



**NATIONAL GAS TRANSMISSION PLC
GAS DEMAND SIDE RESPONSE (DSR) OPTIONS
INVITATION TO OFFER
GUIDANCE DOCUMENT**

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[Demand Side Response \(DSR\) | National Gas](#)

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1. BACKGROUND

DSR SERVICE

Gas DSR is an energy balancing tool available for National Gas Transmission (NGT) to utilise to mitigate the potential of entering a Gas Deficit Emergency under certain pre-defined triggers. When exercised it results in consumers voluntarily reducing demand which depending on whether the agreement is struck with either a Shipper or directly with consumers may be enacted either via the Locational Market within the On the day Commodity Market (OCM), 'over the counter' (OTC) trades or via direct contract and demand reduction instruction with consumers.

There are three triggers which enable NGT to open the DSR Market and exercise the options these are:

1. Issuing of a Margins Notice (MN) at D-1 or
2. Issuing of a Gas Balancing Notification (GBN) within day or at D-1 or
3. Forecast supply deficit at 5 days ahead of the gas day (D-5) in excess of 14mcm.

NGT is obliged under the UNC to issue to all Shippers and publish on its website an invitation (DSR Option Invitation) no later than 31st July in each Gas Year seeking commitments from shippers and eligible Consumers to offer DSR. Such commitments can be for within-day, and/or at D-1 and/or at D-5 at specified times (DSR Option Offers) for the forthcoming Winter Period and the next two Winter Periods, thereafter, as detailed in UNC TPD section D7.

2. INTRODUCTION

This guidance document for the Demand Side Response (DSR) Invitation to Offer is structured to reflect amendments to the gas DSR regime following Ofgem's approval of UNC Modification Proposal 0866S 'Amendments to Demand Side Response (DSR) Arrangements'.¹

In summary, NGT has incorporated the following changes for this year's tender:

- The NGT option assessment period is now dependent on the number of offers received.
- NGT may take into account the relative value of offers received, based upon:
 - Quantity (a larger quantity is more attractive)
 - Option price (which would be paid to a successful participant regardless of whether the option is exercised)
 - Exercise price (lower likelihood of payment being required).
- The determination of the Winter Average Demand shall be based on 3 years demand history rather than one.
- Tenderers may elect to provide a forecast Winter Average Demand with accompanying evidence which is subject to further terms and conditions.
- Changes to within-day options:
 - Participants may specify a minimum number of hours that shall apply.
 - For Within Day the Option Quantity must be equal to or higher than the 100,000 kWh taking into account the lead time.

¹ [Amendments to Demand Side Response \(DSR\) Arrangements](#)

- Class 2 Consumers may now contract directly with NGT for DSR Options as well as Class 1 Consumers; and
- Consumers that would otherwise be required to provide credit support for their DSR option may instead elect to receive their option fee after the end of the relevant winter period.

A full description of the DSR reforms that have been implemented since the 2023 DSR options tender can be found in section 5 ‘Solution’ of the Final Modification Report for UNC Modification 08665.

3. DSR INVITATION TO OFFER DOCUMENTS

This Guidance Document should be read in conjunction with the following Offer Documents which are available on the NGT website link below:

[Demand Side Response \(DSR\) | National Gas](#)

Documents

- Invitation to offer Letter.
- Consumers Offer Pack 1 – Within Day Option Offers 2024/25, 2025/26, 2026/2027
- Consumers Offer Pack 2 – Day Ahead Option Offers 2024/25, 2025/26, 2026/2027
- Consumers Offer Pack 3 – D-5 Option Offers 2024/25, 2025/26, 2026/2027
- Shippers Offer Pack 4 – Within Day Option Offers 2024/25, 2025/26, 2026/2027
- Shippers Offer Pack 5 – Day Ahead Option Offers 2024/25, 2025/26, 2026/2027
- Shippers Offer Pack 6 – D-5 Option Offers 2024/25, 2025/26, 2026/2027

For Direct Contracting Consumers only:

- NGT-Consumer DSR Contract (template)
- Parent Company Guarantee (template)
- Letter of Credit (template)
- Deposit Deed (template)

Within each Consumer offer pack there are 2 parts:

Part 1: Consumer Details

Part 2: The Offer

Within each Shipper offer pack there are 3 parts:

Part 1: Shipper Details

Part 2: Consumer Details

Part 3: The Offer

Please complete all information requested

If you are unsure which section of the offer pack you should be completing as part of your offer, please contact Pamela.Fancourt2@nationalgas.com and Brendan.Mullan@nationalgas.com

To ensure that the offer packs function as intended, please ensure the desktop version of Microsoft Excel is used, and not web based or online versions.

4. INVITATION TO OFFER TIMETABLE

The key dates for this event are as follows:

Activity	Date
Pre-tender Market Notification	Wednesday 17 th July 2024
Tender launched, Invitation to Offer period commences	Wednesday 31 st July 2024
Offers Submission Deadline	17:00 (BST) Friday 30 th August 2024
Offer evaluation period*	Monday 2 nd September to Friday 13 th September 2024
Offer and Acceptance letters sent**	Friday 13 th September 2024
Rejection letters sent**	Friday 13 th September 2024
Deadline for publication of tender outcomes	Friday 20 th September 2024
DSR Options effective (01 Nov 24 to 30 Apr 25)	Friday 1 st November 2024

*We may extend these dates by either 1-week or 2-weeks depending on the number of offers received.

**If aggregate option fees that NGT wishes to accept exceed £36m, a referral to Ofgem is required which will extend these dates by up to 2 weeks.

5. REQUIREMENTS OF THE INVITATION TO OFFER PROCESS

DSR Option Offers are invited based on the quantity of demand reduction that would be delivered if DSR were to be called by NGT. Participants are invited to offer a quantity of daily demand that would not be exceeded if DSR were called ('DSR Reduced Quantity'). The quantity to calculate payment will then be based on the difference between the average daily winter demand ('Winter Average Demand') or the daily demand forecast as the case may be for that site and the tendered DSR Reduced Quantity. The difference between these two values is termed the 'Option Quantity' and must be a minimum of 100,000 kWh.

CRITERIA TO OFFER

Responses to the DSR Invitation to Offer may be submitted either by a Shipper that is the Registered User at an eligible supply point or by the Consumer at the supply point.

As part of the DSR tender NGT will be seeking commitments from Shippers and eligible Consumers to offer DSR which may be exercised within-day, and/or at D-1 (day ahead of delivery) and/or at D-5 (5 days ahead of delivery) (DSR Option Offers) for the forthcoming Winter Period (1st November to 30th April) and the next two Winter Periods, thereafter, as more particularly described in UNC TPD section D7.² A standard set of terms and conditions applies to all DSR options where NGT contracts directly with a consumer, a clean version of this contract to reflect this year's reforms is available on the DSR webpage of NGT's website.³

² [UNC TPD D7](#)

³ [Consumer DSR contract](#)

Participants are required to offer:

PRICING SCHEDULE:

OPTION OFFER : MANDATORY

- The identity of the Consumer that would provide the demand reduction, the nature of its business, its supply meter point reference number.
- Whether the option offer is a within-day, and/or at D-1 (day ahead of delivery) and/or at D-5 (5 days ahead of delivery);
- The Winter Period for which the offer is made.
- A price (**Option Price**), specified in p/kWh/day, that the participant requires to be paid in return for its commitment to make the relevant quantity available for gas DSR purposes.
- A single energy quantity per site (per winter period) as the (**DSR Reduced Quantity**), this is the quantity of the daily demand that would not be exceeded if DSR was exercised. This is the quantity to reduce to.
- A price (**Exercise Price**) which the participant would be paid if NGT exercises the option (i.e. calls DSR within the relevant Winter Period) may be expressed either: as a fixed amount in p/kWh or as a price to be determined by reference to the prevailing gas price, determined by the relevant System Average Price (SAP).

The relevant SAP for each DSR product is the System Average Price based on:

- for a Within-Day Option, Day D-1 (e.g., for a within day option exercised on 2nd December, the SAP price applicable will be from 1st December)
- for a Day-Ahead Option D-2 (e.g., for a Day ahead option exercised for 2nd December on 1st December, the SAP price applicable will be from 30th November)
- for a 5-Day ahead Option, Day D-6 (e.g., for a D-5 option exercised for 2nd December on 27th November, the SAP price applicable the applicable SAP will be from 26th November) and a participant may offer a multiple of the relevant SAP in the form of the term $F * SAP$, where F is a positive number stated to two decimal places.
- Is the offer linked to another DSR Option Offer. (For example, a participant may wish to submit offers for all three Winter Periods and specify that either all are accepted, or none are);
- For a within day option offer, the lead-time that shall apply between N GT's exercise of the option and the Consumer commencing reduction in its gas offtake which shall not exceed 6 hours (for a day ahead option offer, the demand reduction shall be effective from 05:00 on the next Day);

OPTION OFFER : OPTIONAL

- that the offer is Linked to another DSR Option.
- a minimum period in Days between Days of non-consecutive exercise ("Minimum Exercise Interval"); if left blank this means no such restriction applies
- a maximum number of consecutive Days (or part thereof) on which the DSR Option may be exercised in a Winter Period ("Maximum Exercise Period"); if left blank this means no such restriction applies.
- a Winter Average Demand Forecast; and/or

- in the case of a Within-Day Option offer, a minimum number of hours that must remain after the DSR Lead Time on any Day on which NGT exercises such option.

MULTI YEAR OPTION:

In the case of a multi-year option submission, following the conclusion of the current Winter Period (30th April 2025), for each party with an accepted option for the following Winter Period, NGT will review average demand over that Winter Period to allow the calculation of the Option Quantity for the following Year. If the Option Quantity identified falls below 100,000 kWhs it may be the case that the option for year 2 and year 3 would lapse and be terminated.

CATEGORIES OF CONSUMER:

NGT have identified seven categories for Users to indicate which Consumer type an option offer is submitted in respect of which are listed below along with a definition:

Category Name	Definition
Chemical	Facility involved in the production or manufacture of chemicals.
Food & Drink	Facility involved in the production, growth or maintenance of food and drink products.
Heavy Industry – Steel, Glass etc	Facility involved in the production or manufacturing of heavy industrial products with very large energy consumption. Steel Works, Glass production, Ceramics and Brick factories are examples.
Manufacturing	All other manufacturing facilities, examples of which would include automotive, building products, textiles etc
Power Generation	Facilities involved in the production of electricity.
Public Services	Facilities that support the public.
Other	Any other type of industrial / commercial sector. An additional field has been provided on the Offer Pack to provide a description of the business if “other” is selected.

6. WINTER AVERAGE DEMAND (WAD)

Following a DSR Option Invitation, NGT will determine and notify the Winter Average Demand to each DSR Participant whose DSR Option was accepted.

Alternatively, if a prospective DSR Participant considers that Winter Average Demand as calculated will not accurately reflect demand for the Winter Period in respect of which a DSR Option Offer is being submitted, the participant may submit a forecast of its Winter Average Demand (“Winter Average Demand Forecast”) as part of its DSR Option Offer for the relevant Winter Period with accompanying rationale/evidence supporting such Winter Average Demand Forecast. Such a forecast shall be deemed to be the Winter Average Demand in respect of the relevant Supply Meter Point for the purposes of their offer.

- (a) Option Fee Instalments payable for January, February, March, and April shall be retained by NGT until actual demand data for such Winter Period is available;
- (b) not later than 2 months after the end of the Winter Period in respect of which the DSR Option Offer applies, NGT shall determine the actual mean Supply Meter Point Daily Quantity for such Winter Period; and
- (c) such retained Option Fee Instalments shall be paid to the DSR Participant subject to any deductions to be made by NGT calculated in accordance with the formula in Section 7(a) below if the actual mean Supply Meter Point Daily Quantity for such Winter Period was greater than or equal to 90% of the Consumer's Winter Average Demand Forecast and not otherwise.

There are worked examples on Winter Average Demand shown for a Day on which NGT exercises such an option which also show offers that would be included and excluded from the assessment.

If any Shipper or Consumer is interested in participating in this DSR Invitation to Offer and wishes to know the Winter Average Demand of a site in respect of which they are the Registered User or Consumer before submission of an offer, please email Pamela.Fancourt2@nationalgas.com and Brendan.Mullan@nationalgas.com

7. CREDIT SECURITY (For Direct Consumers Only)

It is recommended that consumers in conjunction with this guidance are familiar with the content of clause 8 Credit of the DSR consumer contract.

Should a Consumer wish to know its current annual contract limit before submission of its offer, again, please email Pamela.fancourt2@nationalgas.com and Brendan.Mullan@nationalgas.com

During the tender evaluation period, NGT will procure a credit assessment via Creditsafe on each Consumer that has submitted a DSR Option Offer directly to NGT. This assessment will return a recommended annual contract limit based upon the credit agency's guidance.

Alternatively, where a Consumer submits a DSR Option Offer and does not satisfy the credit conditions of the DSR Contract, the consumer may elect to receive its option fee after the Winter Period to which its offer applies instead of providing credit support.

Where a consumer so elects the above, not later than 2 months after the end of the relevant Winter Period, NGT shall:

- (a) Determine whether the Consumer has failed to comply with its obligations to respond to an exercise instruction given by NGT in respect of the DSR Option in accordance with TPD D7.7.4
- (b) Where the Consumer has failed to comply on each occasion when NGT exercised the DSR Option, not make payment of the option fee to the Consumer;
- (c) Where the Consumer has complied with its obligations upon NGT exercise of the DSR Option on a day(s) but not on another day(s), make payment of an option fee as soon as reasonably practicable for a sum equal to what the Consumer would otherwise be entitled to receive pursuant to the provisions of TPD D7.7.5; and
- (d) Where either NGT has not exercised the DSR Option or the Consumer has complied with each exercise instruction given by NGT during the Winter Period, make payment of the option fee as soon as

reasonably practicable to the Consumer for a sum equal to the aggregate of the Option Fee Instalments in respect of each month of the Winter Period.

Where (c) or (d) apply above, each relevant User's share of such sum shall be processed on its Energy Balancing Invoice in respect of the month within which NGT made its determination in respect of those business rules.

Security may be provided in the form of a Parent Company Guarantee, Deposit Deed or Letter of Credit, the forms of which are published on its DSR webpage in the Offer documentation section and subject, at all times, to such security being provided by a financial institution or security provider (as the case may be) acceptable to NGT (acting reasonably).

8. ASSESSMENT OF DSR OFFERS AND SELECTION FACTORS

All DSR offers submitted will be accessed, examined for completeness and compliance.

NGT will cross-check between Operating Margins Agreements and / or Constraint Management Contracts to ensure there are no conflicting arrangements by those responding to the Invitation to Offer.

NGT shall select DSR Option Offers in accordance with UNC TPD Section D7.6 and the Option Selection Guidance contained in its DSR Methodology statement.

Following the invitation close date, NGT will select compliant DSR Option Offers for acceptance, for each Winter Period separately, as follows:

- (a)** NGT will rank all DSR Option Offers:
- (i) in order of Combined Price, lowest price ranked first, subject to paragraph (ii);
 - (ii) NGT will adjust the ranking as and to the extent it decides (in accordance with the Option Selection Guidance) is appropriate:
 - to give priority to Within-Day Options and to Day-Ahead Options over 5-Day-Ahead Options;
 - to reflect the disadvantages of DSR Option Offers with a particular Minimum Exercise Interval and/or a Maximum Exercise Period, and the advantages of DSR Option Offers without those limits;
 - taking into consideration the relative value of DSR Option Offers based on (i) the Option Quantity; (ii) the Option Price; (iii) the Exercise Price and (iv) any conditions specified in the DSR Option Offer including but not limited to those referred to in the case of a Within-Day Option offer, a minimum number of hours that must remain after the DSR Lead Time on any Day on which N G T exercises such option.

A DSR Option Offer may be rejected where the relevant Consumer is already contracted by its Shipper with NGT for the relevant Winter Period for Operating Margins Purposes and where, in NGT's reasonable opinion, the Exit Facility Deliverability for that Consumer would be insufficient to fulfil both its Operating Margins and DSR obligations and/or if in NGT's reasonable opinion, acceptance of the offer may have an adverse impact on whole energy system security.

(b) NGT will exclude from the ranking any DSR Option Offer for the Winter Period of Gas Year Y that is for:

- (i) a Day-Ahead Option or a 5-Day-Ahead Option for which it determines the Option Quantity to be less than 100,000kWh; and

- (ii) (ii) a Within-Day Option for which it determines the (Option Quantity / 24 * DSR Lead Time) to be less than 100,000kWh,
(and in each case, any such offer lapses);

(c) NGT shall determine (in accordance with the Option Selection Guidance, and taking account of DSR Options entered into under previous invitations for the same Winter Period) the total amount in respect of Daily Option Fees to be incurred under that DSR Option Invitation for all Days in that Winter Period;

(d) DSR Option Offers are provisionally selected for acceptance, in the order ranked under paragraph (a), until either: (i) the aggregate of the amounts for all Days in the Winter Period in respect of Daily Option Fees in respect of such offers is equal to the amount decided under paragraph (c); or (ii) all of the DSR Option Offers are selected;

(e) if, following the provisional selection, any of the provisionally selected DSR Option Offers is Linked to a DSR Option Offer which was not provisionally selected: (i) that DSR Option Offer is eliminated from the ranking; (ii) the selection process in paragraph (d) is repeated; (iii) where necessary, this process under this paragraph (e) will be repeated until there has been a selection round following which this paragraph (e) does not apply;

(f) in accordance with the Option Selection Guidance, NGT will set or adjust the amount referred to in paragraph (c) so that no DSR Option Offer is selected as to part only of the Option Quantity;

(g) the DSR Option Offers finally selected for acceptance are those selected under paragraph (e) where that paragraph applies, and otherwise those selected under paragraph (d)

A participant may submit DSR Option Offers in respect of the same Consumer for more than one DSR product (i.e. within day, D-1, D-5) from which NGT may accept one such offer.

If both the Consumer and a Shipper submit DSR Option Offers in respect of the same site, or more than one Shipper submits a DSR Option Offer for a Shared Supply Meter Point, NGT may (in its discretion) accept neither, or one only, of the DSR Option Offers in respect of that site.

9. DSR CONTRACTUAL RELATIONSHIP

Where a Shipper wishes to participate in a DSR Option Invitation and / or post a DSR Market Offer the Shipper must seek agreement via the Supplier with the relevant Consumer.

Where a DSR Market Offer is accepted by NGT:

The DSR Market Offer acceptance will be a contractual arrangement between the Shipper and NGT through the existing OCM Market Rules and UNC contractual arrangements.

Where a Consumer wishes to directly participate in a DSR Option Invitation and has a DSR Option Offer accepted by NGT, the terms of the DSR Contract published by NGT shall apply to that DSR Option. (The accepted DSR option Offer is subject to contract)

10. PAYMENT PROCESS – DIRECT CONSUMER CONTRACTING

The Monthly Option Fee will be paid to the Consumer monthly on the twelfth (12th) calendar day following the twenty-third (23rd) Business Day after the last Day of the month to which the fee relates;

If NGT exercises the option (i.e. calls DSR), the Exercise Fee will be paid to the Consumer on the twentieth (20th) Day after the last Day of the month in which the Exercise Day occurred and to which the fee relates;

If a Consumer becomes liable to repay a percentage of its option fee pursuant to Clause 6 of the NGT-Consumer DSR Contract as a consequence of its failure to comply with an instruction to reduce demand, payment will be due on the day which is the twelfth (12th) Day after receipt of an invoice from NGT (such invoice to be issued as soon as reasonably practicable after the end of the Winter Period in which the failure day occurred).

11. PROCUREMENT POLICIES AND REGISTRATION

It is NGT's procurement policy to procure goods and services competitively, ethically, and efficiently in accordance with all relevant laws, regulations, and licenses. In particular, all business should be carried out in line with the values and aspirations outlined in our Supplier Code of Conduct.

[National Gas Supplier Code of Conduct | National Gas](#)

12. SUBMISSION OF DSR OFFERS

Users that wish to participate in this invitation to offer must submit their DSR Offer pack(s) via email to Pamela.Fancourt2@nationalgas.com and Brendan.Mullan@nationalgas.com no later than **17:00 BST Friday 30th August 2024**.

If a participant wishes to submit any additional information in relation to its offer submission, a cover letter may be e-mailed in addition to the offer pack.

NGT reserves the right to consider late submissions in a manner which it feels most appropriate taking account of any specific circumstances.

If any unforeseen issue (e.g., technical issues with email) prevents a DSR Offer from being submitted by the deadline, the participant must notify NGT of such issue within a reasonable period prior to the submission deadline.

If, in the sole judgement of NGT, a participant has failed to submit a compliant within-day, D-1 or D-5 DSR Offer, NGT reserves the right to:

1. Reject the DSR Offer in question; and/or
2. Take any other action it deems appropriate in the circumstances, including requesting the User to amend any parameters other than prices, so that it is made compliant.

If any further information is required to assist with the preparation of an DSR offer, the participant should request this information from NGT. NGT may consider it necessary to share any further information given in response to specific enquiries with all other potential participants.

Under no circumstances will NGT be legally bound to accept any offer made by any party or to accept any offer at all, or to reimburse any cost or expenditure whatsoever or howsoever incurred by any party in preparing and submitting an offer.

13. USERS AGREEMENT AND ACKNOWLEDGEMENT

Prior to acceptance NGT may disclose the terms of any offer to Ofgem and the Department of Energy Security and Net Zero. NGT may disclose the identity of participants to Xoserve for assessment purposes to ensure that a DSR Option Offer is made in respect of an eligible Consumer and to enable the invoicing processes.

Post acceptance where the participant is a Shipper, NGT may also disclose the identity of the Shipper and associated Consumer to ICE Endex, the OCM market operator to enable system activities to be set up to enable exercise of that option.

14. DISCLAIMER

This Guidance Document is not intended to be legally binding (other than the final paragraph of section 7 (Credit Security (For Direct Consumers Only)) on NGT, or to form any offer capable of acceptance and nothing in it shall create any legal relationship between NGT and any prospective participant.

Those offering to provide NGT with services relating to DSR in response to this offer shall satisfy themselves of the accuracy and completeness of any information they may use in preparing their offer submissions, whether such information is provided by NGT, or comes from any other source. NGT, its advisors, and any other person responsible for production of any information to an offer do not accept any duty of care to any prospective participant.

The information contained in this Offer Guidance is, to the best of NGT's belief, accurate and has been provided in good faith. However, no warranty or representation or other obligation or commitment of any kind is given by NGT, its employees, or advisers as to the accuracy or completeness of the information contained in this Offer Guidance.

Neither NGT nor its employees or advisers shall be liable for any error, misstatement, or omission in this Offer Guidance, nor shall any such information constitute a contract or part of a contract.

NGT will produce and publish an offer outcome report in respect of within-day, D-1 and D-5 offers which will be shared with Ofgem and the industry on an anonymous basis within five working days from notification of accepted / rejected option offers to participating participants.

Appendix 1 – Submission Guidance for Direct Contracting Consumers Offer Packs 1,2&3. All fields are mandatory unless specified.

1	Consumer Name	Please insert name of the Consumer (facility operator) that would provide the demand curtailment if exercise by NGT.
2	Consumer Location	Please insert full facility address including postcode.
3	Type of Business	Use Drop Down Box for answer. Several different sectors have been provided. Please select the one which is most relevant to the site / facility which will be offering the demand curtailment
4	If other, please specify	Please confirm the sector which the site / facilities operate in if the list provided is not adequate
5	Supply Meter Point Reference Number	Required to identify the specific site on NGT commercial system
6	Gemini Logical Meter Number	Please enter number if known
7	OPTIONAL: How will the demand reduction be delivered?	Use Drop Down Box for answer, please confirm how the demand reduction offered will be delivered e.g., via fuel switching or reduction in the productivity of the facility
8	OPTIONAL: If the consumer has the capability to switch to back-up fuel, what type of fuel is this?	This is a free text box to enter the type of fuel
9	If your Company does not meet the credit conditions published by NG T, would you 1) Provide the credit support or 2) Do not provide Credit support and elect to receive all Option Fee Instalments after the end of the relevant Winter Period.	Please provide a response stating either 1) or 2) with regards to your credit provision.
10	Will you be using your own Winter Average Demand Forecast.	Please answer Yes or No
11	Please supply 2 operational contacts in priority order so that the Gas National Control Centre can contact if the DSR Option is exercised. If successful, these will be inserted into Schedule 3 of the contract	Please supply details in the boxes provided

12	Please Supply Company Bank Details. If successful, these will be inserted into Schedule 3 of the contract.	Please supply details in the boxes provided
13	Winter Average Demand (WAD)	This field will be populated by NGT after submission if the offer is accepted
14	OPTIONAL: Consumer WAD Forecast	This is your own WAD Forecast. This is optional and should only be included if the answer to Question 10 is Yes
15	DSR Reduced Quantity (kWh/d)	The offered DSR quantity in kWh/d in relation to a DSR Option is the reduced level of offtake (as provided in TPD Section D) expressed as a daily quantity in kWh. (Please note: This is the Quantity to reduce to) Please provide only one DSR Reduced quantity per site per winter period.
16	Option Quantity	This field will be populated by NGT after submission if the offer is accepted
17	Lead Time (Within Day Offers only)	The number of hours required between acceptance of an associated DSR Market Offer by NGT and the time at which it will take effect. Please note this is only required for Within Day offers and is greyed out for Day Ahead and D-5 offers. Please note 6 hours is the highest acceptable Lead time.
18	Option Price (pence/kWh/day)	The price that the Consumer requires to be paid in pence/kWh per day if the option offer is accepted.
19	Total Option Fee for Winter Period	This would be paid to the Consumer in return for its commitment to making the relevant quantity available for gas DSR purposes
20	Exercise Price (pence/kWh or Indexed to System Average Price)	Please confirm if you would like to define an Exercise Price as either a Pence/kWh value or have it indexed to SAP. Please input only one option
21	OPTIONAL: (“Maximum Exercise Period”)	Maximum number of consecutive days on which the DSR Option may be exercised in the Winter Period if left blank this means no such restriction applies
22	OPTIONAL: (“Minimum Exercise Interval”)	Minimum number of days between days of non-consecutive exercise if left blank this means no such restriction applies
23	Is the Offer Linked	Optional if a Consumer wishes to specify that two or more DSR option offers are linked
24	Which Offer is it linked to	To enable NGT to accept or reject the relevant Option Offers

Appendix 2 – Submission Guidance for Shippers Offer Packs 4,5&6. All fields are mandatory unless specified.

1	User Company Name (Including company number)	Please insert the Shipper's company name.
2	User Representative, Job Title	For the purposes of receiving DSR Offer Acceptance Notices and DSR Offer Rejection Notices, and for any questions in relation to the DSR offer, please specify the representative for whose attention such notices are to be marked.
3	User Representative Business Address	Please insert the representative's Business address.
4	User Telephone Number	For the purposes of receiving offer queries, please specify the representative's telephone number.
5	User Out of hours Telephone Number	For the purposes of receiving DSR Market Offer queries which may occur outside of core working hours in the event of the DSR Market opening.
6	User E-mail Address	For the purposes of receiving communications, please specify the representative's email address.
7	User Gemini Shipper Short Code	Please insert the 3-character code
8	Consumer Name	Please insert the name of the Consumer that would provide the demand curtailment if exercise by NGT.
9	Consumer Location	Please insert the full facility address including postcode.
10	Type of Business	Use Drop Down Box for answer. Several different sectors have been provided. Please select the one which is most relevant to the site / facility which will be offering the demand curtailment
11	If other, please specify	Please confirm the sector which the site / facilities operate in if the list provided is not adequate
12	Gemini Logical Meter Number and Meter Point Reference Number	Required to identify the specific site on NGT's commercial system (Gemini)
13	OPTIONAL: How will the demand reduction be delivered?	Use Drop Down Box for answer, please confirm how the demand reduction offered will be delivered e.g., via fuel switching or reduction in the productivity of the facility
14	OPTIONAL: If the consumer has the capability to switch to back-up fuel, what type of fuel is this?	This is a free text box to enter the type of fuel
15	Winter Average Demand	This field will be populated by NGT after submission if the offer is accepted
16	OPTIONAL: Consumer WAD Forecast	This is your own WAD Forecast.
17	DSR Reduced Quantity (kWh/d)	The offered DSR quantity in kWh/d in relation to a DSR Option is the reduced level of offtake (as

		provided in TPD Section D) expressed as a daily quantity in kWh. (Please note: This is the Quantity to reduce to) Please provide only one DSR Reduced quantity per site per winter period.
18	Option Quantity	This field will be populated by NGT after submission if the offer is accepted
19	Lead Time for Reduction (Within Day Offers only)	The number of hours required between acceptance of an associated DSR Market Offer by NGT and the time at which it will take effect. Please note this is only required for Within Day offers and is greyed out for Day Ahead and D-5 offers. Please note 6 hours is the highest acceptable Lead time.
20	Option Price (pence/kWh/day)	The price that the User requires to be paid in pence/kWh per day if the option offer is accepted.
21	Total Option Fee for Winter Period	This is to be paid to the User in return for is commitment to making the relevant quantity available for gas DSR purposes
22	Exercise Price (pence/kWh or Indexed to System Average Price)	Please confirm if you would like to define an Exercise Price as either a Pence/kWh value or have it indexed to the SAP. Please input only one option
23	OPTIONAL: (“Maximum Exercise Period”)	Maximum number of consecutive days on which the DSR Option may be exercised in the Winter Period if left blank this means no such restriction applies
24	OPTIONAL: (“Minimum Exercise Interval”)	Minimum number of days between days of non-consecutive exercise if left blank this means no such restriction applies
25	Is the Offer Linked	Optional for the User to specify that two or more DSR offers are linked
26	Which Offer is it linked to	To enable NGT to accept or reject the relevant Option Offers

Appendix 3 Winter Average Demand worked Examples:

Example 1: How the Option Fee is worked out

DSR Reduced Quantity (a) 150,000 kWh.
 Winter Average Demand (b) 250,000 kWh.
 Option Quantity (b minus a) 100,000 kWh.
 Option Price (in p/kWh/day) 3p per day
 Number of Days in Winter Period (c) = 181
 Daily Option Fee in £ (Option Quantity * Daily Option Fee / 100) = (100,000 x 3p = £3,000)
 Total winter option payment (Daily Option Fee * (c)181) £3,000*181 = **£543,000**

Example 2

DSR Reduced Quantity (a) 150,000 kWh.
 Winter Average Demand (b) 200,000 kWh
 Option Quantity (b minus a) 50,000 kWh

50,000 < 100,000 NGT in this example would **EXCLUDE** this from its assessment process as it is lower than the 100,000 kWh

Example 3: For the Within Day new process

If Option Quantity – (Option Quantity / 24 * lead-time (hours) < 100,000 kWh, then NGT shall exclude that offer from its assessment process
 Winter Average Demand: (a) 300,000 kWh
 DSR Reduced Quantity: 5,000 kWh
 Option Quantity (b) 295,000 kWh
 Offered lead-time (c) 3 hours

Worked example

295,000 (b) – ((b)295,000 / 24 * (c)3)

295,000 - 36,875 = **258,125 kWh**

258,125 > 100,000 ,therefore NGT in this example would regard this as a valid offer and **INCLUDE** in its assessment process as it is greater than the 100,000 kWh criteria.

Example 4: (For the Within Day new process)

Option Quantity – (Option Quantity / 24 * lead-time (hours) < 100,000 kWh, then NGT shall exclude that offer from its assessment process
 Winter Average Demand: (a) 110,000 kWh
 DSR Reduced Quantity: 5,000 kWh
 Option Quantity (b) 105,000 kWh
 Offered lead-time (c) 3 hours

Worked example

105,000(b) – (105,000(b) / 24 *3(c))

105,000 - 13,125 = **91,875 kWh**

91,875 < 100,000, therefore NGT in this example would not regard this as a valid offer and would therefore **EXCLUDE** from its assessment process as it is lower than the 100,000 kWh criteria.