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Monday 17<sup>th</sup> February 2014

Dear Colleague,

**Annual Invitation to Participate in Auction  
of Quarterly System Entry Capacity**

Pursuant to Section B2.2.1(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") invites you to take part in the 2014 auction for Quarterly System Entry Capacity (QSEC). National Grid will conduct the annual QSEC auction on Business Days between **17<sup>th</sup> March 2014 and 28<sup>th</sup> March 2014**.

The auction is for Quarterly Firm NTS Entry Capacity for the transaction period **1<sup>st</sup> October 2015 to 30<sup>th</sup> September 2030**. Users can make applications for each calendar quarter within this period.

The provisions of the UNC (including in particular, but not limited to, TPD Section B) shall apply to this invitation, the 2014 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.

As specified in TPD Section B2.2.9(a) of the UNC, each bidding window in the QSEC auction will commence at 08:00 and close at 17:00 on each day specified below. A QSEC bid may be withdrawn or amended until, but not after, 17:00 on each day.

**Auction Timing**

In accordance with UNC TPD Section B2.2.1(d), National Grid will conduct the annual QSEC auction between 17<sup>th</sup> March 2014 and 28<sup>th</sup> March 2014 on the annual invitation dates listed below.

- **Monday 17<sup>th</sup> March**
- **Tuesday 18<sup>th</sup> March**
- **Wednesday 19<sup>th</sup> March**
- **Thursday 20<sup>th</sup> March**
- **Friday 21<sup>st</sup> March**
- **Monday 24<sup>th</sup> March**
- **Tuesday 25<sup>th</sup> March**
- **Wednesday 26<sup>th</sup> March**
- **Thursday 27<sup>th</sup> March**
- **Friday 28<sup>th</sup> March**

In accordance with the provisions of the UNC (and, in particular, TPD Section B2.2.19), National Grid shall close the annual QSEC auction on the last date listed, or before if the stability measure is reached. The earliest this can occur is after Interim Bid Window 2 (IBW2) from 18<sup>th</sup> March 2014 onwards.

National Grid reserves the right (as far as allowed under UNC) to amend the auction timings and withdraw and re-issue the auction invitation. Furthermore, although unlikely, National Grid reserves the right to raise UNC Modifications, requesting urgency or otherwise.

### **Information Provision**

Information will be published by National Grid 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, on Gemini report screens (Product>Publish Results>MoS Results>screens) by 8pm (as per UNC TPD Section B.2.14.1), and on the National Grid website as soon as practicable via <http://marketinformation.natgrid.co.uk/Gas/CapacityReports.aspx> and by selecting the following criteria:

Auction Type:	Quarterly System Entry Capacity
Report Type:	Bid Window Results
From Month/Year:	Oct-15
To Month/Year:	Sep-30

The final allocation will be determined by application of the tests described in National Grid's current Incremental Entry Capacity Release Model and Methodology Statement (IECR) and UNC TPD Section B.2.6). The IECR statement is available on the National Grid website <http://www2.nationalgrid.com/uk/Industry-information/Gas-capacity-methodologies/Entry-Capacity-Release-Methodology-Statement/>

National Grid will inform Users of their QSEC capacity allocation, in accordance with UNC TPD Section B.2.6.7, within Gemini no later than two calendar months after the last annual invitation date and therefore, at the latest by 28<sup>th</sup> May 2014. Allocation information will be published by National Grid within Gemini and also on the National Grid website in accordance with the UNC TPD Section B.2.14.2 for each ASEP and each relevant period via <http://marketinformation.natgrid.co.uk/Gas/CapacityReports.aspx> and by selecting the following criteria:

Auction Type:	Quarterly System Entry Capacity
Report Type:	Allocation Results
From Month/Year:	Oct-15
To Month/Year:	Sep-30

### **NTS Entry Capacity Offered**

In accordance with its obligation pursuant to UNC TPD Section B2.2, National Grid invites offers in respect of the Unsold NTS Entry Capacity, as shown in Appendix 2.

The levels of Incremental Obligated Entry Capacity (IOEC) to be made available for sale are listed in Appendix 1 and the lead times associated with the provision of IOEC at each ASEP can be found in the relevant section of this letter.

### **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 4 onwards.

<sup>1</sup> This document is one of a suite of documents that describe the release of incremental capacity by National Grid NTS and the methodologies behind them. The other documents are available on our website at: <http://www2.nationalgrid.com/uk/industry-information/gas-capacity-methodologies/entry-capacity-substitution-methodology-statement/>

## **Entry Capacity Substitution**

The NTS Entry Capacity Substitution Methodology Statement<sup>1</sup> (ECS) is available on the National Grid website via <http://www2.nationalgrid.com/uk/industry-information/gas-capacity-methodologies/entry-capacity-substitution-methodology-statement/>The principle of NTS Entry Capacity Substitution may be applied when meeting demand for Incremental Obligated Entry Capacity (IOEC) in the March 2014 QSEC.

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.

## **Entry Capacity Retainers**

In accordance with UNC TPD Section B2.15 and in particular the ECS, National Grid opened the retainer window on 21<sup>st</sup> and 23<sup>rd</sup> January 2014 for Shippers to participate and take out a retainer at ASEPs where they wanted to exclude available entry capacity from being treated as Substitutable Capacity<sup>2</sup>, without having to buy and be allocated the capacity. The Retainer invitation notice and aggregate results were published via <http://marketinformation.natgrid.co.uk/Gas/CapacityReports.aspx>.

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

## **Lead Times for Release of Capacity**

The default lead time for the release of IOEC is 42 months<sup>3</sup>, as defined in the Licence, and applies to all ASEPs unless it is modified by NGG via one of the incentive related options available to it.

Throughout our stakeholder engagement sessions, we have demonstrated that the timescales required to deliver large gas system infrastructure projects may significantly increase following the implementation of the Planning Act (2008). This may result in a significant mismatch between those timescales and National Grid is of the view that this is likely to increase the default timescales for release of Incremental Obligated Entry Capacity.

The Planning Act (2008) introduced a new process for planning decisions for Nationally Significant Infrastructure Projects (NSIPs), which are applicable to gas infrastructure projects. For NSIPs, the new planning process requires extensive optioneering and consultation with the community prior to the consideration of the application by the Planning Inspectorate and decision by the Secretary of State. This is likely to increase lead-times for complex construction projects to between an estimated 72 and 96 months from the point of a formal capacity signal to delivery of that capacity.

National Grid and the industry have worked together to develop potential solutions to modify and align the NTS capacity and connections processes more effectively via the proposed introduction of Planning and Advanced Reservation of Capacity Agreements (PARCAs – UNC Modifications 0452V and 0465V ); however, these solutions will not be implemented in time for, or be applicable to, the March 2014 QSEC Auction.

In August 2013 National Grid issued an open letter to Shippers and developers in order to understand their NTS Entry Capacity requirements for the March 2014 QSEC Auction. We received no new customer intelligence following this process and therefore in accordance with Special Condition C8D part A, paragraph 3(g) of the Licence and paragraphs 44 to 64 of the IECR, National Grid has varied the default lead time for releasing IOEC from 42 months at the following ASEPs by the quantities indicated:

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<sup>2</sup> As defined in the ECS.

<sup>3</sup> 42 months from the 1<sup>st</sup> day of the month following the end of the Annual Invitation Period (as referred to in UNC TPD Section B2.2.3(a)(ii)).

## Isle of Grain

- Quantities of IOEC, in line with the published step prices up to and including 139.9 GWh/d, will be made available with a 42 month lead time
- Quantities in excess of 139.9GWh/d, i.e. from price step 157.4GWh/d and above, will be made available with a 78 month lead time

## Milford Haven

- All quantities of IOEC will be made available with a 78 month lead time

If bids are submitted for IOEC in advance of the stated lead time for the above ASEPs, National Grid will determine whether it is economic and efficient to release the capacity.

## **Incremental Prices**

On 16<sup>th</sup> January 2014 National Grid issued the Statement of Gas Transmission Transportation Charges in which are detailed the incremental price steps and level of incremental capacity for use during the QSEC auction. Appendix D of the statement contains the Entry Capacity reserve prices together with the price steps for each level of incremental capacity for use in the QSEC auction, while Appendix E covers the estimated project values.

The statement can be found at <http://www.gasgovernance.co.uk/ntscharges/2014>. Entry Capacity reserve prices and price steps are included in Appendix 1 of this letter.

## **Quarterly System Entry Capacity (QSEC) Surrender Auction**

Following implementation of UNC modification 0449 and pursuant to TPD Section B Annex B-3 of the Uniform Network Code, National Grid invited Users to submit surrender offers in kWh/day at the Bacton ASEP, via a surrender window, for inclusion within a QSEC surrender auction.

The surrender window closed at 17:00 on the 7<sup>th</sup> February 2014 and the aggregate quantity of NTS Entry capacity that Users have offered to surrender, in respect of the Bacton ASEP, for each surrender period (month), is zero; this is shown in Appendix 3 attached to this invitation letter.

## **Other Information**

National Grid'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 - <http://www2.nationalgrid.com/UK/Industry-information/Future-of-Energy/Gas-Ten-Year-Statement/>. High level information on the key drivers behind the scenarios within the Ten Year Statement may be found in our [UK Future Energy Scenarios document](#).

National Grid's supply forecasts are built from information received from a combination of its Transporting Britain's Energy (TBE) 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 Joint Office and by webfax (business hours operational list). The fax delivery notification audit report will be considered as evidence of receipt. An ANS message will also be issued informing users that the invitation has been issued. The invitation will also be posted on the National Grid website via <http://marketinformation.natgrid.co.uk/Gas/CapacityReports.aspx> and by selecting the following criteria:

Auction Type:	Quarterly System Entry Capacity
Report Type:	Invitation Letter
From/To Month/Year:	Oct-15 to Sep-30

National Grid has put this document together with due care and in good faith. In the unlikely event of an error, National Grid reserves its right to correct the error and amend relevant elements of the auction as required.

If you have any queries with regards to entry capacity, the auction mechanism, Gemini or information provision then please do not hesitate to contact a member of our team on +44 (0)1926 65 4057. Alternatively you can e-mail the capacity team regarding any capacity issues at [capacityauctions@nationalgrid.com](mailto:capacityauctions@nationalgrid.com).

The relevant information relating to this auction (QSEC 2014) can be found in the following Appendices:

- **Appendix 1**      **Entry Capacity reserve prices and price steps**
- **Appendix 2**      **Unsold Obligated Capacity, by ASEP, by quarter**
- **Appendix 3**      **Aggregate amount of Quarterly NTS Entry Capacity offered for surrender (kWh/d)**
- **Appendix 4**      **Useful sources relating to Entry Capacity Regime and QSEC auctions**
- **Appendix 5**      **List of Potential Advisors for bidding strategies/other commercial advice**

Yours faithfully,

Helen Bennett  
Market Operation  
National Grid

## Appendix 1

### Entry Capacity reserve prices and price steps

Pence/kWh/day

	Bacton	Barrow	Cheshire	Canonbie	Easington & Rough	Fleetwood	Garton	Isle of Grain	Milford Haven	St Fergus	Teesside	Theddlethorpe
Obligated Level	0.0096	0.0001	0.0001	0.0034	0.0130	0.0020	0.0129	0.0013	0.0205	0.0430	0.0090	0.0123
2.5%	0.0102	0.0002	0.0002	0.0035	0.0131	0.0021	0.0131	0.0014	0.0211	0.0441	0.0091	0.0124
5.0%	0.0103	0.0003	0.0019	0.0036	0.0132	0.0022	0.0132	0.0015	0.0214	0.0458	0.0092	0.0128
7.5%	0.0104	0.0004	0.0020	0.0037	0.0133	0.0023	0.0143	0.0017	0.0223	0.0460	0.0095	0.0129
10.0%	0.0105	0.0005	0.0021	0.0038	0.0143	0.0024	0.0144	0.0023	0.0224	0.0461	0.0096	0.0130
12.5%	0.0112	0.0006	0.0022	0.0039	0.0144	0.0025	0.0145	0.0025	0.0225	0.0462	0.0097	0.0131
15.0%	0.0114	0.0007	0.0049	0.0040	0.0145	0.0026	0.0146	0.0095	0.0226	0.0463	0.0098	0.0135
17.5%	0.0115	0.0009	0.0050	0.0041	0.0146	0.0027	0.0147	0.0096	0.0227	0.0469	0.0099	0.0136
20.0%	0.0116	0.0011	0.0051	0.0042	0.0147	0.0028	0.0148	0.0097	0.0228	0.0475	0.0100	0.0137
22.5%	0.0117	0.0012	0.0052	0.0043	0.0148	0.0029	0.0149	0.0098	0.0229	0.0476	0.0101	0.0138
25.0%	0.0127	0.0013	0.0053	0.0044	0.0149	0.0040	0.0150	0.0099	0.0230	0.0482	0.0102	0.0139
27.5%	0.0133	0.0014	0.0054	0.0045	0.0156	0.0041	0.0151	0.0100	0.0231	0.0483	0.0103	0.0141
30.0%	0.0135	0.0015	0.0055	0.0046	0.0158	0.0042	0.0152	0.0101	0.0232	0.0507	0.0104	0.0142
32.5%	0.0140	0.0016	0.0060	0.0047	0.0159	0.0043	0.0153	0.0102	0.0237	0.0508	0.0117	0.0143
35.0%	0.0147	0.0017	0.0061	0.0048	0.0163	0.0044	0.0154	0.0103	0.0238	0.0509	0.0120	0.0144
37.5%	0.0148	0.0018	0.0062	0.0049	0.0164	0.0045	0.0155	0.0104	0.0244	0.0510	0.0121	0.0145
40.0%	0.0157	0.0019	0.0064	0.0050	0.0170	0.0046	0.0156	0.0105	0.0245	0.0511	0.0122	0.0146
42.5%	0.0160	0.0020	0.0087	0.0051	0.0171	0.0047	0.0157	0.0110	0.0249	0.0512	0.0123	0.0147
45.0%	0.0184	0.0021	0.0088	0.0052	0.0172	0.0048	0.0158	0.0111	0.0250	0.0513	0.0124	0.0148
47.5%	0.0201	0.0022	0.0099	0.0053	0.0173	0.0049	0.0159	0.0112	0.0251	0.0514	0.0125	0.0149
50.0%	0.0202	0.0023	0.0100	0.0054	0.0174	0.0050	0.0160	0.0115	0.0256	0.0515	0.0127	0.0150
Obligated Level (GWh/d)	1783.4	340.0	542.7	0	1407.15	650	420	699.68	950	1670.7	445.09	610.7

Hole House Farm		Hornsea		Partington		Avonmouth		Barton Stacey	
Obligated Level	0.0001	Obligated Level	0.0118	Obligated Level	0.0001	Obligated Level	0.0001	Obligated Level	0.0001
5.1%	0.0002	6.4%	0.0119	7.0%	0.0010	8.4%	0.0002	8.7%	0.0022
10.1%	0.0003	12.9%	0.0120	14.0%	0.0011	16.7%	0.0005	17.4%	0.0025
15.2%	0.0004	19.3%	0.0130	20.9%	0.0020	25.1%	0.0010	26.1%	0.0033
20.2%	0.0007	25.7%	0.0131	27.9%	0.0021	33.5%	0.0013	34.8%	0.0048
25.3%	0.0008	32.2%	0.0132	34.9%	0.0022	41.8%	0.0014	43.5%	0.0049
30.3%	0.0009	38.6%	0.0133	41.9%	0.0023	50.2%	0.0015	52.1%	0.0050
35.4%	0.0010	45.0%	0.0134	48.8%	0.0024				
40.5%	0.0011	51.5%	0.0135	55.8%	0.0025				
45.5%	0.0012								
50.6%	0.0020								
Obligated Level (GWh/d)	296.6		233.1		215		179.3		172.6

	Burton Point	Caythorpe	Dynevor Arms	Glenmavis	Hatfield Moor	Wytch Farm
<b>Obligated Level</b>	0.0001	0.0125	0.0071	0.0128	0.0050	0.0001
<b>10%</b>	0.0029	0.0126	0.0072	0.0157	0.0051	0.0002
<b>20%</b>	0.0030	0.0127	0.0073	0.0158	0.0052	0.0005
<b>30%</b>	0.0031	0.0128	0.0074	0.0159	0.0053	0.0006
<b>40%</b>	0.0032	0.0129	0.0075	0.0160	0.0054	0.0027
<b>50%</b>	0.0033	0.0130	0.0081	0.0161	0.0055	0.0028
Obligated Level (GWh/d)	73.5	90	49	99	25.3	3.3

Appendix 2

**Entry Capacity Unsold Obligated Quantity Offered (kWh/day)**

01/10/2015 to 30/09/2016

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	732,550,169	429,498,200	1,561,595,424	1,566,145,896
Burton Point	BP	37,739,982	40,000,946	42,123,985	44,130,747
Barrow	BR	215,606,216	-	243,939,979	247,617,456
Barton Stacey	BS	65,340,000	65,340,000	65,340,000	65,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	220,027,828	-	989,052,664	990,952,664
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	-	-
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,015,535,045	1,021,350,692	1,383,427,093	1,393,503,952
Teesside	TE	170,660,460	192,401,800	216,745,162	219,113,002
Theddlethorpe	TH	531,335,950	536,366,213	536,366,213	536,366,213
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000



01/10/2016 to 30/09/2017

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	756,645,382	712,173,557	1,574,398,563	1,577,695,702
Burton Point	BP	46,036,978	47,814,377	49,423,141	50,916,681
Barrow	BR	217,099,852	-	247,665,310	253,199,745
Barton Stacey	BS	65,340,000	65,340,000	65,340,000	65,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	228,004,053	-	999,946,355	1,004,546,355
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	147,000,000	147,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,054,016,863	1,086,695,218	1,420,024,385	1,431,087,559
Teesside	TE	199,159,265	235,498,180	255,864,906	257,612,496
Theddlethorpe	TH	536,366,213	540,097,718	540,097,718	540,097,718
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2017 to 30/09/2018

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,050,122,449	740,794,577	1,577,270,691	1,580,670,691
Burton Point	BP	51,631,897	52,202,294	52,757,728	53,314,937
Barrow	BR	221,963,170	-	252,954,832	255,787,304
Barton Stacey	BS	65,340,000	65,340,000	65,340,000	65,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	239,335,379	-	1,018,235,852	1,020,835,852
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	147,000,000	147,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,050,626,386	1,059,296,512	1,459,373,167	1,473,773,167
Teesside	TE	249,433,927	276,289,004	290,730,407	291,491,007
Theddlethorpe	TH	542,901,330	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2018

to

30/09/2019

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,147,070,358	837,956,521	1,579,856,854	1,582,656,854
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	234,930,935	-	262,274,669	267,027,588
Barton Stacey	BS	65,340,000	65,340,000	65,340,000	65,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	257,226,499	-	1,024,628,822	1,025,128,822
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	147,000,000	147,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,279,381,044	1,286,125,442	1,481,304,636	1,481,304,636
Teesside	TE	276,539,110	295,467,713	308,742,343	310,183,627
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2019

to

30/09/2020

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,151,742,521	842,652,821	1,581,667,154	1,584,867,154
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	248,076,802	3,061,899	290,794,614	285,414,059
Barton Stacey	BS	65,340,000	65,340,000	65,340,000	65,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	264,636,273	-	1,069,084,927	1,069,684,927
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	47,000,000	47,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,380,361,633	1,384,855,872	1,481,855,872	1,481,855,872
Teesside	TE	309,789,059	321,718,168	320,653,662	323,928,301
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2020

to

30/09/2021

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,156,751,821	856,021,167	1,595,236,500	1,595,236,500
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	288,552,884	11,706,235	296,267,465	292,081,507
Barton Stacey	BS	65,340,000	65,340,000	83,340,000	83,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	280,708,643	-	1,113,532,449	1,114,032,449
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	-	-	600,000,000	600,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,404,907,464	1,413,513,896	1,490,413,896	1,490,413,896
Teesside	TE	324,035,005	356,944,973	356,621,575	357,308,760
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2021

to

30/09/2022

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,262,903,167	967,957,608	1,597,190,941	1,597,190,941
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	293,164,746	15,750,070	298,566,557	295,016,680
Barton Stacey	BS	83,340,000	83,340,000	155,340,000	155,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	306,763,899	37,227,324	1,258,476,564	1,258,976,564
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	-	-
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	150,000,000	150,000,000	600,000,000	600,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,457,793,332	1,460,693,332	1,494,030,000	1,494,030,000
Teesside	TE	358,440,115	368,583,916	369,037,385	370,181,616
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2022

to

30/09/2023

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,291,607,608	1,003,161,397	1,604,744,730	1,604,744,730
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	295,855,854	26,270,209	305,031,889	304,451,602
Barton Stacey	BS	155,340,000	155,340,000	155,340,000	155,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	298,933,787	32,076,443	1,262,197,457	1,262,197,457
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	-	-	238,000,000	238,000,000
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	9,810,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	100,656,000	100,656,000
Milford Haven	MH	150,000,000	150,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,468,817,225	1,469,182,409	1,492,897,931	1,492,897,931
Teesside	TE	370,009,900	397,741,583	397,831,035	397,911,991
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2023

to

30/09/2024

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,299,161,397	1,003,476,667	1,605,060,000	1,605,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	304,487,938	26,316,280	305,058,529	304,497,009
Barton Stacey	BS	155,340,000	155,340,000	155,340,000	155,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	-	-
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	418,741,854	287,780,441	1,265,241,854	1,265,741,854
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	238,000,000	238,000,000	378,000,000	378,000,000
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	-	-	160,656,000	160,656,000
Milford Haven	MH	180,500,000	150,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,474,228,504	1,479,460,573	1,499,381,442	1,499,381,442
Teesside	TE	397,988,649	398,063,545	399,358,131	399,467,972
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

01/10/2024

to

30/09/2025

ASEP		Oct to Dec	Jan to Mar	Apr to Jun	Jul to Sep
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,299,476,667	1,003,476,667	1,605,060,000	1,605,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	304,532,612	27,819,000	306,009,000	306,009,000
Barton Stacey	BS	155,340,000	155,340,000	155,340,000	155,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	-	-	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	479,309,388	425,709,388	1,268,427,829	1,268,827,829
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	500,000	22,500,000	22,500,000
Isle of Grain	IG	160,656,000	160,656,000	160,656,000	230,656,000
Milford Haven	MH	300,000,000	150,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,496,665,095	1,497,154,843	1,499,871,190	1,499,871,190
Teesside	TE	399,546,002	399,735,341	399,782,956	399,807,143
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	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	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,299,476,667	1,299,476,667	1,605,060,000	1,605,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	306,009,000	27,819,000	306,009,000	306,009,000
Barton Stacey	BS	155,340,000	155,340,000	155,340,000	155,340,000
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	81,000,000	81,000,000	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	542,173,239	541,284,351	1,271,468,795	1,271,468,795
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	-	-	-	-
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	230,656,000	230,656,000	230,656,000	230,656,000
Milford Haven	MH	300,000,000	150,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,499,871,190	1,500,877,882	1,500,877,882	1,500,877,882
Teesside	TE	399,859,650	400,581,000	400,581,000	400,581,000
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	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	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,605,060,000	1,605,060,000	1,605,060,000	1,605,060,000
Burton Point	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
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	81,000,000	81,000,000	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	666,350,000	665,461,111	1,280,350,000	1,280,350,000
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	148,500,000	148,500,000	148,500,000	148,500,000
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	230,656,000	230,656,000	230,656,000	230,656,000
Milford Haven	MH	300,000,000	150,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,503,630,000	1,503,630,000	1,503,630,000	1,503,630,000
Teesside	TE	400,581,000	400,581,000	400,581,000	400,581,000
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	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	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,605,060,000	1,605,060,000	1,605,060,000	1,605,060,000
Burton Point	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
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	81,000,000	81,000,000	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	818,950,000	818,950,000	1,300,950,000	1,300,950,000
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	148,500,000	148,500,000	148,500,000	148,500,000
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	230,656,000	230,656,000	230,656,000	230,656,000
Milford Haven	MH	950,000,000	800,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,503,630,000	1,503,630,000	1,503,630,000	1,503,630,000
Teesside	TE	400,581,000	400,581,000	400,581,000	400,581,000
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	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	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,605,060,000	1,605,060,000	1,605,060,000	1,605,060,000
Burton Point	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
Canonbie	CB	-	-	-	-
Cheshire	CH	-	-	-	-
Caythorpe	CT	81,000,000	81,000,000	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,300,950,000	1,300,950,000	1,300,950,000	1,300,950,000
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	148,500,000	148,500,000	148,500,000	148,500,000
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	303,256,000	303,256,000	303,256,000	303,256,000
Milford Haven	MH	950,000,000	800,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,503,630,000	1,503,630,000	1,503,630,000	1,503,630,000
Teesside	TE	400,581,000	400,581,000	400,581,000	400,581,000
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	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	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,605,060,000	1,605,060,000	1,605,060,000	1,605,060,000
Burton Point	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
Canonbie	CB	-	-	-	-
Cheshire	CH	514,110,000	514,110,000	514,110,000	514,110,000
Caythorpe	CT	81,000,000	81,000,000	81,000,000	81,000,000
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,300,950,000	1,300,950,000	1,300,950,000	1,300,950,000
Fleetwood	FL	650,000,000	650,000,000	650,000,000	650,000,000
Glenmavis	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
Hole House Farm	HH	266,940,000	266,940,000	266,940,000	266,940,000
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	215,600,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	653,256,000	653,256,000	653,256,000	653,256,000
Milford Haven	MH	950,000,000	950,000,000	950,000,000	950,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,503,630,000	1,503,630,000	1,503,630,000	1,503,630,000
Teesside	TE	400,581,000	400,581,000	400,581,000	400,581,000
Theddlethorpe	TH	549,630,000	549,630,000	549,630,000	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

**Appendix 3**

**Aggregate amount of Quarterly NTS Entry Capacity offered for surrender (kWh/d)**

Period	Bacton (BA)	Period	Bacton (BA)	Period	Bacton (BA)
Oct 15- Dec 15	0	Oct 20 - Dec 20	0	Oct 25 - Dec 25	0
Jan 16 - Mar 16	0	Jan 21 - Mar 21	0	Jan 26 - Mar 26	0
Apr 16 - Jun 16	0	Apr 21 - Jun 21	0	Apr 26 - Jun 26	0
Jul 16 - Sep 16	0	Jul 21 - Sep 21	0	Jul 26 - Sep 26	0
Oct 16- Dec 16	0	Oct 21 - Dec 21	0	Oct 26 - Dec 26	0
Jan 17 - Mar 17	0	Jan 22 - Mar 22	0	Jan 27 - Mar 27	0
Apr 17 - Jun 17	0	Apr 22 - Jun 22	0	Apr 27 - Jun 27	0
Jul 17 - Sep 17	0	Jul 22 - Sep 22	0	Jul 27 - Sep 27	0
Oct 17 - Dec 17	0	Oct 22 - Dec 22	0	Oct 27 - Dec 27	0
Jan 18 - Mar 18	0	Jan 23 - Mar 23	0	Jan 28 - Mar 28	0
Apr 18 - Jun 18	0	Apr 23 - Jun 23	0	Apr 28 - Jun 28	0
Jul 18 - Sep 18	0	Jul 23 - Sep 23	0	Jul 28 - Sep 28	0
Oct 18 - Dec 18	0	Oct 23 - Dec 23	0	Oct 28 - Dec 28	0
Jan 19 - Mar 19	0	Jan 24 - Mar 24	0	Jan 29 - Mar 29	0
Apr 19 - Jun 19	0	Apr 24 - Jun 24	0	Apr 29 - Jun 29	0
Jul 19 - Sep 19	0	Jul 24 - Sep 24	0	Jul 29 - Sep 29	0
Oct 19 - Dec 19	0	Oct 24 - Dec 24	0	Oct 29 - Dec 29	0
Jan 20 - Mar 20	0	Jan 25 - Mar 25	0	Jan 30 - Mar 30	0
Apr 20 - Jun 20	0	Apr 25 - Jun 25	0	Apr 30 - Jun 30	0
Jul 20 - Sep 20	0	Jul 25 - Sep 25	0	Jul 30 - Sep 30	0



## Appendix 4

### Useful Sources Relating to the Entry Capacity Regime and QSEC Auctions

- National Grid website for QSEC presentation material  
<http://www2.nationalgrid.com/UK/Industry-information/Gas-transmission-system-operations/Capacity/Entry-capacity/>
- Joint Office website for UNC documentation and for Transmission Workstream meeting minutes  
[www.gasgovernance.co.uk](http://www.gasgovernance.co.uk)
- Ofgem website for NTS Licence and NTS Licence amendments [www.ofgem.gov.uk](http://www.ofgem.gov.uk)
- Incremental Entry Capacity Release (IECR) Statement <http://www2.nationalgrid.com/uk/Industry-information/Gas-capacity-methodologies/Entry-Capacity-Release-Methodology-Statement/>
- Incremental Entry Capacity Release (IECR) Charging Model  
<http://www2.nationalgrid.com/uk/Industry-information/Gas-capacity-methodologies/Entry-Capacity-Release-Methodology-Statement/>
- Entry Capacity Substitution (ECS) Methodology Statement  
<http://www2.nationalgrid.com/uk/Industry-information/System-charges/Gas-transmission/Charging-Statements/>
- Ten Year Statement  
<http://www2.nationalgrid.com/UK/Industry-information/Future-of-Energy/Gas-Ten-Year-Statement/>
- UK Future Energy Scenarios Document (UKFES)  
<http://www2.nationalgrid.com/uk/industry-information/future-of-energy/>

## Appendix 5

### Potential Advisors

Since 2007 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 Grid has not vetted any requests and that inclusion in the list does not imply they are recommended by National Grid 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;

1. Calvert Consultancy Ltd in association with WatersWye Associates  
Elaine Calvert +44(0)7879 431479 [elaine@calvertconsultancy.co.uk](mailto:elaine@calvertconsultancy.co.uk)  
Nick Wye +44(0)7879 431479 [nick@waterswye.co.uk](mailto:nick@waterswye.co.uk)
  
2. Pöyry Energy Consulting  
Andrew Morris +44 (0)1865 812212 [andrew.morris@poyry.com](mailto:andrew.morris@poyry.com)  
Angus Paxton +44 (0)1865 812 263 [angus.paxton@poyry.com](mailto:angus.paxton@poyry.com)  
John Williams +44 (0)1865 812 262 [john.williams@poyry.com](mailto:john.williams@poyry.com)  
Websites: [www.poyry.com/](http://www.poyry.com/) [www.ilexenergy.com](http://www.ilexenergy.com)
  
3. TPA Solutions  
Brian Withington MBE +44 (0)1564 778523 [brian@tpasolutions.co.uk](mailto:brian@tpasolutions.co.uk)  
Sue Ellwood +44 (0)1564 784725 [sue@tpasolutions.co.uk](mailto:sue@tpasolutions.co.uk)  
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Potential advisors wishing to be included in future lists should contact the Capacity Auctions team at National Grid.