UNIFORM NETWORK CODE – OFFTAKE ARRANGEMENTS DOCUMENT

SECTION J

LDZ/LDZ OFFTAKES – PLANNING AND OPERATIONAL FLOWS

1 General

1.1 Introduction

1.1.1 This Section J sets of the basis on which, in relation to an LDZ/LDZ Offtake:

(a) the Parties will exchange planning information;

(b) Offtake Parameter Values will be established;

(c) Offtake Profile Notices are to be submitted.

1.2 Interpretation

1.2.1 In this Section J:

(a) references to Offtakes are to LDZ/LDZ Offtakes;

(b) the planning submission dates are 1st October, 1st January, 1st April and 1st July in a Gas Year;

(c) in relation to an LDZ, a 1-in-20 peak day is a day of 1-in-20 peak day demand in that LDZ;

(d) the rate of offtake at an Offtake is:

(i) in the case of an Offtake at which the normal operating pressure (at the Point of Offtake) is not greater than 7 barg, the quantity of gas offtaken or to be offtaken in a 6 minute period; and

(ii) in the case of an Offtake at which the normal operating pressure (at the Point of Offtake) is greater than 7 barg, the quantity of gas offtaken or to be offtaken in a 60 minute period;

in each case expressed as an hourly rate of offtake (and references to rates of offtake in the TPD Section J in relation to an Offtake shall be construed accordingly);

(e) the daily quantity at an Offtake is the quantity of gas offtaken or to be offtaken on a Day.

1.2.2 In relation to an Offtake:

(a) the "**low pressure**" is the pressure (of gas made available for offtake at the Offtake) which the downstream DNO considers to be the lowest pressure, at the low pressure time on any Day, at which the safe and efficient operation of the downstream LDZ (consistent with the downstream DNO's obligations under the Transportation Principal Document) would not be prejudiced; and

(b) the low pressure time is the time on a Day at which the extremity point of the downstream LDZ is at its lowest pressure.

1.3 Offtake Parameter Values

1.3.1 For the purposes of this Section J, for each Offtake, in relation to a Gas Year the "**Offtake Parameter Values**", are the respective values of daily quantity ("**Maximum Daily Quantity**"), offtake rate ("**Maximum Offtake Rate**") and pressure ("**Minimum Offtake Pressure**") established in accordance with the provisions of this Section J.

1.3.2 The upstream DNO shall periodically (in accordance with paragraph 2) prepare and issue a statement ("**Offtake Parameter Statement**") in the format specified in Annex J-2 setting out the prevailing Offtake Paramater Values in relation to an Offtake for the Gas Year in which the statement is issued and each of the following 5 Gas Years.

1.3.3 For each Offtake that is not a Closed Offtake, an Offtake Parameter Statement as at the date of this Document has been issued by the upstream DNO and agreed by the downstream DNO.

1.4 Bi-directional LDZ Offtakes

1.4.1 In relation to a Bi-directional LDZ Offtake:

(a) each Party shall be considered to be both upstream Party and downstream Party for the purposes of this Section J; and

(b) each Party as upstream Party shall make determinations under paragraph 2.2.3 on the assumption of flows of gas (at the Offtake) only out of its LDZ.

1.4.2 If both Parties submit an Offtake Profile Notice for the same Day in relation to a Bi-directional LDZ Offtake, the Parties shall discuss and seek to agree upon a single Offtake Profile Notice to be submitted by one of such Parties who shall be treated as the downstream Party in relation to that Day.

1.4.3 In the absence of agreement under paragraph 1.4.2, each Party shall be deemed to have submitted an Oftake Profile Notice showing a daily quantity of zero.

2 Planning and Offtake Parameter Values

2.1 Introduction

2.1.1 In this Section J, in relation to an Offtake and a Gas Year, "**planning data**" means the following forecast or indicative data:

(a) the quantity of gas to be offtaken on a 1-in-20 peak day;

(b) the maximum rate of offtake on a 1-in-20 peak day;

(c) the low pressure;

and, for information purposes only, the quantity of gas to be offtaken at the Offtake in the Gas Year as a whole.

2.1.2 In relation to each Offtake:

(a) the downstream DNO shall submit planning data in accordance with this paragraph 2; and

(b) the Parties shall exchange such other forecasts or information, concerning demand and flows of gas in the upstream or (as the case may be) downstream LDZs (or parts of

those LDZs) which are likely to affect the flows of gas at the Offtake, as the Parties may from time to time agree;

for the purposes of establishing Offtake Parameter Values and in order to facilitate the preparation by each DNO of its Ten Year Statement.

2.2 Planning

2.2.1 In relation to each Offtake, in each Gas Year (year 0), by each planning submission date, the downstream DNO shall, unless there is no change in the planning data since the previous submission, submit to the upstream DNO, in the format specified in Annex J-1:

(a) in relation to the remaining part of Gas Year 0, and each of Gas Years 1 to 5, forecast values; and

(b) in relation to each of Gas Years 6 to 10, indicative values;

of the planning data.

2.2.2 The submission of planning data shall operate as a request by the downstream DNO for revised Offtake Parameter Values as follows:

(a) Maximum Daily Quantity equal to the maximum daily quantity;

(b) Maximum Offtake Rate equal to the maximum offtake rate;

(c) Agreed Pressure equal to the low pressure;

submitted as planning data.

2.2.3 Following each submission of planning data:

(a) the upstream DNO shall review the data submitted and determine, for each of Gas Years 0 to 5:

(i) whether it can make gas available for offtake at the Offtake on the basis of Offtake Parameter Values equivalent to the values of planning data submitted; and

(ii) if not, alternative values on the basis of which it can so make gas available;

without prejudicing the safe and efficient operation (consistent with its obligations under the Act, its Transporter's Licence and the Transportation Principal Document) and without further investment in its LDZ;

(b) where the upstream DNO considers that it cannot so agree Offtake Parameter Values, it shall so inform the downstream DNO and the Parties shall discuss the matter with a view to establishing Offtake Parameter Values which can (and/or a basis on which such values can) be agreed by the upstream DNO; and

(c) the upstream DNO shall, no later than 12 weeks after the planning submission date, provide to the downstream DNO a revised Offtake Parameter Statement consistent with paragraph 2.3.

2.2.4 The upstream DNO will include in its Ten Year Statement the information contained in the Offtake Parameter Statement.

2.2.5 The Offtake Parameter Statement will include the upstream DNO's estimate of the normal operating pressure (or range of pressures) at the Offtake; but this is included for information only, does not bind the upstream DNO and has no effect for the purposes of the Transportation Principal Document.

2.3 Offtake Parameter Values

2.3.1 For each Gas Year, the Offtake Parameter Values set out in an Offtake Parameter Statement:

(a) if the Parties agreed values pursuant to paragraph 2.2.3(b), shall be those values; and

(b) if the Parties did not so agree values:

(i) subject to paragraph (ii), shall be the values which the upstream DNO determined it can accept pursuant to paragraph 2.2.3(b);

(ii) shall not be lower than the lower of:

(aa) the minimum values in accordance with paragraph 2.3.2; and

(bb) the values of the corresponding planning data submitted by the downstream DNO.

2.3.2 For the purposes of paragraph 2.3.1(b)(ii)(aa), the minimum values for a Gas Year are:

(a) subject to paragraph (b), the corresponding values for that Gas Year in the preceding Offtake Parameter Statement; or

(b) in the case of the first Offtake Parameter Statement issued in any Gas Year (year 0), in relation to Gas Year 5, the Offtake Parameter Values for the preceding Gas Year (year 4) in the last Offtake Parameter Statement issued in Gas Year -1.

2.4 Variation of Offtake Parameter Values

2.4.1 Either DNO may request the other to agree a temporary variation of the prevailing Offtake Parameter Values in relation to an Offtake, including in connection with the planning or carrying out of maintenance (as provided in Section G3.5) in connection with its LDZ or (but without prejudice to the provisions of Section C2 generally) a gas supply emergency.

2.4.2 The other DNO shall consider any request under paragraph 2.4.1 and shall agree to the requested variation if it determines that (for the period for which such variation is requested) it can make gas or (as the case may be) accept gas made available for offtake at the Offtake on the basis of the requested variations of the Offtake Parameter Values without prejudicing the safe and efficient operation (consistent with its obligations under the Act, its Transporter's Licence and the Transportation Principal Document).

2.4.3 Where the other DNO considers that it cannot so agree variations to the Offtake Parameter Values, it shall so inform the requesting DNO and the Parties shall discuss the matter with a view to establishing variations Offtake Parameter Values which can (and/or a basis on which such values can) be agreed by the other DNO.

2.5 TPD Section J Parameters

2.5.1 For the purposes of TPD Section J2.1.1(b)(iii), the pressure of gas (to be made available at any time on the Day) in relation to an Offtake is the Minimum Offtake Pressure.

2.5.2 For the purposes of TPD Section J3.10.3, the maximum permitted rate in relation to an Offtake is the Maximum Offtake Rate.

2.5.3 For the purposes of TPD Section J3.10.3, the maximum permitted quantity in relation to an Offtake is the Maximum Daily Quantity.

3 Offtake Profile Notices

3.1 Submission of Offtake Profile Notices

3.1.1 Offtake Profile Notices are to be submitted by the downstream DNO to the upstream DNO each Day in respect of each Offtake at which Measurement Equipment is installed.

3.1.2 An Offtake Profile Notice shall (notwithstanding the provisions of TPD Section J) specify only a daily quantity.

3.1.3 Offtake Profile Notices are to be submitted in the format and by the means provided in or pursuant to Section M.

3.1.4 The daily quantity set out in an Offtake Profile Notice (including any revision thereof):

(a) shall not exceed the Maximum Daily Quantity; and

(b) subject to paragraph (a), shall reflect as accurately as possible the quantities in which the downstream DNO expects to cause or permit gas to flow at the Offftake.

3.2 Initial Offtake Profile Notice

3.2.1 For the purpose of TPD Section J4.5.1, the time by which the initial Offtake Profile Notice is to be submitted is 1800 hours on the Preceding Day.

3.3 Revisions to Offtake Profile Notice

3.3.1 The downstream DNO shall (and shall be entitled to) revise an Offtake Profile Notice at any time where it becomes aware that the quantity of gas which it expects to cause or permit gas to flow at the Offftake differs materially from the quantity stated in the Offtake Profile Notice.

4 Closed Offtakes

4.1 Application of this Section J

4.1.1 In relation to a Closed Offtake, this Section J shall apply on the basis that (without prejudice to Section C2 in the case of a gas supply emergency):

(a) submissions of planning data are made and the Offtake Parameter Statements issued only:

(i) on occasions on which; and

(ii) in relation to periods in which;

relevant maintenance of the upstream or downstream LDZ is to be carried out (and accordingly not more than 2 years in advance);

(b) the submission of planning data shall be a request by the downstream DNO for the temporary opening of the Closed Offtake, and shall include the date(s) on which the Closed Offtake is requested to be opened;

(c) the Offtake Parameter Values so established shall apply only for the period in which the Closed Offtake is to be opened (and for the avoidance of doubt such values shall be zero at all other times); and

(d) paragraphs 2.3.1(b)(ii) and 2.3.2 shall not apply.

4.1.2 The opening and subsequent re-closing of the Closed Offtake shall itself be planned and carried out as Planned Maintenance in accordance with Section G.

ANNEX J-1

Form of Submission for Planning Data
(Paragraph J2.2.1)

From: [*Downstream DNO*] [*Date of submission*]
To: [*Upstream DNO*]

Offtake Planning Data

Period Covered: [*Date*] to [*Date*]

Name of Offtake:
Ordinance Survey Location of Offtake:

Flow Direction: [*Name of delivering LDZ*]
[*Name of offtaking LDZ*]

Type of Offtake: [Eg. closed or pressure controlled]
Other features of Offtake: [Eg. bi-directional flow or flow includes use of bypass etc.]

Parameter	Period starting 1 October										
	Year 0	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Year 7**	**Year 8**	**Year 9**	**Year 10**
Low Pressure (barg)											
Maximum Offtake Rate (mcm)											
Maximum Daily Quantity (mcm)											
Annual Offtake Quantity (mcm)											
Assumed CV											

Note:
In the case of Bi-directional LDZ Offtakes, this submission only relates to flows in one direction.
The Annual Offtake Quantity is based on an average Gas Year.

ANNEX J-2

Form of Offtake Parameter Statement
(Paragraph J1.3.2)

From: [*Upstream DNO*] [*Date statement issued*]
To: [*Downstream DNO*]

Offtake Parameter Statement

Period Covered: [*Date*] to [*Date*]

Name of Offtake:
Ordinance Survey Location of Offtake:

Flow Direction: [*Name of delivering LDZ*]
[*Name of offtaking LDZ*]

Type of Offtake: [Eg. closed or pressure controlled]
Other features of Offtake: [Eg. bi-directional flow or flow includes use of bypass etc.]

Parameter	Period starting 1 October					
	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Normal Operating Pressure (barg)						
Low Pressure (barg)						
Maximum Offtake Rate (mcm)						
Maximum Daily Quantity (mcm)						
Assumed CV						

Note:
In the case of Bi-directional LDZ Offtakes, this statement only relates to flows in one direction.
The Annual Offtake Quantity is based on an average Gas Year.