until the end of the gas year (30 September) in which the application was submitted.
- [iv] The supply point must have daily read equipment.
- [v] It is a requirement of Uniform Network Code that an independent User Agent is appointed by the Sharing Registered Users to administer the SSMP.

### **9.2 IFA (Interruptible Firm Allowance)**

This service enables the user to maintain essential processes or to provide ancillary services such as canteens, water heating or localised space heating.

On a day of interruption, the Transporter would allow the supply point to flow up to the amount stated in the IFA contract.

- [i] The Interruptible Supply Point must not be comprised in a SSMP which also includes a Firm Supply Point.
- [ii] The IFA allows an Interruptible Supply Point to offtake a quantity of gas up to 14,650 kWh per day, or 30 % of the SOQ, whichever is higher (depending on availability of capacity).
- [iii] Maximum hourly rate is 12.5% of IFA.

There is an IFA charge for this service, calculated as LDZ capacity charge plus NTS Exit capacity charge as set out in the Transportation Statement.

Further details and applications for these two Interruptible services are available from the relevant Transporter. See 'Contacts' section for address details.

# **10. Transporter Contacts**

### xoserve Supply Point Administration – Unique Sites

xoserve Customer Operations SPA Offline Services 31 Homer Road Solihull West Midlands B91 3LT

Team mail: <u>uniquesites.spa@xoserve.com</u>

Fax Number: 0121 623 2784

#### xoserve Billing – Unique Sites

xoserve Customer Operations Offline Invoicing 31 Homer Road Solihull West Midlands B91 3LT

Team mail: <u>uniquesites.billing@xoserve.com</u>

Fax number:0121 623 2785

### Daily Balancing, Measurement & Allocation

National Grid UK Transmission Network Operations NGT House Warwick Technology Park Warwick CV34 6DA

Team mail: <u>unique.sites.energy.performance@uk.ngrid.com</u>

Fax Number: 01926 656615

Contact: John McNamara 01926 654127; john.mcnamara@uk.ngrid.com

### NTS Exit Capacity:

EMail: <u>Gasoperations.shipperliaison@uk.ngrid.com</u>

# 10. xoserve, Transporters and National Grid NTS Contacts

# **Partial Interruption & IFAs**

#### National Grid UK Distribution

System Operation Brick Kiln Street Coventry Road Hinckley Leicestershire LE10 0NA Fax Number: 01455 232856 Diane Bentick 01455 893137 diane.m.bentick@uk.ngrid.com

#### National Grid Transmission

Warwick Technology Park Warwick CV34 6DA

#### Wales & West Utilities

Wales & West House Spooner Close Celtic Springs Coedkernew Newport NP10 8FZ

#### Melissa Albray 01926 653608 melissa.albray@uk.ngrid.com Fax 01926 498506

Bethan Winter or Greg Hill 03301 00 00 64 Fax: 03301 00 00 65 <u>bethan.Winter@wwutilities.co.uk</u>

#### Northern Gas Networks

Northern Gas Networks System Control 7 Camberwell Way Moorside Park Sunderland SR3 3XN

#### Scotia Gas Networks

System Operations St Lawrence House Station Approach Horley RH6 9HJ Judith Quigley 0191 511 4511 j.quidley@northerngas.co.uk Fax: 0191 511 4532

Kamila Gapinska 01293 818 312 kamila.gapinska@sgn.co.uk or Michael Russell 01293 818 836 michael.g.russell@sgn.co.uk Fax: 01293 818 421

# Initial enquiries for an IFA contract should be made to the SPA team within xoserve