

Monday 20th February 2023

Dear Colleague,

Annual Invitation to Participate in Auction of Quarterly System Entry Capacity

National Gas Transmission¹ invites you to take part in the 2023 Annual Quarterly System Entry Capacity (QSEC) auction which will take place on Business Days from the **20th March 2023** to the **31st March 2023**. The auction is for Quarterly Firm NTS Entry Capacity for the transaction period **1st October 2024** to **30th September 2039**. Users can make applications for each calendar quarter within this period.

The provisions of the Uniform Network Code (UNC)² shall apply to this invitation, the 2023 auction for QSEC and any bids made and rejected or accepted pursuant to such auction, and any subsequent allocation of QSEC. Words and expressions which are capitalised but not defined in this invitation, but which are defined in the UNC shall have the meanings given to them in the UNC.

Please refer to the Joint Office of Gas Transporters website (<http://www.gasgovernance.co.uk/livemods>) with regards to any modification of the UNC which may affect capacity during the transaction period.

Each bidding window in the QSEC auction will commence at 08:00 and close at 17:00 on each day specified below, subject to the stability measure being reached. A QSEC bid may be withdrawn or amended until but not after 17:00 on each day³.

Auction Dates

National Gas Transmission will conduct the annual QSEC auction from the 20th March 2023 to the 31st March 2023 on the annual invitation dates listed below:

Monday 20th March 2023
Tuesday 21st March 2023
Wednesday 22nd March 2023
Thursday 23rd March 2023
Friday 24th March 2023

Monday 27th March 2023
Tuesday 28th March 2023
Wednesday 29th March 2023
Thursday 30th March 2023
Friday 31st March 2023

National Gas Transmission shall close the annual QSEC auction on the last date listed, or before if the stability measure is reached⁴. The earliest this can occur is after Interim Bid Window 2 (IBW2) from 21st March 2023 onwards.

¹Pursuant to Section B 2.2.1(d) of the Transportation Principal Document (TPD) of the Uniform Network Code (UNC), National Grid Gas plc ("National Grid") in its role as holder of the Gas Transporter Licence in respect of the National Transmission System (NTS) (the "Licence").

²Including in particular, but not limited to, TPD Section B of the UNC.

³As specified in TPD Section B 2.2.9(b) of the UNC.

⁴ In accordance with the provisions of the UNC and, in particular, TPD Section B2.2.17.

National Gas Transmission reserves the right to amend the auction timings, withdraw and re-issue the auction invitation. Furthermore, although unlikely, National Gas Transmission reserves the right to raise UNC Modifications, requesting urgency or otherwise.

Entry Capacity Regime

It is a User's responsibility to understand the NTS Entry Capacity regime, determine a strategy and bid accordingly. For further information on the regime and QSEC auctions please refer to Appendix 3 onwards.

As stated previously, please refer to the Joint Office of Gas Transporters website with regards to any outstanding modifications which may affect capacity during this transaction period via:
<http://www.gasgovernance.co.uk/livemods>.

Entry Capacity Retainers

In accordance with the NTS Entry Capacity Substitution (ECS) Methodology Statement, National Gas Transmission opened the retainer window on 17th & 19th January 2023, for Shippers to participate and take out a retainer at Aggregated System Entry Points (ASEPs), where they wanted to exclude available Entry Capacity from being treated as Substitutable Capacity⁵ without having to buy it.

There were no retainers requested during the retainer windows on the dates above.

NTS Entry Capacity Offered

National Gas Transmission invites offers in respect of the Unsold NTS Entry Capacity⁶, as shown in Appendix 2.

Requests for Incremental Obligated Entry Capacity (IOEC) that cannot be met through substitution may be allocated as Non-Obligated Incremental Entry Capacity at the sole discretion of National Gas Transmission.

Entry Capacity Substitution

The NTS Entry Capacity Substitution Methodology Statement can be found via the following link:
<https://www.nationalgrid.com/uk/gas-transmission/capacity/capacity-methodology-statements>

The principle of NTS Entry Capacity Substitution may be applied to meet demand for Incremental Obligated Entry Capacity (IOEC) in the March 2023 QSEC auction. Entry Capacity Substitution means that where IOEC is required, this should first be met by reducing Available Obligated Entry Capacity at other ASEPs (the "donor" ASEPs) where capacity is unsold and not otherwise excluded from substitution, before undertaking investment in new infrastructure. The result of this is that, when the substitution obligation is applied, NTS Entry Capacity that is not booked can be moved to other ("recipient") ASEPs and will not be available as unsold obligated capacity at the original (donor) ASEP in future auctions. In addition to this, capacity that has been reserved under the Planning and Advanced Reservation of Capacity Agreement (PARCA) process will be excluded from substitution.

⁵ As defined in the NTS ECS Methodology Statement.

⁶ In accordance with its obligation pursuant to UNC TPD Section B2.2.

Whilst National Gas Transmission may be able to satisfy a request for capacity via the release of non-obligated capacity, or via substitution, the only way to guarantee release of incremental capacity is via the PARCA process.

Information Provision

Information will be published by National Gas Transmission after each Interim Bid Window (IBW) on each Business Day the auction remains open, for each Aggregate System Entry Point (ASEP) and each relevant quarter. This can be found on Gemini report screens (Product > Publish Results > MoS Results > screens) and will be available by 20:00⁷, and on the National Gas Transmission website as soon as practicable via the following link and by selecting the following criteria:

<https://mip-prd-web.azurewebsites.net/EntryCapacityAuctions/Index>

Auction Type: Quarterly System Entry Capacity
Report Type: Bid Window Results
From Month/Year: October 2024
To Month/Year: September 2039

The final allocation will be determined by application of the tests described in National Gas Transmission's current Incremental Entry Capacity Release (ECR) Model and Methodology Statement and UNC (TPD Section B.2.7). The ECR statement can be found via:

<https://www.nationalgridgas.com/capacity/capacity-methodology-statements>

National Gas Transmission will inform Users of their QSEC capacity allocation, in accordance with UNC TPD Section B.2.7.7, within Gemini no later than two calendar months after the last annual invitation date, and therefore, at the latest by 18th April 2023. Allocation information will be published by National Gas Transmission within Gemini, and also on the National Gas Transmission website, in accordance with the UNC TPD Section B2.15.2 for each ASEP and each relevant period via the following link and by selecting the following criteria:

<https://mip-prd-web.azurewebsites.net/EntryCapacityAuctions/Index>

Auction Type: Quarterly System Entry Capacity
Report Type: Allocation Results
From Month/Year: October 2024
To Month/Year: September 2039 **Reserve/Incremental Prices**

In addition to modification UNC678A ("Amendments to Gas Transmission Charging Regime") implemented 1st October 2020, in December 2020, Ofgem approved modification UNC0727 ("Increasing the Storage Transmission Capacity Charge Discount to 80%") for implementation from 1st October 2021 which increased the storage discount applied from 50% to 80%.

More information about these modifications can be accessed via:

<https://www.gasgovernance.co.uk/closedmods>

⁷ In accordance with UNC TPD Section B.2.14.1

Market participants should keep up to date and engage with live UNC changes, and be aware of those with Ofgem for decision via the Joint Office of Gas Transporters' website (<http://www.gasgovernance.co.uk/livemods> and <http://gasgovernance.co.uk/index.php/withofgem>).

Please note that the charges included in this notice are calculated based on current methodology, and are in line with the UNC at the time of writing.

Entry Capacity reserve prices are included in Appendix 1 of this letter. For the purposes of capacity step prices used in the QSEC Auction, these will be an additional 5% of the applicable Reserve Price or 0.0001 p/kWh/d, whichever is the greatest. The number of steps applicable for each Entry Point is as per Appendix D of the Gas Transmission Transportation Charges document (see link in Appendix 1).

Other Information

National Gas Transmission's views on potential future demand for NTS Entry Capacity and its implications for the Gas National Transmission System are reflected by the supply scenarios described in its current Gas Ten Year Statement which can be found via: <https://www.nationalgas.com/insight-and-innovation/gas-ten-year-statement-gtys>

High level information on the key drivers behind the Future Energy Scenarios (FES) within the Ten Year Statement can be found via: <https://www.nationalgrideso.com/future-energy/future-energy-scenarios>

National Gas Transmission's supply forecasts are built from information received from a combination of its FES consultation process and commercial sources. It is anticipated that long-term capacity (QSEC) auctions will provide a further source of information.

Please note that this invitation is being sent by e-mail via the Energy Networks Association. An ANS message will also be issued informing users that the invitation has been published. The invitation will also be posted on the National Gas Transmission website via the following link and by selecting the following criteria: <https://mip-prd-web.azurewebsites.net/EntryCapacityAuctions/Index>

Auction Type: Quarterly System Entry Capacity
Report Type: Invitation Letter
From/To Month/Year: October 2024 to September 2039

National Gas Transmission has put this document together with due care and in good faith. In the unlikely event of an error, National Gas Transmission reserves its right to correct the error, amend and re-issue the letter, as required.

If you have any queries with regards to entry capacity, the auction mechanism, Gemini or information provision, please do contact a member of our team on +44 (0)1926 654 057. Alternatively, you can e-mail the Capacity Auctions Team regarding any capacity issues at: capacityauctions@nationalgrid.com



The relevant information relating to this auction (QSEC 2023) can be found in the following Appendices:

- Appendix 1 Entry Capacity reserve prices and price steps (p/kWh)
- Appendix 2 Entry Capacity Unsold Obligated Quantity Offered (kWh/day)
- Appendix 3 Useful sources relating to Entry Capacity Regime and QSEC auctions
- Appendix 4 Potential Advisors for bidding strategies/other commercial advice

Yours faithfully,

Capacity Auctions Team
Gas Operations, National Gas Transmission

Appendix 1

Entry Capacity reserve prices and price steps (p/kWh)

	HOLEHOUSE FARM STORAGE
Obligated Level	0.014
5.0%	0.0147
10.0%	0.0154
15.0%	0.0161
20.0%	0.0168
25.0%	0.0175
30.0%	0.0182
35.0%	0.0189
40.0%	0.0196
45.0%	0.0203
50.0%	0.021
Obligated Level (GWh/d)	296.6

	TEESSIDE	MILFORD HAVEN	CANONBIE	ISLE OF GRAIN LNG
Obligated Level	0.0698	0.0698	0.0698	0.0698
5.0%	0.0733	0.0733	0.0733	0.0733
10.0%	0.0768	0.0768	0.0768	0.0768
15.0%	0.0803	0.0803	0.0803	0.0803
20.0%	0.0838	0.0838	0.0838	0.0838
25.0%	0.0873	0.0873	0.0873	0.0873
30.0%	0.0907	0.0907	0.0907	0.0907
35.0%	0.0942	0.0942	0.0942	0.0942
40.0%	0.0977	0.0977	0.0977	0.0977
45.0%	0.1012	0.1012	0.1012	0.1012
50.0%	0.1047	0.1047	0.1047	0.1047
55.0%	0.1082	0.1082	0.1082	0.1082
60.0%	0.1117	0.1117	0.1117	0.1117
65.0%	0.1152	0.1152	0.1152	0.1152
70.0%	0.1187	0.1187	0.1187	0.1187
75.0%	0.1222	0.1222	0.1222	0.1222
80.0%	0.1256	0.1256	0.1256	0.1256
85.0%	0.1291	0.1291	0.1291	0.1291
90.0%	0.1326	0.1326	0.1326	0.1326
95.0%	0.1361	0.1361	0.1361	0.1361
100.0%	0.1396	0.1396	0.1396	0.1396
Obligated Level (GWh/d)	445.1	950	0	699.68

	GARTON	EASINGTON	Bacton UKCS	ROUGH STORAGE
Obligated Level	0.014	0.0698	0.0698	0.014
5.0%	0.0147	0.0733	0.0733	0.0147
10.0%	0.0154	0.0768	0.0768	0.0154
15.0%	0.0161	0.0803	0.0803	0.0161
20.0%	0.0168	0.0838	0.0838	0.0168
25.0%	0.0175	0.0873	0.0873	0.0175
30.0%	0.0182	0.0907	0.0907	0.0182
35.0%	0.0189	0.0942	0.0942	0.0189
40.0%	0.0196	0.0977	0.0977	0.0196
45.0%	0.0203	0.1012	0.1012	0.0203
50.0%	0.021	0.1047	0.1047	0.021
55.0%	0.0217	0.1082	0.1082	0.0217
60.0%	0.0224	0.1117	0.1117	0.0224
65.0%	0.0231	0.1152	0.1152	0.0231
70.0%	0.0238	0.1187	0.1187	0.0238
75.0%	0.0245	0.1222	0.1222	0.0245
80.0%	0.0252	0.1256	0.1256	0.0252
85.0%	0.0259	0.1291	0.1291	0.0259
90.0%	0.0266	0.1326	0.1326	0.0266
95.0%	0.0273	0.1361	0.1361	0.0273
100.0%	0.028	0.1396	0.1396	0.028
Obligated Level (GWh/d)	420	1407.15	485.6	0

	CHESHIRE STORAGE	ST FERGUS	THEDDLETHORPE	Murrow
Obligated Level	0.014	0.0698	0.0698	0.0698
5.0%	0.0147	0.0733	0.0733	0.0733
10.0%	0.0154	0.0768	0.0768	0.0768
15.0%	0.0161	0.0803	0.0803	0.0803
20.0%	0.0168	0.0838	0.0838	0.0838
25.0%	0.0175	0.0873	0.0873	0.0873
30.0%	0.0182	0.0907	0.0907	0.0907
35.0%	0.0189	0.0942	0.0942	0.0942
40.0%	0.0196	0.0977	0.0977	0.0977
45.0%	0.0203	0.1012	0.1012	0.1012
50.0%	0.021	0.1047	0.1047	0.1047
55.0%	0.0217	0.1082	0.1082	0.1082
60.0%	0.0224	0.1117	0.1117	0.1117
65.0%	0.0231	0.1152	0.1152	0.1152
70.0%	0.0238	0.1187	0.1187	0.1187
75.0%	0.0245	0.1222	0.1222	0.1222
80.0%	0.0252	0.1256	0.1256	0.1256
85.0%	0.0259	0.1291	0.1291	0.1291
90.0%	0.0266	0.1326	0.1326	0.1326
95.0%	0.0273	0.1361	0.1361	0.1361
100.0%	0.028	0.1396	0.1396	0.1396
Obligated Level (GWh/d)	556.27	1500	0	0

	BARROW	FLEETWOOD
Obligated Level	0.0698	0.014
5.0%	0.0733	0.0147
10.0%	0.0768	0.0154
15.0%	0.0803	0.0161
20.0%	0.0838	0.0168
25.0%	0.0873	0.0175
30.0%	0.0907	0.0182
35.0%	0.0942	0.0189
40.0%	0.0977	0.0196
45.0%	0.1012	0.0203
50.0%	0.1047	0.021
55.0%	0.1082	0.0217
60.0%	0.1117	0.0224
65.0%	0.1152	0.0231
70.0%	0.1187	0.0238
75.0%	0.1222	0.0245
80.0%	0.1256	0.0252
85.0%	0.1291	0.0259
90.0%	0.1326	0.0266
95.0%	0.1361	0.0273
100.0%	0.1396	0.028
Obligated Level (GWh/d)	340.01	350

	BURTON POINT ONSHORE	WYTCH FARM ONSHORE	HATFIELD MOORS ONSHORE	GLENMAVIS LNG
Obligated Level	0.0698	0.0698	0.0698	0.014
5.0%	0.0733	0.0733	0.0733	0.0147
10.0%	0.0768	0.0768	0.0768	0.0154
15.0%	0.0803	0.0803	0.0803	0.0161
20.0%	0.0838	0.0838	0.0838	0.0168
25.0%	0.0873	0.0873	0.0873	0.0175
Obligated Level (GWh/d)	73.5	3.3	0.3	99

	CAYTHORPE ONSHORE	HATFIELD MOORS STORAGE	DYNEVOR ARMS LNG
Obligated Level	0.014	0.014	0.014
5.0%	0.0147	0.0147	0.0147
10.0%	0.0154	0.0154	0.0154
15.0%	0.0161	0.0161	0.0161
20.0%	0.0168	0.0168	0.0168
25.0%	0.0175	0.0175	0.0175
Obligated Level (GWh/d)	90	25	49

	BARTON STACEY	AVONMOUTH LNG
Obligated Level	0.014	0.014
5.0%	0.0147	0.0147
10.0%	0.0154	0.0154
15.0%	0.0161	0.0161
20.0%	0.0168	0.0168
25.0%	0.0175	0.0175
30.0%	0.0182	0.0182
Obligated Level (GWh/d)	172.6	179.3

	PARTINGTON LNG
Obligated Level	0.014
5.0%	0.0147
10.0%	0.0154
15.0%	0.0161
20.0%	0.0168
25.0%	0.0175
30.0%	0.0182
35.0%	0.0189
Obligated Level (GWh/d)	201.43

	HORNSEA STORAGE
Obligated Level	0.014
5.0%	0.0147
10.0%	0.0154
15.0%	0.0161
20.0%	0.0168
25.0%	0.0175
30.0%	0.0182
35.0%	0.0189
40.0%	0.0196
Obligated Level (GWh/d)	233.1

Appendix 2

Entry Capacity Unsold Obligated Quantity Offered (kWh/day)

01/10/2024 to 30/09/2025

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	304,532,612	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	114,827,469	-	422,432,501	407,332,501
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	-	-	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	444,794,388	391,194,388	1,233,912,829	1,234,312,829
FLEETWOOD	FL	315,000,000	-	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	-	-	-	-
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	137,112,000	137,112,000	107,112,000	207,112,000
MILFORD HAVEN	MH	95,000,000	-	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,343,035,095	1,343,524,843	1,346,241,190	1,346,241,190
TEESSIDE	TE	346,255,252	353,732,445	354,496,567	354,663,710
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2025 to 30/09/2026

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	131,456,667	131,456,667	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	507,658,239	506,769,351	1,236,953,795	1,236,953,795
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	-	-	-	-
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000

HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	207,112,000	207,112,000	207,112,000	207,112,000
MILFORD HAVEN	MH	95,000,000	-	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,346,241,190	1,347,247,882	1,347,247,882	1,347,247,882
TEESSIDE	TE	354,989,020	361,740,844	362,372,468	362,537,400
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2026 to 30/09/2027

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	631,835,000	630,946,111	1,245,835,000	1,245,835,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	148,500,000	148,500,000	148,500,000	148,500,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	207,112,000	207,112,000	207,112,000	207,112,000
MILFORD HAVEN	MH	95,000,000	-	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	362,797,271	370,913,323	371,400,865	371,703,842
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2027 to 30/09/2028

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	784,435,000	784,435,000	1,266,435,000	1,266,435,000

FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	148,500,000	148,500,000	148,500,000	148,500,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	207,112,000	207,112,000	207,112,000	207,112,000
MILFORD HAVEN	MH	745,000,000	-	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGIUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	372,942,474	378,556,559	378,556,559	378,556,559
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2028 to 30/09/2029

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	148,500,000	148,500,000	148,500,000	148,500,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	279,712,000	279,712,000	279,712,000	279,712,000
MILFORD HAVEN	MH	745,000,000	-	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGIUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	378,556,559	380,378,599	380,378,599	380,378,599
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2029 to 30/09/2030

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000

Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,712,000	629,712,000	629,712,000	629,712,000
MILFORD HAVEN	MH	855,000,000	205,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	380,378,599	384,531,852	384,531,852	384,531,852
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2030 to 30/09/2031

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,712,000	629,712,000	629,712,000	629,712,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	384,531,852	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2031 to 30/09/2032

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,400,000	266,400,000	266,400,000	266,400,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,712,000	629,712,000	629,712,000	629,712,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2032 to 30/09/2033

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	-	-	-	-
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250

ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2033 to 30/09/2034

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	25,440,750	25,440,750	25,440,750	25,440,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2034 to 30/09/2035

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	500,640,750	500,640,750	500,640,750	500,640,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000

HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGIUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2035 to 30/09/2036

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	500,640,750	500,640,750	500,640,750	500,640,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGIUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2036 to 30/09/2037

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	500,640,750	500,640,750	500,640,750	500,640,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000

EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2037 to 30/09/2038

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000
BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	500,640,750	500,640,750	500,640,750	500,640,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2038 to 30/09/2039

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
AVONMOUTH LNG	AV	161,370,000	161,370,000	161,370,000	161,370,000
BURTON POINT ONSHORE	BP	66,150,000	66,150,000	66,150,000	66,150,000
BARROW	BR	306,009,000	306,009,000	306,009,000	306,009,000

BARTON STACEY	BS	155,340,000	155,340,000	155,340,000	155,340,000
Bacton UKCS	BU	437,040,000	437,040,000	437,040,000	437,040,000
CANONBIE	CB	-	-	-	-
CHESHIRE STORAGE	CH	500,640,750	500,640,750	500,640,750	500,640,750
CAYTHORPE ONSHORE	CT	81,000,000	81,000,000	81,000,000	81,000,000
DYNEVOR ARMS LNG	DA	44,100,000	44,100,000	44,100,000	44,100,000
EASINGTON	EA	1,266,435,000	1,266,435,000	1,266,435,000	1,266,435,000
FLEETWOOD	FL	315,000,000	315,000,000	315,000,000	315,000,000
GLENMAVIS LNG	GM	89,100,000	89,100,000	89,100,000	89,100,000
GARTON	GR	378,000,000	378,000,000	378,000,000	378,000,000
HOLEHOUSE FARM STORAGE	HH	266,940,000	266,940,000	266,940,000	266,940,000
HATFIELD MOORS ONSHORE	HM	270,000	270,000	270,000	270,000
HORNSEA STORAGE	HS	209,790,000	209,790,000	209,790,000	209,790,000
HATFIELD MOORS STORAGE	HT	22,500,000	22,500,000	22,500,000	22,500,000
ISLE OF GRAIN LNG	IG	629,676,000	629,676,000	629,676,000	629,676,000
MILFORD HAVEN	MH	855,000,000	855,000,000	855,000,000	855,000,000
Murrow	MU	-	-	-	-
PARTINGTON LNG	PR	181,289,250	181,289,250	181,289,250	181,289,250
ROUGH STORAGE	RO	-	-	-	-
ST FERGUS	SF	1,350,000,000	1,350,000,000	1,350,000,000	1,350,000,000
TEESSIDE	TE	400,581,000	400,581,000	400,581,000	400,581,000
THEDDLETHORPE	TH	-	-	-	-
WYTCH FARM ONSHORE	WF	2,970,000	2,970,000	2,970,000	2,970,000

Appendix 3

Useful Sources Relating to the Entry Capacity Regime and QSEC Auctions

National Gas Transmission website for QSEC presentation material

<https://www.nationalgrid.com/uk/gas-transmission/capacity/entry-capacity>

Joint Office website for UNC documentation and for Transmission Workstream meeting minutes

www.gasgovernance.co.uk

Ofgem website for NTS Licence and NTS Licence amendments

www.ofgem.gov.uk

Entry Capacity Release (ECR) Methodology Statement

<https://www.nationalgrid.com/uk/gas-transmission/capacity/capacity-methodology-statements>

Entry Capacity Substitution (ECS) Methodology Statement

<https://www.nationalgrid.com/uk/gas-transmission/capacity/capacity-methodology-statements>

Gas Ten Year Statement (GTYS)

<https://www.nationalgrid.com/uk/publications/gas-ten-year-statement-gtys>

UK Future Energy Scenarios (UKFES) webpage

<https://www.nationalgrideso.com/future-energy/future-energy-scenarios>

Appendix 4

Potential Advisors for bidding strategies/other commercial advice

We have asked potential advisors to contact us if they wish to have their details included in the QSEC invitation letter.

Below is a list of those advisors that have responded, listed in alphabetical order.

Please note that National Gas Transmission has not vetted any requests and that inclusion in the list does not imply they are recommended by National Gas Transmission or meet any relevant professional standard. Users should satisfy themselves of the expertise of any potential advisor before engaging them.

The list is as follows:

Calvert Consultancy Ltd in association with Waters Wye Associates

Elaine Calvert	+44(0)7879 431 479	elaine@calvertconsultancy.co.uk
Nick Wye	+44(0)1789 266 811	nick@waterswye.co.uk

Ellswood Limited

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	+44(0)1564 784 825	

Afry Management Consulting

Angus Paxton	+44 (0)7766 824 716	angus.paxton@afry.com
John Williams	+44 (0)7970 572 450	john.williams@afry.com
Websites:	www.afry.com	

Potential advisors wishing to be included in future lists should contact the Capacity Auctions Team at National Gas Transmission.