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Monday 17th August 2009

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 NTS (the "Licence") invites you to take part in the 2009 auction for Quarterly System Entry Capacity (QSEC). National Grid will conduct the annual QSEC auction between **14th September 2009 and 25th September 2009**.

The auction is for entry capacity sold in quarterly strips for the transaction period 1st April 2011 to 31st March 2026. 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 2009 Annual System Entry Capacity auction for QSEC, any bids made and rejected or accepted pursuant to such auction, and any subsequent allocation of QSEC.

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. A QSEC bid may be withdrawn or amended until, but not after 17:00 on each day.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 14th September 2009 and 25th September 2009 on the annual invitation dates listed below.

- **Monday 14th September**
- **Tuesday 15th September**
- **Wednesday 16th September**
- **Thursday 17th September**
- **Friday 18th September**
- **Monday 21st September**
- **Tuesday 22nd September**
- **Wednesday 23rd September**
- **Thursday 24th September**
- **Friday 25th September**

In accordance with the provisions of the UNC (and, in particular, TPD Section B2.2.19), National Grid shall close the annual QSEC auction before the last date listed above, if stability is reached after Interim Bid Window 2 (IBW2) on 15th September.

National Grid reserves the right (as far as allowed under UNC) to amend the auction timings, 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 ASEP and each relevant quarter, on Gemini report screens (Product>Publish Results>MoS Results>screens), and on the National Grid website as soon as practicable.

The final allocation will be determined by application of the tests described in National Grid's current Incremental Entry Capacity Release (IECR) statement. This is available on the National Grid website

www.nationalgrid.com/uk/Gas/Charges/statements/transportation/iecr/

National Grid will inform Users of their QSEC capacity allocation within Gemini no later than two calendar months after the last annual invitation date and therefore, at the latest by 25th November 2009. Allocation information will be published by National Grid within Gemini and also on the National Grid website in accordance with the UNC Section B2.14.2. for each ASEP and each relevant period.

Entry Capacity Regime

It is a Shipper's responsibility to understand the Entry Capacity regime, set their strategy and bid accordingly. For further information on the regime and QSEC auctions please refer to Appendix 4 onwards.

Cap on Incremental Buyback Price

As part of the Licence, National Grid has an obligation (Special Condition C8D, Part A paragraph 5 (c)) to use reasonable endeavours to ensure that it does not pay more than 0.52p/kWh/day in respect of entry capacity constraint management costs in respect of funded incremental obligated entry capacity. This obligation shall apply until that funded incremental obligated entry capacity has been physically delivered.

Substitution

Special Condition C8D of the Licence sets out the obligation to prepare and submit for approval by the Authority, by 7th September 2009, an entry capacity substitution methodology statement. Substitution will therefore not be in place for the September 2009 QSEC auction although it is expected to be in place for the March 2010 QSEC¹.

In simple terms, entry capacity substitution means that where incremental entry capacity is required this should first be met by reducing National Grid's obligation to make entry capacity available at other entry points (where capacity is unsold or otherwise excluded from substitution), before undertaking investment in new infrastructure. The result of this is that, when the substitution obligation applies, entry capacity that is not booked could

¹ QSEC Auction will be held in March from 2010 onwards due to implementation of UNC Mod 0230AV, for further information on amendment timetable for QSEC, please refer to Appendix 5.

be moved to other entry points and will not be available at the original entry point in future auctions.

National Grid is currently consulting on the proposed entry capacity substitution methodology statement. A link to the consultation documents is provided below:

www.nationalgrid.com/uk/Gas/Charges/statements/transportation/ecms/

Lead Times for Release of Capacity

The default lead time for releasing Incremental Obligated Entry Capacity is 42 months² and this applies as a default at all ASEPs.

In accordance with Special Condition C8D part A, paragraph 3(g) of the Licence and paragraphs 44 to 58 of the IECR, National Grid has varied the default lead time for releasing Incremental Obligated Entry Capacity from 42 months at the following ASEPs by the amounts indicated:

- (a) *Hole House Farm (HH)*
24 months, 210,000,000kWh/day (as per the tables in Appendix 2)
- (b) *Milford Haven (MH)*
42 months, 0kWh/day
48 months, 475,000,000kWh/day (as per the tables in Appendix 2)

An earlier lead time of 24 months is offered at Hole House Farm for capacity up to the level of 210,000,000 kWh/day.

For clarification a 48 month lead time has been offered at Milford Haven due to potential construction challenges and the outstanding force majeure.

At ASEPs where the default lead time applies, or where this has been varied as described above, Shippers may still bid for capacity in advance of the lead time. If bids are submitted for incremental capacity in advance of the stated lead time for individual ASEPs, National Grid will consider these bids at our discretion, in accordance with paragraphs 59 to 64 of the IECR, with a view to potentially releasing capacity as Non-Obligated Entry Capacity (including Accelerated Release). Users should therefore bid on the basis of their capacity requirements. Please refer to Appendix 1 and the Incremental Entry Capacity Release Statement for further details. For the avoidance of doubt, any capacity allocated as a result of QSEC auction is Firm Entry Capacity as defined in the UNC.

Other Information

National Grid's opinion of the future demand for entry capacity is broadly reflective of the range of supply expectations as described in its current Ten Year Statement - <http://www.nationalgrid.com/uk/Gas/TYS/>. 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. Details of National Grid's supply and demand forecasts are further described in Appendix 2 of the Ten Year Statement. 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) and will be posted on the National Grid website (<http://www.nationalgrid.com/uk/Gas/Data/CA/>). 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.

² 42 months from the 1st day of the month following the end of the Annual Invitation Period (as defined in UNC).

National Grid has put this document together with due care and attention. 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 Diana Dai or myself on +44 (0)1926 65 4057. Alternatively you can e-mail the capacity team regarding any long term capacity issues at capacityauctions@uk.ngrid.com.

The relevant information relating to this auction (QSEC 2009) can be found in the following Appendices:

- **Appendix 1** **Unsold Obligated Capacity, by ASEP, by quarter**
- **Appendix 2** **Incremental prices and quantities at each price step, by ASEP**
- **Appendix 3** **Estimated project values per increment, by ASEP**
- **Appendix 4** **Useful sources relating to Entry Capacity Regime and QSEC auctions**
- **Appendix 5** **Industry Development- Amendment to the QSEC and AMSEC Auction timetables (Mod 0230AV) and Quarterly NTS Entry Capacity User Commitment (Mod 0246, Mod 0246A, Mod 0246B)**
- **Appendix 6** **List of Potential Advisors for bidding strategies/other commercial advice**

If you have any queries pertaining to the [Daily Auctions](#), please contact Melissa Albray on +44 (0)1926 65 3608 or Navraj Dosanjh on +44 (0)1926 65 4180.

Yours sincerely,

Kay Haycock
Network Operations
National Grid

Appendix 1
Entry Capacity Unsold Obligated Quantity Offered (kWh/day)

ASEP		2011/2012			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	117,409,350	117,409,350
Bacton	BA	1,422,723,263	1,438,217,750	913,313,354	843,478,626
Burton Point	BP	26,150,000	26,150,000	24,576,419	24,576,419
Barrow	BR	202,090,000	245,990,000	152,390,000	96,190,000
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	87,053,200	87,053,200	87,053,200	279,653,200
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	139,350	139,350
Easington	EA	898,236,369	901,005,136	19,861,691	0
Fleetwood	FL	0	0	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	0
Hornsea	HS	17,500,000	215,600,000	17,500,000	0
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	21,800,000	21,800,000
Milford Haven	MH	299,000,000	299,000,000	0	0
Partington	PR	193,500,000	193,500,000	149,539,350	149,539,350
St Fergus	SF	1,061,706,286	1,066,683,370	745,802,010	805,783,396
Teesside	TE	245,964,256	247,161,172	195,913,952	201,839,742
Theddlethorpe	TH	497,002,287	500,102,287	500,345,820	511,179,879
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2012/2013			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	139,389,675	139,389,675
Bacton	BA	1,446,985,348	1,460,546,841	984,195,281	675,962,524
Burton Point	BP	29,999,060	29,999,060	39,578,633	39,578,633
Barrow	BR	207,190,000	235,490,000	172,990,000	111,790,000
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	268,653,200	195,653,200	195,653,200	195,653,200
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	22,119,675	22,119,675
Easington	EA	966,534,645	968,084,645	181,849,468	2
Fleetwood	FL	0	0	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	0
Hornsea	HS	17,500,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	21,800,000	21,800,000
Milford Haven	MH	299,000,000	299,000,000	0	0
Partington	PR	193,500,000	193,500,000	171,519,675	171,519,675
St Fergus	SF	1,136,227,902	1,151,042,226	931,260,140	986,167,585
Teesside	TE	233,090,638	244,841,690	214,813,257	225,137,820
Theddlethorpe	TH	513,823,297	513,923,297	513,095,809	518,386,076
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2013/2014			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	139,389,675	139,389,675
Bacton	BA	1,500,760,111	1,509,386,998	1,004,249,459	709,780,685
Burton Point	BP	43,044,464	43,044,464	52,864,317	52,864,317
Barrow	BR	218,490,000	238,390,000	190,390,000	131,190,000
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	195,653,200	195,653,200	195,653,200	111,653,200
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	22,119,675	22,119,675
Easington	EA	985,405,117	986,905,117	225,584,258	2
Fleetwood	FL	0	0	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	21,800,000	22,040,000
Milford Haven	MH	0	99,000,000	0	0
Partington	PR	193,500,000	193,500,000	171,519,675	171,519,675
St Fergus	SF	1,225,628,062	1,239,412,897	1,031,297,634	1,044,745,585
Teesside	TE	261,874,728	269,404,262	266,788,765	285,259,277
Theddlethorpe	TH	531,515,836	531,515,836	529,857,651	533,352,680
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2014/2015			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	139,389,675	139,389,675
Bacton	BA	1,511,869,062	1,519,318,571	1,071,599,541	762,369,004
Burton Point	BP	54,597,232	54,597,232	57,293,286	57,293,286
Barrow	BR	224,590,000	251,990,000	211,790,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	111,653,200	111,653,200	111,653,200	111,653,200
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	22,119,675	22,119,675
Easington	EA	997,114,117	997,614,117	238,799,347	0
Fleetwood	FL	0	0	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	22,040,000	22,040,000
Milford Haven	MH	0	0	0	0
Partington	PR	193,500,000	193,500,000	171,519,675	171,519,675
St Fergus	SF	1,264,734,120	1,266,407,247	1,092,433,153	1,162,244,231
Teesside	TE	292,763,238	298,597,541	298,915,445	337,927,391
Theddlethorpe	TH	534,871,935	534,871,935	534,871,935	538,225,665
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2015/2016			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,563,621,286	1,568,612,992	1,108,292,302	793,366,240
Burton Point	BP	58,448,509	58,448,509	66,150,000	66,150,000
Barrow	BR	236,690,000	255,290,000	222,690,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	111,653,200	111,653,200	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,001,307,976	1,001,914,117	248,121,519	88,084,623
Fleetwood	FL	0	0	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	17,500,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	22,040,000	22,040,000
Milford Haven	MH	0	0	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,379,595,723	1,391,707,835	1,244,592,179	1,244,787,869
Teesside	TE	345,237,750	347,437,750	352,737,750	362,159,928
Theddlethorpe	TH	538,225,665	538,225,665	538,225,665	541,152,165
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2016/2017			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,569,649,159	1,573,799,631	1,116,332,450	1,070,068,327
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	240,890,000	257,890,000	228,190,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,010,123,117	1,011,823,117	404,847,482	69,341,248
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	0	0	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,397,243,118	1,405,290,189	1,264,482,492	1,286,788,762
Teesside	TE	364,559,928	363,959,928	365,659,928	371,123,560
Theddlethorpe	TH	541,152,165	541,152,165	541,152,165	545,294,917
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2017/2018			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,580,360,000	1,583,157,139	1,404,317,219	1,094,617,219
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	244,490,000	259,990,000	232,990,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,015,623,117	1,020,123,117	462,419,672	72,227,985
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	20,778,734	20,778,734
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	17,500,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	147,000,000	147,000,000	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,429,325,200	1,439,272,937	1,321,511,485	1,319,399,567
Teesside	TE	372,023,560	376,323,560	386,390,057	389,869,172
Theddlethorpe	TH	545,294,917	545,294,917	545,294,917	549,630,000
Wytch Farm	WF	2,970,000	2,970,000	2,970,000	2,970,000

ASEP		2018/2019			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,582,260,000	1,585,160,000	1,497,393,000	1,187,993,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	247,790,000	261,890,000	239,390,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,021,663,117	1,024,163,117	469,957,923	74,155,029
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	20,778,734	20,778,734	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	147,000,000	147,000,000	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,463,190,458	1,477,590,458	1,390,837,995	1,398,501,488
Teesside	TE	390,969,172	392,969,172	395,969,172	397,554,873
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

ASEP		2019/2020			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,583,760,000	1,586,560,000	1,499,179,000	1,188,279,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	252,290,000	265,290,000	247,290,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,027,603,117	1,028,103,117	477,384,226	82,065,966
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	147,000,000	147,000,000	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,486,230,000	1,486,230,000	1,403,252,222	1,413,046,773
Teesside	TE	397,554,873	398,554,873	400,554,873	402,284,814
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

ASEP		2020/2021			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,585,160,000	1,587,860,000	1,501,578,000	1,192,078,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	276,390,000	277,290,000	278,190,000	0
Barton Stacey	BS	74,340,000	74,340,000	74,340,000	74,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,071,903,117	1,072,403,117	496,744,195	81,465,531
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	47,000,000	47,000,000	0	0
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,488,230,000	1,488,230,000	1,422,741,026	1,456,290,464
Teesside	TE	402,284,814	403,284,814	405,284,814	413,400,000
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

ASEP		2021/2022			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,598,060,000	1,598,060,000	1,598,060,000	1,302,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	278,190,000	278,190,000	278,190,000	0
Barton Stacey	BS	92,340,000	92,340,000	92,340,000	92,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,114,834,667	1,115,334,667	656,137,336	240,267,427
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	600,000,000	600,000,000	150,000,000	150,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,493,630,000	1,493,630,000	1,494,030,000	1,494,030,000
Teesside	TE	415,400,000	415,400,000	416,400,000	416,400,000
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

ASEP		2022/2023			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
Avonmouth	AV	161,370,000	161,370,000	161,370,000	161,370,000
Bacton	BA	1,599,060,000	1,599,060,000	1,599,060,000	1,309,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	278,190,000	278,190,000	278,190,000	0
Barton Stacey	BS	164,340,000	164,340,000	164,340,000	164,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,259,950,000	1,260,450,000	1,038,408,923	622,551,579
Fleetwood	FL	650,000,000	650,000,000	0	0
Glenmavis	GM	89,100,000	89,100,000	89,100,000	89,100,000
Garton	GR	0	0	0	0
Hole House Farm	HH	0	0	0	0
Hatfield Moor (Onshore)	HM	270,000	270,000	270,000	270,000
Hornsea	HS	215,600,000	215,600,000	215,600,000	9,810,000
Hatfield Moor (Storage)	HT	22,500,000	22,500,000	22,500,000	22,500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
Milford Haven	MH	600,000,000	600,000,000	150,000,000	150,000,000
Partington	PR	193,500,000	193,500,000	193,500,000	193,500,000
St Fergus	SF	1,494,030,000	1,494,030,000	1,494,730,000	1,494,730,000
Teesside	TE	416,400,000	417,400,000	417,400,000	428,400,000
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

ASEP		2023/2024			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
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	1,309,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	278,190,000	278,190,000	278,190,000	0
Barton Stacey	BS	164,340,000	164,340,000	164,340,000	164,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
Dynevor Arms	DA	44,100,000	44,100,000	44,100,000	44,100,000
Easington	EA	1,263,783,704	1,263,783,704	1,147,672,222	1,122,599,698
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	280,000,000	280,000,000	280,000,000	280,000,000
Hole House Farm	HH	0	0	0	0
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	500,000
Isle of Grain	IG	437,880,000	437,880,000	156,180,000	156,180,000
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	1,494,730,000	1,494,730,000	1,494,830,000	1,494,830,000
Teesside	TE	428,400,000	428,400,000	428,400,000	428,400,000
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

ASEP		2024/2025			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
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	1,309,060,000
Burton Point	BP	66,150,000	66,150,000	66,150,000	66,150,000
Barrow	BR	278,190,000	278,190,000	278,190,000	58,000,000
Barton Stacey	BS	164,340,000	164,340,000	164,340,000	164,340,000
Cheshire	CH	0	0	0	0
Caythorpe	CT	0	0	0	0
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	1,179,209,337	1,179,209,337
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	420,000,000	420,000,000	420,000,000	420,000,000
Hole House Farm	HH	0	0	0	0
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	500,000
Isle of Grain	IG	517,880,000	517,880,000	517,880,000	517,880,000
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	428,400,000	428,400,000	428,400,000	428,400,000
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

ASEP		2025/2026			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
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	278,190,000	278,190,000	278,190,000	278,190,000
Barton Stacey	BS	164,340,000	164,340,000	164,340,000	164,340,000
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	420,000,000	420,000,000	420,000,000	420,000,000
Hole House Farm	HH	118,440,000	118,440,000	118,440,000	118,440,000
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	428,400,000	428,400,000	428,400,000	428,400,000
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 2- Incremental Capacity and Prices

ASEP	Avonmouth		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	8.37%	0.0016	15.0
P2	16.73%	0.0021	30.0
P3	25.10%	0.0061	45.0
P4	33.46%	0.0064	60.0
P5	41.83%	0.0065	75.0
P6	50.20%	0.0066	90.0

ASEP	Bacton		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0089	0.0
P1	2.5%	0.0090	44.6
P2	5.0%	0.0091	89.2
P3	7.5%	0.0092	133.8
P4	10.0%	0.0093	178.3
P5	12.5%	0.0094	222.9
P6	15.0%	0.0095	267.5
P7	17.5%	0.0096	312.1
P8	20.0%	0.0098	356.7
P9	22.5%	0.0117	401.3
P10	25.0%	0.0118	445.9
P11	27.5%	0.0119	490.4
P12	30.0%	0.0120	535.0
P13	32.5%	0.0121	579.6
P14	35.0%	0.0122	624.2
P15	37.5%	0.0123	668.8
P16	40.0%	0.0124	713.4
P17	42.5%	0.0129	757.9
P18	45.0%	0.0130	802.5
P19	47.5%	0.0133	847.1
P20	50.0%	0.0139	891.7

ASEP	Barrow		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0018	0.0
P1	2.5%	0.0019	7.7
P2	5.0%	0.0042	15.5
P3	7.5%	0.0043	23.2
P4	10.0%	0.0044	30.9
P5	12.5%	0.0045	38.6
P6	15.0%	0.0046	46.4
P7	17.5%	0.0047	54.1
P8	20.0%	0.0048	61.8
P9	22.5%	0.0049	69.5
P10	25.0%	0.0050	77.3
P11	27.5%	0.0051	85.0
P12	30.0%	0.0052	92.7
P13	32.5%	0.0053	100.5
P14	35.0%	0.0054	108.2
P15	37.5%	0.0055	115.9
P16	40.0%	0.0056	123.6
P17	42.5%	0.0057	131.4
P18	45.0%	0.0058	139.1
P19	47.5%	0.0059	146.8
P20	50.0%	0.0060	154.6

ASEP	Barton Stacey		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	8.7%	0.0002	15
P2	17.4%	0.0039	30
P3	26.1%	0.0040	45
P4	34.8%	0.0042	60
P5	43.5%	0.0043	75
P6	52.1%	0.0044	90

ASEP	Burton Point		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	10.0%	0.0002	7.35
P2	20.0%	0.0003	14.70
P3	30.0%	0.0008	22.05
P4	40.0%	0.0009	29.40
P5	50.0%	0.0026	36.75

ASEP	Cheshire		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	2.5%	0.0002	13.6
P2	5.0%	0.0003	27.1
P3	7.5%	0.0004	40.7
P4	10.0%	0.0005	54.3
P5	12.5%	0.0006	67.8
P6	15.0%	0.0007	81.4
P7	17.5%	0.0008	95.0
P8	20.0%	0.0009	108.5
P9	22.5%	0.0010	122.1
P10	25.0%	0.0011	135.7
P11	27.5%	0.0017	149.2
P12	30.0%	0.0018	162.8
P13	32.5%	0.0022	176.4
P14	35.0%	0.0023	189.9
P15	37.5%	0.0024	203.5
P16	40.0%	0.0025	217.1
P17	42.5%	0.0026	230.6
P18	45.0%	0.0027	244.2
P19	47.5%	0.0062	257.8
P20	50.0%	0.0063	271.4

ASEP	Easington		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0112	0.0
P1	2.5%	0.0113	35.2
P2	5.0%	0.0114	70.4
P3	7.5%	0.0115	105.5
P4	10.0%	0.0116	140.7
P5	12.5%	0.0117	175.9
P6	15.0%	0.0118	211.1
P7	17.5%	0.0119	246.3
P8	20.0%	0.0120	281.4
P9	22.5%	0.0127	316.6
P10	25.0%	0.0140	351.8
P11	27.5%	0.0141	387.0
P12	30.0%	0.0142	422.1
P13	32.5%	0.0143	457.3
P14	35.0%	0.0144	492.5
P15	37.5%	0.0145	527.7
P16	40.0%	0.0146	562.9
P17	42.5%	0.0147	598.0
P18	45.0%	0.0148	633.2
P19	47.5%	0.0149	668.4
P20	50.0%	0.0150	703.6

Dynevor Arms			
ASEP			
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	10.0%	0.0002	4.9
P2	20.0%	0.0003	9.8
P3	30.0%	0.0004	14.7
P4	40.0%	0.0005	19.6
P5	50.0%	0.0006	24.5

Fleetwood			
ASEP			
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0024	0.0
P1	2.5%	0.0025	16.3
P2	5.0%	0.0026	32.5
P3	7.5%	0.0040	48.8
P4	10.0%	0.0042	65.0
P5	12.5%	0.0043	81.3
P6	15.0%	0.0047	97.5
P7	17.5%	0.0048	113.8
P8	20.0%	0.0049	130.0
P9	22.5%	0.0050	146.3
P10	25.0%	0.0051	162.5
P11	27.5%	0.0052	178.8
P12	30.0%	0.0053	195.0
P13	32.5%	0.0054	211.3
P14	35.0%	0.0055	227.5
P15	37.5%	0.0056	243.8
P16	40.0%	0.0057	260.0
P17	42.5%	0.0082	276.3
P18	45.0%	0.0083	292.5
P19	47.5%	0.0084	308.8
P20	50.0%	0.0085	325.0

Garton			
ASEP			
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0127	0.0
P1	2.5%	0.0128	10.5
P2	5.0%	0.0129	21.0
P3	7.5%	0.0130	31.5
P4	10.0%	0.0131	42.0
P5	12.5%	0.0132	52.5
P6	15.0%	0.0133	63.0
P7	17.5%	0.0134	73.5
P8	20.0%	0.0135	84.0
P9	22.5%	0.0136	94.5
P10	25.0%	0.0137	105.0
P11	27.5%	0.0138	115.5
P12	30.0%	0.0139	126.0
P13	32.5%	0.0140	136.5
P14	35.0%	0.0141	147.0
P15	37.5%	0.0142	157.5
P16	40.0%	0.0143	168.0
P17	42.5%	0.0144	178.5
P18	45.0%	0.0145	189.0
P19	47.5%	0.0146	199.5
P20	50.0%	0.0147	210.0

Glenmavis			
ASEP			
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0120	0.0
P1	10.0%	0.0144	9.9
P2	20.0%	0.0149	19.8
P3	30.0%	0.0150	29.7
P4	40.0%	0.0156	39.6
P5	50.0%	0.0157	49.5

ASEP		Hatfield Moor	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0045	0.0
P1	10.0%	0.0046	2.53
P2	20.0%	0.0047	5.06
P3	30.0%	0.0048	7.59
P4	40.0%	0.0049	10.12
P5	50.0%	0.0050	12.65

ASEP		Hole House Farm	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	11.4%	0.0002	15.0
P2	22.8%	0.0003	30.0
P3	34.2%	0.0004	45.0
P4	45.6%	0.0005	60.0
P5	57.0%	0.0014	75.0
P6	68.4%	0.0015	90.0
P7	79.8%	0.0016	105.0
P8	91.2%	0.0017	120.0
P9	102.6%	0.0018	135.0
P10	114.0%	0.0019	150.0
P11	125.4%	0.0020	165.0
P12	136.8%	0.0021	180.0
P13	148.2%	0.0022	195.0
P14	159.6%	0.0023	210.0

ASEP		Hornsea	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0108	0.0
P1	6.44%	0.0109	15
P2	12.87%	0.0110	30
P3	19.31%	0.0111	45
P4	25.74%	0.0112	60
P5	32.18%	0.0114	75
P6	38.61%	0.0115	90
P7	45.05%	0.0116	105
P8	51.48%	0.0117	120

ASEP		Isle of Grain	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0026	0.0
P1	2.5%	0.0033	17.5
P2	5.0%	0.0034	35.0
P3	7.5%	0.0035	52.5
P4	10.0%	0.0036	70.0
P5	12.5%	0.0208	87.5
P6	15.0%	0.0209	105.0
P7	17.5%	0.0252	122.4
P8	20.0%	0.0253	139.9
P9	22.5%	0.0254	157.4
P10	25.0%	0.0255	174.9
P11	27.5%	0.0256	192.4
P12	30.0%	0.0257	209.9
P13	32.5%	0.0258	227.4
P14	35.0%	0.0259	244.9
P15	37.5%	0.0260	262.4
P16	40.0%	0.0261	279.9
P17	42.5%	0.0262	297.4
P18	45.0%	0.0263	314.9
P19	47.5%	0.0264	332.3
P20	50.0%	0.0265	349.8

ASEP		Partington	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.0
P1	7.0%	0.0002	15
P2	14.0%	0.0003	30
P3	20.9%	0.0004	45
P4	27.9%	0.0008	60
P5	34.9%	0.0017	75
P6	41.9%	0.0018	90
P7	48.8%	0.0019	105
P8	55.8%	0.0020	120

ASEP		Milford Haven	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0204	0.0
P1	2.5%	0.0205	23.8
P2	5.0%	0.0206	47.5
P3	7.5%	0.0207	71.3
P4	10.0%	0.0208	95.0
P5	12.5%	0.0209	118.8
P6	15.0%	0.0210	142.5
P7	17.5%	0.0211	166.3
P8	20.0%	0.0212	190.0
P9	22.5%	0.0216	213.8
P10	25.0%	0.0217	237.5
P11	27.5%	0.0218	261.3
P12	30.0%	0.0220	285.0
P13	32.5%	0.0224	308.8
P14	35.0%	0.0226	332.5
P15	37.5%	0.0228	356.3
P16	40.0%	0.0229	380.0
P17	42.5%	0.0233	403.8
P18	45.0%	0.0259	427.5
P19	47.5%	0.0271	451.3
P20	50.0%	0.0291	475.0

ASEP		St.Fergus	
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0383	0.0
P1	2.5%	0.0396	41.8
P2	5.0%	0.0397	83.5
P3	7.5%	0.0398	125.3
P4	10.0%	0.0399	167.1
P5	12.5%	0.0400	208.8
P6	15.0%	0.0409	250.6
P7	17.5%	0.0410	292.4
P8	20.0%	0.0411	334.1
P9	22.5%	0.0418	375.9
P10	25.0%	0.0419	417.7
P11	27.5%	0.0438	459.4
P12	30.0%	0.0439	501.2
P13	32.5%	0.0440	543.0
P14	35.0%	0.0441	584.7
P15	37.5%	0.0442	626.5
P16	40.0%	0.0443	668.3
P17	42.5%	0.0444	710.0
P18	45.0%	0.0445	751.8
P19	47.5%	0.0446	793.6
P20	50.0%	0.0447	835.4

ASEP	Teesside		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0103	0.0
P1	2.5%	0.0104	11.9
P2	5.0%	0.0105	23.8
P3	7.5%	0.0106	35.7
P4	10.0%	0.0107	47.6
P5	12.5%	0.0108	59.5
P6	15.0%	0.0109	71.4
P7	17.5%	0.0110	83.3
P8	20.0%	0.0111	95.2
P9	22.5%	0.0112	107.1
P10	25.0%	0.0125	119.0
P11	27.5%	0.0126	130.9
P12	30.0%	0.0127	142.8
P13	32.5%	0.0128	154.7
P14	35.0%	0.0129	166.6
P15	37.5%	0.0132	178.5
P16	40.0%	0.0133	190.4
P17	42.5%	0.0134	202.3
P18	45.0%	0.0139	214.2
P19	47.5%	0.0140	226.1
P20	50.0%	0.0141	238.0

ASEP	Theddlethorpe		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0115	0.0
P1	2.5%	0.0116	15.3
P2	5.0%	0.0117	30.5
P3	7.5%	0.0118	45.8
P4	10.0%	0.0119	61.1
P5	12.5%	0.0120	76.3
P6	15.0%	0.0121	91.6
P7	17.5%	0.0122	106.9
P8	20.0%	0.0123	122.1
P9	22.5%	0.0124	137.4
P10	25.0%	0.0125	152.7
P11	27.5%	0.0126	167.9
P12	30.0%	0.0127	183.2
P13	32.5%	0.0128	198.5
P14	35.0%	0.0129	213.7
P15	37.5%	0.0130	229.0
P16	40.0%	0.0131	244.3
P17	42.5%	0.0132	259.5
P18	45.0%	0.0133	274.8
P19	47.5%	0.0134	290.1
P20	50.0%	0.0135	305.4

ASEP	Wytch Farm		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0001	0.00
P1	10.0%	0.0002	0.33
P2	20.0%	0.0003	0.66
P3	30.0%	0.0004	0.99
P4	40.0%	0.0005	1.32
P5	50.0%	0.0006	1.65

ASEP	Caythorpe		
Price Step	Percentage Increment	Price (p/kWh)	Incremental Quantity (GWh)
P0	0.0%	0.0104	0.0
P1	10.0%	0.0105	9.0
P2	20.0%	0.0106	18.0
P3	30.0%	0.0107	27.0
P4	40.0%	0.0108	36.0
P5	50.0%	0.0109	45.0

Appendix 3

Estimated Project Values, £m.

£m

	Coastal Terminals & Importation Facilities							
	Bacton	Easington&Rough	Theddlethorpe	St Fergus	Teesside	Barrow	Milford Haven	Isle of Grain
Obligated Level								
2.5%	14.10	14.00	6.24	58.77	4.36	0.49	17.22	2.05
5.0%	28.20	28.00	12.48	117.54	8.71	2.31	34.43	4.10
7.5%	42.30	42.00	18.72	176.76	13.07	3.46	51.65	6.15
10.0%	56.40	56.00	24.96	235.68	17.76	4.61	68.86	8.20
12.5%	70.50	70.00	31.19	294.60	22.20	5.77	86.08	64.64
15.0%	87.45	86.25	37.43	364.21	26.89	6.92	103.30	77.57
17.5%	103.14	101.50	43.67	424.91	31.08	8.27	124.65	109.64
20.0%	124.21	116.00	49.91	486.80	35.86	9.45	142.45	125.31
22.5%	166.82	142.88	56.15	558.34	40.34	10.63	164.06	140.97
25.0%	185.36	175.00	62.39	621.86	52.86	11.81	182.29	156.63
27.5%	203.89	192.50	68.63	715.06	58.61	14.80	200.52	172.29
30.0%	222.43	210.00	74.87	780.07	63.94	16.15	222.80	187.96
32.5%	240.97	227.50	81.11	845.07	69.26	17.49	245.75	203.62
35.0%	259.50	245.01	87.34	910.08	74.59	18.84	267.02	219.28
37.5%	278.04	262.51	93.58	977.31	83.72	20.18	288.62	234.95
40.0%	299.11	280.01	99.82	1042.46	89.31	21.53	309.21	250.61
42.5%	347.43	297.51	111.59	1115.19	94.89	22.87	334.28	266.27
45.0%	367.87	315.01	118.16	1180.79	105.80	24.22	393.44	281.94
47.5%	400.34	332.51	125.75	1246.39	111.67	25.56	434.54	305.87
50.0%	440.42	365.01	132.37	1311.98	117.55	26.91	491.16	321.96
Obligated Level (GWh/d)	1783.4	1407.15	610.7	1670.7	476	309.1	950	699.68

Onshore Fields and Connections							
Hatfield Moor		Wytch Farm		Burton Point		Hole House Farm	
Obligated Level		Obligated Level		Obligated Level		Obligated Level	
10%	0.41	10%	0.001	10%	0.03	11%	0.05
20%	0.81	20%	0.002	20%	0.05	23%	0.11
30%	1.21	30%	0.004	30%	0.63	34%	0.16
40%	1.62	40%	0.005	40%	0.84	46%	0.21
50%	2.25	50%	0.006	50%	3.40	57%	3.73
						68%	4.48
						80%	5.22
						91%	5.97
						103%	6.72
						114%	7.46
						125%	8.21
						137%	10.23
						148%	11.09
						160%	12.69
Obligated Level (GWh/d)	25.3		3.3		73.5		131.6

Storage Sites												
Garton		Cheshire	Fleetwood	Hornsea		Glenmavis		Caythorpe	Partington		Barton Stacey	
Obligated Level				Obligated Level		Obligated Level			Obligated Level		Obligated Level	
2.5%	4.74	0.05	1.39	6.4%	5.76	10.0%	5.07	3.33	7.0%	0.05	8.7%	0.05
5.0%	9.48	0.10	2.77	12.9%	11.62	20.0%	10.48	6.65	14.0%	0.11	17.4%	4.16
7.5%	14.22	0.15	6.93	19.3%	17.43	30.0%	15.73	9.98	20.9%	0.16	26.1%	6.24
10.0%	18.95	0.19	9.70	25.7%	23.67	40.0%	21.95	13.30	27.9%	1.71	34.8%	8.95
12.5%	23.69	0.24	12.13	32.2%	30.38	50.0%	27.44	16.63	34.9%	4.53	43.5%	11.19
15.0%	28.43	0.29	16.28	38.6%	36.46				41.9%	5.44	52.1%	13.43
17.5%	33.17	0.34	19.00	45.0%	42.53				48.8%	7.09		
20.0%	37.91	0.39	21.71	51.5%	49.04				55.8%	8.10		
22.5%	42.65	0.43	24.95									
25.0%	47.38	0.48	27.72									
27.5%	52.12	9.02	30.49									
30.0%	56.86	9.84	33.26									
32.5%	61.60	13.79	36.03									
35.0%	66.34	14.85	38.80									
37.5%	71.08	15.91	41.57									
40.0%	75.81	17.74	44.35									
42.5%	80.55	18.85	48.49									
45.0%	85.29	19.96	52.23									
47.5%	90.03	56.79	89.96									
50.0%	94.77	59.78	94.70									
Obligated Level (GWh/d)	420	542.7	650		233.1		99.0	90		215		172.6

£m

Constrained LNG			
Avonmouth		Dynevor Arms	
Obligated Level		Obligated Level	
8.4%	0.85	10%	0.02
16.7%	2.24	20%	0.04
25.1%	9.75	30%	0.05
33.5%	13.65	40%	0.07
41.8%	17.06	50%	0.09
50.2%	20.47		
Obligated Level (GWh/d)	179.3		49

Appendix 4

Useful Sources Relating to Entry Capacity Regime and QSEC Auctions

- National Grid website for GB Gas Entry Capacity presentation material
www.nationalgrid.com/uk/gas/data
- Joint Office website for UNC documentation and for Transmission Workstream meeting minutes www.gasgovernance.com
- Ofgem website for NTS Licence and NTS Licence amendments www.ofgem.gov.uk
- Incremental Entry Capacity Release (IECR) Statement
www.nationalgrid.com/uk/Gas/Charges/statements/transportation/iecr/
- Incremental Entry Capacity Release (IECR) Charging Model
www.nationalgrid.com/uk/Gas/Charges/statements/transportation/iecr/
- Ten Year Statement
www.nationalgrid.com/uk/Gas/TYS/

Appendix 5

Industry Development

1. Implementation of UNC Modification Proposal 0230AV Amendment to the QSEC and AMSEC Auction Timetables

National Grid would like to highlight that UNC modification proposal 0230AV has been approved by Ofgem with an implementation date of the 1st January 2010. This proposal will result in the following changes:

- Moving the QSEC Auction from **September to March** (i.e. the 2010 QSEC Auction will now be held in March 2010)
- Shortening the AMSEC transaction period from **2 (two) years to 18 (eighteen) months**, please note that the AMSEC Auction will continue to be held in the month of February
- The definition of Capacity Year will be amended, the Capacity Year will now encompass the **1st October to 30th September** rather than 1st April to 31st March

Further information on this Mod can be found via

<http://www.gasgovernance.com/Code/Modifications/ClosedMods/CM221-230/>.

2. Quarterly NTS Entry Capacity User Commitment

As part of the QSEC 2008 invitation letter, it was highlighted that National Grid intended to raise a UNC Review Proposal 'Review of Entry Capacity and the Appropriate Allocation of Financial Risk'. As a result, Review Group 0221 was established in September 2008 to assess whether or not the current credit arrangements, in place for securing long term NTS Entry Capacity, were sufficiently robust and provide the correct balance of risk between various Shipper Users.

Modification Proposal 0246 "Quarterly NTS Entry Capacity User Commitment" was raised by National Grid as a consequence of discussions within Review Group 0221. Proposal 0246, if implemented, would remove what the Review Group agreed was an inappropriate length of time between Users being allocated capacity in the QSEC auction and their committing financially to this. The proposal would also enhance the current regime by removing the ability for Users to defer their Quarterly NTS Entry Capacity commitments. EDF (0246A) and BGT (0246B) have raised alternative proposals. All three proposals were submitted to Ofgem in May 2009 and a decision is expected later this year. For the avoidance of doubt it is not expected that any UNC Modifications in relation to the credit arrangements will affect the operation of the 2009 QSEC auction, this is not to say that Capacity bought in this auction will be excluded from any new arrangements going forward.

Further information on the three proposals can be found on the JO website:

<http://www.gasgovernance.com/Code/Modifications/LiveMods/>

Appendix 6

Potential Advisors

In our invitation to the 2007 QSEC briefing, we asked potential advisors to forward details to us if they so wished and we have included their details in the 2007, 2008, and now the 2009 QSEC invitation letter.

Below is a list of those advisors that 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. Shippers 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
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3. TPA Solutions
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Potential advisors wishing to be included in future lists should contact the Capacity Auctions team at National Grid.