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Monday 16th February 2015

Dear Colleague,

Annual Invitation to Participate in Auction of Quarterly System Entry Capacity

Pursuant 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") invites you to take part in the 2015 auction for Quarterly System Entry Capacity (QSEC). National Grid will conduct the annual QSEC auction on Business Days between **16th March 2015 and 27th March 2015**.

The auction is for Quarterly Firm NTS Entry Capacity for the transaction period **1st October 2016 to 30th September 2031**. 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 2015 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 B 2.2.9(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, subject to the stability measure being reached. A QSEC bid may be withdrawn or amended until but not after 17:00 on each day.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 B 2.2.1(d), National Grid will conduct the annual QSEC auction between 16th March 2015 and 27th March 2015 on the annual invitation dates listed below.

- **Monday 16th March**
- **Tuesday 17th March**
- **Wednesday 18th March**
- **Thursday 19th March**
- **Friday 20th March**

- **Monday 23rd March**
- **Tuesday 24th March**
- **Wednesday 25th March**
- **Thursday 26th March**
- **Friday 27th 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 17th March 2015 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.

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.

Please refer to the Joint Office website (<http://www.gasgovernance.co.uk/eurodevts>) with regards to any outstanding modifications which may affect capacity during this transaction period. Specifically, I would draw your attention to the following modifications:

Modification 0501 a-c - Treatment of Existing Entry Capacity Rights at the Bacton ASEP to comply with EU Capacity Regulations

Modification 0465V – Introduction of the Planning and Advanced Reservation of Capacity Agreement (PARCA), Weighted Average PARCA Security that has been approved by Ofgem with an implementation date of 2nd February 2015.

Implementation of the Planning and Advanced Reservation of Capacity Agreement (PARCA)

Ofgem have approved Mod 0465V - Introduction of the Planning and Advanced Reservation of Capacity Agreement (PARCA) and have directed supporting amendments to National Grid's Licence. National Grid is currently consulting on version 1.2 of the Entry Capacity Release Methodology Statement to complete the implementation of PARCAs. It is National Grid's intention to operate and allocate the QSEC auction following the principles that are described in version 1.2 of the ECR. This approach was confirmed by Ofgem in their open letter of 27th January 2015¹.

Entry Capacity Retainers

In accordance with UNC TPD Section B2.15 and in particular the ECS, National Grid opened the retainer window on 20th and 22nd January 2015, for Shippers to participate and take out a retainer at ASEPs where they wanted to exclude available entry capacity from being treated as Substitutable Capacity² without having to buy it.

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.

Quarterly System Entry Capacity (QSEC) Surrender Auction

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. This was via a surrender window, for inclusion within the 2015 QSEC Surrender auction.

The surrender window closed at 17:00 on the 13th February 2015 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.

¹ <https://www.ofgem.gov.uk/ofgem-publications/92712/confirmationofnggtapproach.pdf>

² As defined in the ECS.

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.

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

Entry Capacity Substitution

The NTS Entry Capacity Substitution Methodology Statement³ (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 2015 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. In addition to this, capacity that has been reserved under the new PARCA process will be excluded from substitution.

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. This can be found on Gemini report screens (Product>Publish Results>MoS Results>screens) and will be available 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> by selecting the following criteria:

Auction Type:	Quarterly System Entry Capacity
Report Type:	Bid Window Results
From Month/Year:	Oct-16
To Month/Year:	Sep-31

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 27th May 2015. 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> by selecting the following criteria:

Auction Type:	Quarterly System Entry Capacity
Report Type:	Allocation Results
From Month/Year:	Oct-16
To Month/Year:	Sep-31

Lead Times for Release of Capacity

The Licence default lead time for the release of IOEC through a PARCA contract is 24 months⁴ from the point of capacity allocation, however please note that the lead time for substitution is unchanged by the implementation of the PARCA arrangements and remains at 42 months as defined in the Entry Capacity Release Methodology Statement (ECR).

³ Further documents are available on our website at: <http://www2.nationalgrid.com/uk/industry-information/gas-capacity-methodologies/entry-capacity-substitution-methodology-statement/>

⁴ means day which is 24 months from the first day of the next month following the date on which the capacity was allocated.

Incremental Prices

On 16th January 2015 National Grid issued the Statement of Gas Transmission Transportation Charges in which are detailed the incremental price steps that apply to 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/2015>. Entry Capacity reserve prices and price steps are included in Appendix 1 of this 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-16 to Sep-31

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.

The relevant information relating to this auction (QSEC 2015) 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	0.0089	0.0006	0.0001	0.0025	0.0122	0.0008	0.0122	0.0001	0.0216	0.0451	0.0082	0.0118
2.5%	0.0095	0.0012	0.0002	0.0026	0.0123	0.0009	0.0123	0.0002	0.0217	0.0469	0.0083	0.0120
5.0%	0.0096	0.0013	0.0015	0.0027	0.0124	0.0010	0.0124	0.0012	0.0218	0.0470	0.0093	0.0121
7.5%	0.0097	0.0014	0.0016	0.0028	0.0125	0.0011	0.0125	0.0013	0.0219	0.0471	0.0094	0.0122
10.0%	0.0099	0.0015	0.0020	0.0029	0.0126	0.0012	0.0126	0.0014	0.0220	0.0473	0.0095	0.0125
12.5%	0.0108	0.0016	0.0021	0.0030	0.0127	0.0013	0.0135	0.0015	0.0221	0.0481	0.0097	0.0126
15.0%	0.0109	0.0017	0.0044	0.0031	0.0136	0.0019	0.0136	0.0016	0.0222	0.0487	0.0098	0.0127
17.5%	0.0110	0.0018	0.0045	0.0035	0.0137	0.0020	0.0137	0.0017	0.0229	0.0488	0.0099	0.0128
20.0%	0.0111	0.0019	0.0051	0.0036	0.0138	0.0026	0.0138	0.0021	0.0230	0.0494	0.0103	0.0133
22.5%	0.0112	0.0020	0.0052	0.0037	0.0139	0.0027	0.0139	0.0024	0.0231	0.0495	0.0106	0.0134
25.0%	0.0122	0.0021	0.0053	0.0038	0.0140	0.0028	0.0140	0.0095	0.0232	0.0518	0.0107	0.0135
27.5%	0.0124	0.0022	0.0054	0.0039	0.0141	0.0029	0.0141	0.0096	0.0233	0.0520	0.0108	0.0136
30.0%	0.0134	0.0023	0.0055	0.0040	0.0150	0.0074	0.0142	0.0097	0.0234	0.0521	0.0117	0.0137
32.5%	0.0135	0.0024	0.0056	0.0041	0.0151	0.0075	0.0143	0.0098	0.0235	0.0522	0.0120	0.0138
35.0%	0.0142	0.0025	0.0057	0.0042	0.0152	0.0077	0.0144	0.0099	0.0236	0.0523	0.0121	0.0139
37.5%	0.0148	0.0026	0.0058	0.0043	0.0157	0.0078	0.0145	0.0100	0.0238	0.0524	0.0122	0.0140
40.0%	0.0153	0.0027	0.0059	0.0044	0.0158	0.0079	0.0146	0.0101	0.0243	0.0525	0.0123	0.0141
42.5%	0.0178	0.0038	0.0082	0.0045	0.0165	0.0080	0.0147	0.0102	0.0244	0.0526	0.0124	0.0142
45.0%	0.0181	0.0039	0.0083	0.0046	0.0166	0.0081	0.0148	0.0103	0.0245	0.0527	0.0130	0.0143
47.5%	0.0199	0.0040	0.0084	0.0047	0.0167	0.0082	0.0149	0.0104	0.0250	0.0528	0.0131	0.0144
50.0%	0.0200	0.0041	0.0086	0.0048	0.0168	0.0083	0.0150	0.0110	0.0251	0.0529	0.0132	0.0145
Obligated Level (GWh/d)	1783.4	340.0	542.7	0	1407.15	650	420	699.68	950	1670.7	445.09	610.7

Pence/kWh/day

Hole House Farm		Hornsea		Partington		Avonmouth		Barton Stacey	
Obligated Level	0.0001	Obligated Level	0.0125	Obligated Level	0.0001	Obligated Level	0.0001	Obligated Level	0.0001
5.1%	0.0002	6.4%	0.0127	7.0%	0.0002	8.4%	0.0002	8.7%	0.0090
10.1%	0.0003	12.9%	0.0128	14.0%	0.0017	16.7%	0.0003	17.4%	0.0091
15.2%	0.0007	19.3%	0.0130	20.9%	0.0020	25.1%	0.0004	26.1%	0.0098
20.2%	0.0008	25.7%	0.0131	27.9%	0.0029	33.5%	0.0005	34.8%	0.0105
25.3%	0.0009	32.2%	0.0132	34.9%	0.0030	41.8%	0.0006	43.5%	0.0108
30.3%	0.0010	38.6%	0.0133	41.9%	0.0031	50.2%	0.0011	52.1%	0.0109
35.4%	0.0011	45.0%	0.0134	48.8%	0.0032				
40.5%	0.0012	51.5%	0.0135	55.8%	0.0033				
45.5%	0.0013								
50.6%	0.0024								
Obligated Level (GWh/d)	296.6		233.1		215		179.3		172.6

Pence/kWh/day

	Burton Point	Caythorpe	Dynevor Arms	Glenmavis	Hatfield Moor	Wytch Farm
Obligated Level	0.0001	0.0128	0.0078	0.0131	0.0036	0.0001
10%	0.0031	0.0129	0.0079	0.0169	0.0037	0.0002
20%	0.0032	0.0130	0.0080	0.0170	0.0038	0.0003
30%	0.0033	0.0131	0.0081	0.0171	0.0039	0.0004
40%	0.0034	0.0132	0.0083	0.0172	0.0040	0.0005
50%	0.0035	0.0133	0.0084	0.0173	0.0041	0.0006
Obligated Level (GWh/d)	73.5	90	49	99	25.3	3.3

Appendix 2

Entry Capacity Unsold Obligated Quantity Offered (kWh/day)

		01/10/2016	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	708,173,557	1,541,898,563	1,544,595,702
Burton Point	BP	22,023,119	25,366,639	28,193,497	30,383,091
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	211,104,053	-	986,546,355	994,446,355
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	13,580,000	13,580,000	125,280,000	125,280,000
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	1,053,016,863	1,085,695,218	1,420,024,385	1,431,087,559
Teesside	TE	199,159,265	235,498,180	255,864,906	257,612,496
Theddlethorpe	TH	529,066,213	520,797,718	522,897,718	521,397,718
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	737,194,577	1,545,170,691	1,547,870,691
Burton Point	BP	32,512,167	34,496,423	35,747,911	36,870,664
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	222,435,379	-	1,006,935,852	1,014,335,852
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	13,580,000	13,580,000	125,280,000	125,280,000
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	525,701,330	533,830,000	535,530,000	536,430,000
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	835,556,521	1,550,256,854	1,553,656,854
Burton Point	BP	50,293,022	50,880,318	51,511,117	52,163,667
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	245,326,499	-	1,016,928,822	1,019,328,822
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	75,600,000	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	13,580,000	13,580,000	125,280,000	125,280,000
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	537,530,000	538,830,000	539,430,000	539,930,000
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	1,555,767,154	1,559,267,154
Burton Point	BP	53,011,983	53,708,037	54,208,325	57,601,588
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	255,536,273	-	1,065,984,927	1,067,284,927
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	13,580,000	13,580,000	125,280,000	125,280,000
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	540,430,000	540,830,000	541,330,000	541,730,000
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	57,775,602	57,993,118	59,124,206	61,147,113
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	279,008,643	-	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	13,580,000	13,580,000	125,280,000	125,280,000
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	13,580,000	13,580,000	125,280,000	125,280,000
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	13,580,000	13,580,000	125,280,000	125,280,000
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	13,580,000	13,580,000	185,280,000	185,280,000
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	-	-	90,000,000	90,000,000
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	185,280,000	185,280,000	185,280,000	255,280,000
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	90,000,000	90,000,000	90,000,000	90,000,000
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	255,280,000	255,280,000	255,280,000	255,280,000
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	90,000,000	90,000,000	90,000,000	90,000,000
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	165,000,000	165,000,000	165,000,000	165,000,000
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	255,280,000	255,280,000	255,280,000	255,280,000
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	90,000,000	90,000,000	90,000,000	90,000,000
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	165,000,000	165,000,000	165,000,000	165,000,000
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	255,280,000	255,280,000	255,280,000	255,280,000
Milford Haven	MH	950,000,000	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

01/10/2028

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	90,000,000	90,000,000	90,000,000	90,000,000
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	165,000,000	165,000,000	165,000,000	165,000,000
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	327,880,000	327,880,000	327,880,000	327,880,000
Milford Haven	MH	950,000,000	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

01/10/2029

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	-	-	-	-
Caythorpe	CT	90,000,000	90,000,000	90,000,000	90,000,000
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	283,440,000	283,440,000	283,440,000	283,440,000
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	677,880,000	677,880,000	677,880,000	677,880,000
Milford Haven	MH	950,000,000	300,000,000	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

01/10/2030

to

30/09/2031

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	90,000,000	90,000,000	90,000,000	90,000,000
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	283,440,000	283,440,000	283,440,000	283,440,000
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	677,880,000	677,880,000	677,880,000	677,880,000
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 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
Oct 20 - Dec 20	0	Oct 25 - Dec 25	0	Oct 30 - Dec 30	0
Jan 21 - Mar 21	0	Jan 26 - Mar 26	0	Jan 31 - Mar 31	0
Apr 21 - Jun 21	0	Apr 26 - Jun 26	0	Apr 31 - Jun 31	0
Jul 21 - Sep 21	0	Jul 26 - Sep 26	0	Jul 31 - Sep 31	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
- Ofgem website for NTS Licence and NTS Licence amendments
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/>
- Modification 0465V – Introduction of the Planning and Advanced Reservation of Capacity Agreement (PARCA), Weighted Average PARCA Security
<http://www.gasgovernance.co.uk/0465>
- Modification 0501 a-c – Treatment of Existing Entry Capacity Rights at the Bacton ASEP to comply with EU Capacity Regulations
<http://www.gasgovernance.co.uk/0501>

Appendix 5

Potential Advisors

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
Nick Wye	+44(0)1789 266811	nick@waterswye.co.uk

2. Pöyry Management Consulting

Andrew Morris	+44 (0)1865 812 212	andrew.morris@poyry.com
Angus Paxton	+44 (0)1865 812 263	angus.paxton@poyry.com
John Williams	+44 (0)1865 812 262	john.williams@poyry.com
Websites:		www.poyry.com/ www.illexenergy.com

3. TPA Solutions

Brian Withington MBE	+44 (0)1564 778523	brian@tpasolutions.co.uk
Sue Ellwood	+44 (0)1564 784725	sue@tpasolutions.co.uk
Website:		www.tpasolutions.co.uk

Potential advisors wishing to be included in future lists should contact the Capacity Auctions team at National Grid.