To: National Grid Gas Plc (the "licensee")

NOTICE UNDER SECTION 23(2) OF THE GAS ACT 1986

The Gas and Electricity Markets Authority (the Authority) hereby gives notice pursuant to section 23(2) of the Gas Act 1986 (the Act) as follows:

- 1. The Authority proposes to modify the gas transporter licence held by the licensee granted or treated as granted under 7 of the Act by amending Part G of Special Condition 5G (Determination of Incremental Obligated Exit Capacity volumes and the appropriate revenue drivers to apply).
- 2. The reason why the Authority proposes to make this licence modification is to add to the licence three exit points proposed by the licensee and make changes to two other names of exit points already listed in Special Condition 5G.
- 3. The effect of the proposed modification is to add Apache (Sage Black Start), Seal Sands TGPP and Trafford Power Station as new exit points to Table 8 in Part G of Special Condition 5G. The licensee has not requested revenue drivers for any of the new exit points. The modification will also correct the spelling of Theddlethorpe and change the name of the exit point Kintore to Glasgoforest. Appendix 1 to this Notice shows proposed changes to Special Condition 5G.
- 4. A copy of the proposed modification and other documents referred to in this Notice have been published alongside this Notice and are available on the Ofgem website (<u>www.ofgem.gov.uk</u>).
- 5. Any representations with respect to the proposed licence modifications must be made on or before 10 December 2014 to: Hannah Mottram, Office of Gas and Electricity Markets, 9 Millbank, London, SW1P 3GE or by email to gas.transmissionresponse@ofgem.gov.uk.
- 6. All responses will normally be published on Ofgem's website. However, if respondents do not wish their response to be made public then they should clearly mark their response as not for publication. Ofgem prefers to receive responses in an electronic form so they can be placed easily on the Ofgem website.
- 7. If the Authority decides to make the proposed modification it will take effect not less than 56 days after the decision is published.

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Andy Burgess, Associate Partner, Transmission and Distribution Policy Duly authorised on behalf of the Gas and Electricity Markets Authority 11 November 2014 Appendix 1 – Draft Special Condition 5G (Determination of Incremental Obligated Exit Capacity volumes and the appropriate revenue drivers to apply) of National Grid Gas Plc's gas transporter licence

Special Condition 5G. Determination of Incremental Obligated Exit Capacity volumes and the appropriate revenue drivers to apply

Introduction

5G.1 The purpose of this condition is to set out:

- (a) the process by which the Licensee can propose, and the Authority can approve the volume of Incremental Obligated Exit Capacity;
- (a) the treatment of Incremental Obligated Exit Capacity for the purposes of the Special Conditions, including the appropriate funding allowance for that Incremental Obligated Exit Capacity; and
- (b) the obligations on the Licensee to calculate revenue drivers for NTS Exit Points where required (as set out in this condition) in a timely manner.
- 5G.2 The ExCl_t term derived in accordance with this condition will constitute a revised value for the PCFM Variable Value ExCl for Formula Year t for use in the Annual Iteration Process for the GT1 Price Control Financial Model as described in Special Condition 4B (Annual Iteration Process for the GT1 Price Control Financial Model). As a consequence of the Annual Iteration Process, the value of the term MOD_t as calculated for Formula Year t for the purposes of Part D of Special Condition 2A (Restriction of NTS Transportation Owner Revenue) will result in an adjustment of the Licensee's Base NTS Transportation Owner Activity Revenue in a manner that is consistent with the policy set out in the GT1 Price Control Financial Methodologies contained within the GT1 Price Control Financial Handbook.

Part A: Proposal to release Incremental Obligated Exit Capacity and the associated funding arrangements

- 5G.3 Where the Licensee reasonably believes that there is or will be demand from Users for the volume of Firm Exit Capacity in excess of the prevailing level of Firm Exit Capacity as a result of calculations carried out by the Licensee in accordance with its Capacity Methodology Statements for the time being in force pursuant to Special Conditions 9A (Entry Capacity and Exit Capacity Obligations and Methodology Statements) and 9B (Methodology to determine the release of Entry Capacity and Exit Capacity volumes), it must give a notice in writing (the "Exit Capacity notice") to the Authority.
- 5G.4 The Exit Capacity notice must set out the Licensee's proposals in respect of each NTS Exit Point at which the Licensee believes there is or will be demand for that volume of Firm Exit Capacity to be treated as Incremental Obligated Exit Capacity (the "proposal").
- 5G.5 The Exit Capacity notice must set out the Licensee's proposal for that volume of Firm Exit Capacity to be treated for the purposes of this condition as either:
 - (a) Funded Incremental Obligated Exit Capacity; or
 - (b) Non-incremental Obligated Exit Capacity provided by Exit Capacity Substitution in accordance with Special Condition 9A.

- 5G.6 The Exit Capacity notice must include the following information, in sufficient detail to enable the Authority to determine (in accordance with paragraph 5G.9 of this condition) whether the Licensee must implement the proposal:
 - (a) the results of applying the capacity release methodology statements for the time being in force pursuant to Special Condition 9B and the rationale and justification for why the Licensee considers that the volume of Firm Exit Capacity should be released;
 - (b) how the capacity release methodology statements for the time being in force pursuant to Special Condition 9B have been applied (including the provision of all relevant input data) by the Licensee to determine the amount of volume of Firm Exit Capacity that it proposes to treat as Incremental Obligated Exit Capacity;
 - (c) the NTS Exit Point or NTS Exit Points to which the proposal relates;
 - (d) the volume of Incremental Obligated Exit Capacity that the Licensee proposes to treat as:
 - (i) Funded Incremental Obligated Exit Capacity and the associated revenue driver allowance for each relevant Formula Year t ExCI_t, calculated in accordance with Part B of this condition and/or associated variation to the Constraint Management target for each relevant Formula Year t CMOpDT_t for the purposes of Part I of Special Condition 3B (Entry Capacity and Exit Capacity Constraint Management); and
 - (ii) Non-incremental Obligated Exit Capacity substituted to that NTS Exit Point in accordance with the Exit Capacity Substitution methodology for the time being in force pursuant to Special Condition 9A to which the proposal relates;
 - the volume of unsold Non-incremental Obligated Exit Capacity that has been substituted from one or more other NTS Exit Points, in accordance with the Exit Capacity Substitution methodology for the time being in force pursuant to Special Condition 9A;
 - (f) the first month in which the volume of Incremental Obligated Exit Capacity referred to in paragraph 5G.6(d) of this condition would be provided at the relevant NTS Exit Point or in which the volume of Non-incremental Obligated Exit Capacity referred to in paragraph 5G.6(e) of this condition would cease to be used at the relevant NTS Exit Points (for the avoidance of doubt, the capacity will be deemed to be used from the first Day of the month in question);
 - (g) the date in respect of which the Licensee's obligations to offer for sale the volume of Incremental Exit Capacity referred to in paragraph 5G.6(d) of this condition would commence and the date on which the Licensee's obligations to offer for sale that volume of Non-incremental Obligated Exit Capacity substituted away from those NTS Exit Points referred to in paragraph 5G.6(e) of this condition would cease; and
 - (h) details of any Permits Arrangements applied under the provisions of Special Condition 2D (Permit Arrangements for the provision of incremental capacity).
- 5G.7 The Licensee must keep each Exit Capacity notice.

- 5G.8 The Licensee must provide the Authority with such additional information as the Authority reasonably requests for the purposes of considering an Exit Capacity notice made by the Licensee.
- 5G.9 The Licensee must implement the proposal as set out within the Exit Capacity notice made pursuant to paragraph 5G.3 of this condition or as modified in accordance with paragraph 5G.10(b) of this condition, unless:
 - (a) the Authority has, within 7 days from the receipt by the Authority of the Exit Capacity notice, notified the Licensee in writing that it should suspend the implementation of the proposal contained in the Exit Capacity notice because, in its opinion, the Authority requires further consideration to evaluate whether that proposal, and the supporting information, is consistent with the Licensee's Exit Capacity release methodology, the Licensee's Exit Capacity Substitution methodology (established pursuant to Special Condition 9A), and the Licensee's duties under the Act and the obligations in this licence; or
 - (b) the Authority has, within 28 days from the receipt by the Authority of the application made pursuant to paragraph 5G.3 of this condition, directed the Licensee, on or before that date, not to implement that proposal.
- 5G.10 Where the Authority has notified the Licensee in writing to suspend implementation of the proposal in accordance with paragraph 5G.9(a) of this condition but has not issued a direction under paragraph 5G.9(b) of this condition the Authority may direct the Licensee, within 28 days from the receipt by the Authority of the Exit Capacity notice either:
 - (a) to implement the proposal as set out in the Exit Capacity notice; or
 - (b) to implement the proposal in a modified form, subject to the agreement of the Licensee to that modified form, where such modifications relate to:
 - (i) the volume of Incremental Obligated Exit Capacity that the Licensee proposes to treat as:
 - 1. Funded Incremental Obligated Exit Capacity; or
 - 2. Non-incremental Obligated Exit Capacity substituted to any NTS Exit Point in accordance with the Exit Capacity Substitution methodology for the time being in force pursuant to Special Condition 9A; and
 - (i) the first month in respect of which the volume of Incremental Obligated Exit Capacity or Non-incremental Obligated Exit Capacity referred to in:
 - 1. paragraph 5G.6(d) of this condition would be provided at the relevant NTS Exit Point; or
 - 2. paragraph 5G.6(e) of this condition would cease to be used at the relevant NTS Exit Points.
- 5G.11 The Licensee may withdraw an Exit Capacity notice within 7 days from receipt by the Authority of the Exit Capacity notice, except where the Authority has notified the Licensee under paragraph 5G.9(a) of this condition to suspend implementation of the proposal set out in an Exit Capacity notice.
- 5G.12 Where the Authority makes a notification under paragraph 5G.9, the Licensee may withdraw such a proposal within 28 days from receipt by the Authority of the Exit Capacity

notice, unless the Authority has otherwise directed the Licensee to implement the proposal in accordance with paragraph 5G.10 of this condition.

- 5G.13 Where the Authority has made a direction that the Licensee should not implement a proposal set out in an Exit Capacity notice, the Licensee remains entitled to make available Firm Exit Capacity additional to the prevailing level of Obligated Exit Capacity at the time the proposal is made, and any such volume of Firm Exit Capacity sold by the Licensee must be treated as Non-obligated Exit Capacity.
- 5G.14 The Licensee must publish on its website the effect of implementing each proposal set out in an Exit Capacity notice on the cumulative volume of Funded Incremental Obligated Exit Capacity and Non-incremental Obligated Exit Capacity for each NTS Exit Point i for each month m in a form and manner approved by the Authority.
- 5G.15 The Licensee must use reasonable endeavours to ensure that the information published pursuant to paragraph 5G.14 is accurate and up-to-date.
- 5G.16 Where the Authority directs that the Licensee should implement a proposal set out in an Exit Capacity notice, the Licensee must calculate the appropriate additional Totex allowance in accordance with Part B.

Part B: Additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity

- 5G.17 This paragraph applies where the Licensee has made a proposal pursuant to Part A above which has proposed that Exit Capacity be treated for the purposes of this condition as Funded Incremental Obligated Exit Capacity.
- 5G.18 The total Totex allowance for Formula Year t due to the Licensee in respect of the release of Funded Incremental Obligated Exit Capacity (ExCl_t) will be determined in accordance with the following formula:

 $\begin{aligned} & \text{ExCl}_{t} = 0.2 \text{ x } \sum_{\text{all } i} \sum_{\text{all } j} \text{TotExRevD}_{i,j,y} \text{ x ExIND}_{t}; \text{ where } t = y-2 \\ & \text{ExCl}_{t} = 0.8 \text{ x } \sum_{\text{all } i} \sum_{\text{all } j} \text{TotExRevD}_{i,j,y} \text{ x ExIND}_{t}; \text{ where } t = y-1 \\ & \text{ExCl}_{t} = 0.01 \text{ x } \sum_{\text{all } i} \sum_{\text{all } j} \text{TotExRevD}_{i,j,y} \text{ x ExIND}_{t}; \text{ where } t = y \text{ and any subsequent} \end{aligned}$

Formula Year to the end of the Price Control Period

 $ExCl_t = 0$; otherwise

where :

у	is the Formula Year during which the Contractual Delivery Date for Funded Incremental Obligated Exit Capacity at NTS Exit Point i for an amount of Incremental Exit Capacity of j GWh/d falls.
TotExRevD _{i,j,y}	is the additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity at NTS Exit Point i for an amount of Incremental Obligated Exit Capacity of j GWh/d, calculated as provided for in Part C of this condition.
ExIND _t	is the real additional cost inflation index above RPI based on the real price effect allowance for

Formula Year t and will take the values in Table 1 below:

Formula Year	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
ExIND _t	1.015	1.018	1.022	1.026	1.029	1.033	1.037	1.041

Table 1: Values for the real additional cost inflation index

Part C: Additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity (TotExRevD_{i,i,v})

- 5G.19 Except where the Licensee has in place a generic entry and exit revenue driver methodology statement pursuant to Special Condition 9C (Methodology to determine revenue drivers), the additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity for use at NTS Exit Point i, for an amount of Incremental Obligated Exit Capacity of j GWh/d (TotExRevD_{i,j,y}) will be calculated in accordance with Part D of this condition.
- 5G.20 Where the Licensee has in place a generic entry and exit revenue driver methodology statement pursuant to Special Condition 9C, the Licensee must calculate the appropriate additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity for use at NTS Exit Point i, for an amount of Incremental Obligated Exit Capacity of j GWh/d in accordance with that methodology.
- 5G.21 The Licensee must send the Authority a notice to indicate the amount for $TotExRevD_{i,j,y}$ and this value will be subsequently determined by the Authority in accordance with Part E of this condition.

Part D: Additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity (TotExRevD_{i,j,y}) where a generic entry and exit revenue driver methodology has not been approved by the Authority and published by the Licensee

5G.22 Where no generic entry and exit revenue driver methodology is in place pursuant to Special Condition 9C, the value for the additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity, TotExRevD_{i,j,y} will be calculated in accordance with the following formula:

$$TotExRevD_{i,j,y} = ExCIIR_y$$
^{sequad} + $ExCIIR_y$ ^{storage}

where

 $ExCIIR_v$ sequad

is the additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity at NTS Exit Point i in the south east quadrant for an amount of Incremental Obligated Exit Capacity of j GWh/d which was first contractually delivered within Formula Year y, calculated in accordance with paragraph 5G.23 of this condition. ExCIIRystorageis the additional Totex allowance in respect of the
release of Funded Incremental Obligated Exit
Capacity at NTS Exit Point i which are storage
sites connected to the Bacton terminal for an
amount of Incremental Obligated Exit Capacity of
j GWh/d which was first contractually delivered
within Formula Year y, calculated in accordance
with paragraph 5G.26 of this condition.

5G.23 For the purpose of paragraph **Error! Reference source not found.** of this condition, the additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity at NTS Exit Point i in the south east quadrant for an amount of Incremental Obligated Exit Capacity of j GWh/d which was first contractually delivered within Formula Year y is calculated in accordance with the following formula:

$$ExCIIR_{y}^{sequad} = \sum_{all \ i \ in \ sequad} ExCIIRS_{i,y}$$

where:

sequad means NTS Exit Points in the south east quadrant and which are set out below:

Table 2:NTS Exit Points in the South East quadrant

NTS Exit Points i in the South East quadrant
Horndon
Barking (Horndon)
Stanford Le Hope (Coryton)
Coryton 2 (Thames Haven) Power
Shorne
Middle Stoke (Damhead Creek, aka Kingsnorth Power Station)
Grain Power Station
Tilbury

 $ExCIIRS_{i,y}$ means the additional Totex allowance calculated in accordance with the relevant formula specified in Table 3 below:

Table 3: Calculation of relevant additional T	fotex allowance for	NTS Exit Points in
the south east quadrant		

where: j≤50 GWh/d	$ExCIIRS_{i,y}$ will be calculated using the formula specified in paragraph 5G.25 of this condition "Formula A".
where: 50 GWh/d < j≤100 GWh/d	$ExCIIRS_{i,y}$ will be calculated using the formula specified in paragraph 5G.25 of this condition "Formula B".
where: 100 GWh/d < $j \le 150$ GWh/d	$ExCIIRS_{i,y}$ will be calculated using the formula specified in paragraph 5G.25 of this condition "Formula C".
where: 150 GWh/d < j≤200 GWh/d	$ExCIIRS_{i,y}$ will be calculated using the formula specified in paragraph 5G.25 of this condition "Formula D".
where: j> 200 GWh/d	$ExCIIRS_{i,y}$ will be calculated using the formula specified in paragraph 5G.25 of this condition "Formula E".

- 5G.24 For the purposes of Table 3, j means the volume (in units of GWh/d) of Funded Incremental Obligated Exit Capacity at NTS Exit Point i in the south east quadrant which was contractually delivered within Formula Year y.
- 5G.25 For the purposes of paragraph 5G.23 of this condition:
 - i) Formula A will be: ExCIIRS_{i,y} = j x IREx1_i where:

 $IREx1_i = IRExz_i$, where z=1.

- ii) Formula B will be: $ExCIIRS_{i,y} = (50 \text{ x } IREx1_i) + (j - 50) \text{ x } IREx2_i$ where: $IREx1_i = IRExz_i$, where z=1; and $IREx2_i = IRExz_i$, where z=2.
- iii) Formula C will be: $ExCIIRS_{i,y} = (50 \times IREx1_i) + (50 \times IREx2_i) + (j - 100) \times IREx3_i$ where: $IREx1_i = IRExz_i$, where z=1; $IREx2_i = IRExz_i$, where z=2; and $IREx3_i = IRExz_i$, where z=3.

iv) Formula D will be: $ExCIIRS_{i,y} = (50 \text{ x } IREx1_i) + (50 \text{ x } IREx2_i) + (50 \text{ x } IREx3_i) + (j - 150) \text{ x } IREx4_i$ where: $IREx1_i = IRExz_i$, where z=1; $IREx2_i = IRExz_i$, where z=2; $IREx3_i = IRExz_i$, where z=3; and $IREx4_i = IRExz_i$, where z=4.

 $v) \mbox{ Formula E will be:} \\ ExCIIRS_{i,y} = (50 \ x \ IREx1_i) + (50 \ x \ IREx2_i) + (50 \ x \ IREx3_i) + (50 \ x \ IREx4_i) + (j \ -200) \ x \ IREx5_i \\ where: \\ IREx1_i = IRExz_i, \ where \ z=1; \\ IREx2_i = IRExz_i, \ where \ z=2; \\ IREx3_i = IRExz_i, \ where \ z=3; \\ IREx4_i = IRExz_i, \ where \ z=4; \ and \\ IREx5_i = IRExz_i, \ where \ z=5. \\$

In each of the formulae A to E above $IRExz_i$ is the additional Totex allowance for Funded Incremental Obligated Exit Capacity at NTS Exit Point i in the south east quadrant and will take the values in accordance with Table 4 below:

Table 4: Calculation of relevant additional Totex allowance for NTS Exit Points in the south east quadrant

Increment	50 GWh/d	100 GWh/d	150 GWh/d	200 GWh/d	250 GWh/d
z =	1	2	3	4	5
£m/GWh (2009/10 prices)	2.899	2.826	3.089	3.453	3.573

5G.26 For the purpose of paragraph 5G.22 of this condition, the additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity at NTS Exit Point i which are storage sites connected to the Bacton terminal of j GWh/d which was first

contractually delivered within Formula Year y is calculated in accordance with the following formula:

$$ExCIIR_{y}^{storage} = \sum_{all \ storage \ sites} j \ x \ STPROJ_{i}$$

where:

STPROJ_i is the revenue allowance at NTS Exit Points which are storage sites connected to the Bacton terminal which will be determined in accordance with Table 5 below in respect of the Funded Incremental Obligated Exit Capacity required for each relevant project(s):

Table 5: Calculation of relevant additional Totex allowance for NTS exit points at storage sites

Incremental Exit Capacity j (GWh/d)	STPROJ _i (£m/GWh) (2009/10 prices)
j = 353	1.423
j = 657	1.077
j = 1010	1.107

Part E: Additional Totex allowances in respect of the release of Funded Incremental Obligated Exit Capacity (TotExRevD_{i,j,y}) where a generic entry and exit revenue driver methodology has been approved by the Authority and published by the Licensee

5G.27 The Authority will determine a value for TotExRevD_{i,j,y} by 30 September or as soon as reasonably practicable thereafter in Formula Year t-1 where an additional Totex allowance in respect of the release of Funded Incremental Obligated Exit Capacity will apply for Formula Year t and will bring forward a proposal to modify this condition to implement that determination by modifying Table 5 as soon as is reasonably practicable.

Table 6: Directed values for additional Totex allowance for Funded Incremental Obligated Exit Capacity (TotExRevD_{i,j,y}) (£m 2009/10 prices)

Exit point i	Date directed	Date of contractual delivery of capacity (within Formula Year y)	Volume (in units of GWh per Day) of capacity delivered (j)	TotExRevD _{i,j,y} (£m 2009/10 prices)
Exit point A	nn/nn/nn			
Exit point B	nn/nn/nn			

Part F: Procedure for direction of revised ExClt values by the Authority

- 5G.28 Any value for ExCl_t applying for Formula Year t determined by the Authority in accordance with Part B of this condition will be directed by the Authority by 30 November or as soon as reasonably practicable thereafter in each Formula Year t-1.
- 5G.29 The values directed by the Authority under paragraph 5G.28 will be deemed to be set out in Table 7 below:

Table 7: Directed values for additional Totex allowance for Funded Incremental Obligated Exit Capacity (ExCl_t) (£m 2009/10 prices)

Value for (2009/10 p	ExCl _t (£m) prices)	Formu	la Year		<u> </u>				
	Date Directed	2013/ 14	2014/ 15	2015/ 16	2016/ 17	2017/ 18	2018/ 19	2019/ 20	2020/ 21
Exit point A	nn/nn/nn								
Exit point B	nn/nn/nn								
Total value of ExRD _t									

Part G: Non-incremental Obligated Exit Capacity

- 5G.30 Non-incremental Obligated Exit Capacity will be the sum of Licence Baseline Exit Capacity as set out in Table 8 below adjusted for Exit Capacity Substitution and Legacy TO Exit Capacity from the date that the revenue entitlement in accordance with Special Condition 3A (Restriction of NTS System Operation Revenue) has ceased.
- 5G.31 Licence Baseline Exit Capacity is set out in Table 8.

Offtake Point	Type of Offtake	Enduring flat baseline (GWh/d)
Bacton	GDN (EA)	3.66
Brisley	GDN (EA)	3.11
Cambridge	GDN (EA)	0
Great Wilbraham	GDN (EA)	35.59
Matching Green	GDN (EA)	92.31
Peterborough Eye (Tee)	GDN (EA)	25.45
Roudham Heath	GDN (EA)	25.46
Royston	GDN (EA)	2.70
Whitwell	GDN (EA)	161.87
West Winch	GDN (EA)	12.26
Yelverton	GDN (EA)	64.61

Table 8: Licence Baseline Exit Capacity

Alrewas (EM)	GDN (EM)	139.87
Blaby	GDN (EM)	13.40
Blyborough	GDN (EM)	79.33
Caldecott	GDN (EM)	11.08
Thornton Curtis (DN)	GDN (EM)	118.15
Drointon	GDN (EM)	74.27
Gosberton	GDN (EM)	15.23
Kirkstead	GDN (EM)	1.21
Market Harborough	GDN (EM)	9.48
Silk Willoughby	GDN (EM)	3.53
Sutton Bridge	GDN (EM)	1.71
Tur Langton	GDN (EM)	65.67
Walesby	GDN (EM)	0.97
Asselby	GDN (NE)	3.92
Baldersby	GDN (NE)	1.34
Burley Bank	GDN (NE)	20.31
Ganstead	GDN (NE)	23.15
Pannal	GDN (NE)	148.41
Paull	GDN (NE)	38.14
Pickering	GDN (NE)	9.38
Rawcliffe	GDN (NE)	3.55
Towton	GDN (NE)	80.73
Bishop Auckland	GDN (NO)	62.13
Coldstream	GDN (NO)	1.96
Corbridge	GDN (NO)	0.07
Cowpen Bewley	GDN (NO)	52.12
Elton	GDN (NO)	38.27
Guyzance	GDN (NO)	2.19
Humbleton	GDN (NO)	0.16
Keld	GDN (NO)	1.89
Little Burdon	GDN (NO)	17.75
Melkinthorpe	GDN (NO)	1.77
Saltwick Pressure	GDN (NO)	9.22
Controlled		
Saltwick Volumetric	GDN (NO)	69.07
Controlled		
Thrintoft	GDN (NO)	5.16
Towlaw	GDN (NO)	0.55
Wetheral	GDN (NO)	29.11
Horndon	GDN (NT)	46.41
Luxborough Lane	GDN (NT)	165.3
Peters Green	GDN (NT)	151.86
Peters Green South	GDN (NT)	197.12
Winkfield (NT)		15.01
winkneid (NI)		13.91
Audiey (NW)		12.14
DIACKFOO		100.49
Ecclestone	GDN (NW)	21.14

Holmes Chapel	GDN (NW)	22.19
Lupton	GDN (NW)	16.23
Malpas	GDN (NW)	0.99
Mickle Trafford	GDN (NW)	29.08
Partington	GDN (NW)	87.63
Samlesbury	GDN (NW)	110.99
Warburton	GDN (NW)	110.62
Weston Point	GDN (NW)	30.64
Aberdeen	GDN (SC)	23.09
Armadale	GDN (SC)	3.01
Balgray	GDN (SC)	11.4
Bathgate	GDN (SC)	24.22
Broxburn	GDN (SC)	60.80
Burnhervie	GDN (SC)	22.38
Careston	GDN (SC)	3.05
Drum	GDN (SC)	77.04
St Fergus	GDN (SC)	0.88
Glenmavis	GDN (SC)	145.79
Hume	GDN (SC)	1.22
Kinknockie	GDN (SC)	2.35
Langholm	GDN (SC)	0.15
Lauderhill	GDN (SC)	1.79
Lockerbie	GDN (SC)	5.7
Netherhowcleugh	GDN (SC)	0.2
Pitcairngreen	GDN (SC)	1.59
Soutra	GDN (SC)	4.19
Stranraer	GDN (SC)	0.68
Farningham	GDN (SE)	135.12
Farningham B	GDN (SE)	0
Shorne	GDN (SE)	67.06
Tatsfield	GDN (SE)	276.46
Winkfield (SE)	GDN (SE)	106.26
Braishfield A	GDN (SO)	107.28
Braishfield B	GDN (SO)	46.65
Crawley Down	GDN (SO)	0
Hardwick	GDN (SO)	118.68
Ipsden	GDN (SO)	12.39
Ipsden 2	GDN (SO)	14.25
Mappowder	GDN (SO)	47.68
Winkfield (SO)	GDN (SO)	71.86
Aylesbeare	GDN (SW)	22.68
Cirencester	GDN (SW)	8.97
Coffinswell	GDN (SW)	5.15
Easton Grey	GDN (SW)	29.60
Evesham	GDN (SW)	6.57
Fiddington	GDN (SW)	25.95
Ilchester	GDN (SW)	34.96
Kenn	GDN (SW)	15.43

Littleton Drew	GDN (SW)	2.47
Lyneham (Choakford)	GDN (SW)	50.30
Pucklechurch	GDN (SW)	25.79
Ross (SW)	GDN (SW)	4.53
Seabank (DN)	GDN (SW)	60.74
Alrewas (WM)	GDN (WM)	128.48
Aspley	GDN (WM)	84.65
Audley (WM)	GDN (WM)	21.83
Austrey	GDN (WM)	87.81
Leamington	GDN (WM)	4.26
Lower Quinton	GDN (WM)	29.91
Milwich	GDN (WM)	21.63
Ross (WM)	GDN (WM)	16.52
Rugby	GDN (WM)	80.08
Shustoke	GDN (WM)	44.76
Stratford-upon-Avon	GDN (WM)	4.68
Maelor	GDN (WN)	57.56
Dowlais	GDN (WS)	112.18
Dyffryn Clydach	GDN (WS)	42.78
Gilwern	GDN (WS)	52.74
Abson (Seabank Power	DC	36.59
Station phase I)		
Apache (Sage Black	DC	<u>0</u>
<u>Start)</u>		
Bacton (Great	DC	20.04
Yarmouth)		
Barking (Horndon)	DC	58.59
	DC	
Barrow (Black Start)	DC	0
Billingham ICI (Terra	DC	43.54
Billingnam) Dishan Aughland (test		0
bisnop Auckland (lest	DC	0
Disolance (DD	DC	27.20
Grangemouth)	DC	21.29
Dialigemouth (Drigg)	DC	16.90
Бтурогойдн (Бндд)	DC	10.89
Blyborough (Cottam)	DC	17 54
Diyborougn (Cottain)	DC	17.54
Brine Field (Teesside)	DC	0
Power Station		-
Burton Point (Connahs	DC	73.21
Quay)		
Caldecott (Corby Power	DC	21.12
Station)		
Carrington (Partington)	DC	0
Power Station		
Cockenzie Power	DC	0
Station		

Coryton 2 (Thames	DC	0
Haven) Power Station		
Centrax Industrial	DC	0
Deeside	DC	28.48
Didcot	DC	137.76
Drakelow Power Station	DC	0
Eastoft (Keadby	DC	2.38
Blackstart)		
Eastoft (Keadby)	DC	36.06
Enron Billingham	DC	121.51
Epping Green (Enfield	DC	18.41
Energy, aka		
Brimsdown)		
Ferny Knoll (AM Paper)	DC	1.08
<u>Glasgoforest</u>	<u>DC</u>	<u>0</u>
Goole (Guardian Glass)	DC	1.62
Gowkhall (Longannet)	DC	43.32
Grain Power Station	DC	0
Harwarden (Shotton,	DC	11.59
aka Shotton Paper)		
Hatfield Power Station	DC	0
Hollingsgreen (Hays	DC	3.25
Chemicals)		
Kintore	ĐC	θ
Langage Power Station	DC	0
Marchwood Power Station	DC	0
Medway (aka Isle of	DC	38.12
Grain Power Station,		
NOT Grain Power)		
Middle Stoke (Damhead	DC	40.94
Creek, aka Kingsnorth		
Power Station)		
Moffat (Irish	INTERCONNECTOR	433.4
Interconnector)		
Pembroke Power	DC	0
Station		
Peterborough	DC	23.28
(Peterborough Power		
Station)		
Phillips Petroleum,	DC	3.69
Teesside		
Pickmere (Winnington	DC	15.38
Power, aka Brunner		
Mona)		

Roosecote Power	DC	14.73
Station (Barrow)		
Rosehill (Saltend Power	DC	57.83
Station)		
Ryehouse	DC	38.66
Saddle Bow (Kings	DC	17.98
Lynn)		
Saltend BPHP (BP		9.1
Saltend HP)	DC	
Sandy Lane (Blackburn	DC	4.55
CHP, aka Sappi Paper		
Mill)		
Seabank (Seabank	DC	19.1
Power Station phase II)		
Seal Sands TGPP	<u>DC</u>	<u>0</u>
Calle Call Damas Chattan	DC	10.25
Senaneid Power Station	DC	12.55
Shellstar (aka Kemira	DC	16.24
not Kemira CHP)		10.21
Shotwick (Bridgewater	DC	5.52
Paper)		
Spalding 2 (South	DC	0
Holland) Power Station		
St. Fergus (Shell	DC	0
Blackstart)		
St. Fergus (Peterhead)	DC	108.3
St. Neots (Little	DC	35.2
Barford)		
Stallingborough	DC	66.5
Stanford Le Hope	DC	36.61
(Coryton)		
Staythorpe	DC	76.24
Sutton Bridge Power	DC	37.47
Station		
Teesside (BASF, aka	DC	9.75
BASF Teesside)		
Teesside Hydrogen	DC	6.61
Terra Nitrogen (aka ICI,	DC	13.1
Terra Severnside)		
Thornton Curtis	DC	46.89
(Humber Refinery, aka		
Immingham)		
Thornton Curtis	DC	81.22
(Killingholme)		
Tilbury Power Station	DC	0
Tonna (Baglan Bay)	DC	26.75
Trafford Power Station	<u>DC</u>	<u>0</u>

Upper Neeston (Milford Haven Refinery)	DC	0
West Burton Power	DC	0
Station		
Weston Point (Castner	DC	11.7
Kelner, aka ICI		
Runcorn)		
Weston Point	DC	38.19
(Rocksavage)		
Willington Power	DC	0
Station		
Wragg Marsh	DC	42.02
(Spalding)		
Wyre Power Station	DC	0
Zeneca (ICI Avecia, aka	DC	0.11
'Zenica')		
Bacton (Baird)	STORAGE SITE	0
Barrow (Bains)	STORAGE SITE	0
Barrow (Gateway)	STORAGE SITE	0
Caythorpe	STORAGE SITE	0
Deborah Storage	STORAGE SITE	0
(Bacton)		
Hatfield Moor Max	STORAGE SITE	30.21
Refill		
Hill Top Farm (Hole	STORAGE SITE	0
House Farm)		
Holford	STORAGE SITE	0
Hole House Max Refill	STORAGE SITE	119.58
Partington Max Refill	STORAGE SITE	2.41
Saltfleetby Storage	STORAGE SITE	0
(Theddlesthorpe)		
Stublach (Cheshire)	STORAGE SITE	0
Glenmavis Max Refill	STORAGE SITE	1.62
Barton Stacey Max	STORAGE SITE	100.94
Refill (Humbly Grove)		
Avonmouth Max Refill	STORAGE SITE	2.3
Dynevor Max Refill	STORAGE SITE	2.61
Garton Max Refill	STORAGE SITE	211.01
(Aldbrough)		
Hornsea Max Refill	STORAGE SITE	22.43
Rough Max Refill	STORAGE SITE	160
Bacton (IUK)	INTERCONNECTOR	623.58
Bacton (BBL)	INTERCONNECTOR	0

5G.32 Exit Capacity that has been provided by Exit Capacity Substitution and the applicable date from the which the Exit Capacity Substitution applies for the purpose of calculating Non-incremental Obligated Exit Capacity is set out in Table 9.

Table 9:	Exit	Capacity	Substitution
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NTS Exit Point	Date from which Exit Capacity Substitution applies	Exit Capacity Substitution (GWh/d)
Coldstream	October 2014	0.355892
Towlaw	October 2014	0.022053
Netherhowcleugh	October 2014	0.022112
Bathgate	October 2014	-0.043961
Broxburn	October 2014	-0.355892
Langholm	October 2014	-0.000204
Middle Stoke (Damhead Creek, aka Kingsnorth Power Station)	October 2017	54.396184
Tatsfield	October 2017	-46.486979

5G.33 Legacy TO Exit Capacity and the dates from which it must be offered for sale as Nonincremental Obligated Exit Capacity is set out in Table 10.

Table 10: Legacy TO Exit Capacity

NTS Exit Point	Applicable date	Legacy TO Exit Capacity (GWh/d)
Aberdeen	01-Apr-17	0.446855
Garton Max Refill (Aldbrough)	01-Apr-17	114.500001
Alrewas (EM)	01-Apr-17	0.042893
Armadale	01-Apr-17	13.001750
Asselby	01-Apr-19	0.390531
Asselby	01-Apr-20	0.275939
Austrey	01-Apr-17	0.025508
Bacton (IUK)	01-Apr-18	

		28.096940
Tonna (Baglan Bay)	01-Apr-19	21.900000
Balgray	01-Apr-17	4.323362
Barrow (Black Start)	01-Apr-17	1.000000
Blaby	01-Apr-17	0.000271
Blackrod	01-Apr-17	0.055212
Teesside Hydrogen	01-Apr-17	0.028400
Braishfield B	01-Apr-17	12.216000
Careston	01-Apr-17	0.801761
Caythorpe	01-Apr-17	75.000000
Centrax Industrial	01-Apr-17	0.085000
Coldstream	01-Apr-18	0.139134
Coldstream	01-Apr-19	0.187389
Coldstream	01-Apr-20	0.206512
Corbridge	01-Apr-18	0.096692
Stanford Le Hope (Coryton)	01-Apr-17	1.990000
Blyborough (Cottam)	01-Apr-17	1.760000
Cowpen Bewley	01-Apr-17	0.000008
Dowlais	01-Apr-17	0.000268
Drointon	01-Apr-17	0.002791
Drum	01-Apr-17	5.485354

Dyffryn Clydach	01-Apr-17	0.001335
Elton	01-Apr-17	20.544835
Elton	01-Apr-18	0.768780
Elton	01-Apr-19	0.628570
Epping Green (Enfield Energy, aka Brimsdown)	01-Apr-17	1.190000
Farningham B	01-Apr-17	117.883000
Fiddington	01-Apr-17	0.002278
Gilwern	01-Apr-15	20.215229
Gilwern	01-Apr-17	9.724771
Hardwick	01-Apr-17	5.019000
Holmes Chapel	01-Apr-17	0.009592
Hornsea Max Refill	01-Apr-17	22.359585
Humbleton	01-Apr-18	0.090000
Hume	01-Apr-17	0.441495
Hume	01-Apr-18	0.022890
Thornton Curtis (Humber Refinery, aka Immingham)	01-Apr-17	20.110000
Ipsden 2	01-Apr-17	1.428000
Kinknockie	01-Apr-17	0.618392
Kinknockie	01-Apr-18	0.100000
Langage Power Station	01-Apr-13	40.004000

Langage Power Station	01-Apr-14	1.612008
Langholm	01-Apr-17	0.100000
Lockerbie	01-Apr-17	1.739745
Little Burdon	01-Apr-19	0.906588
Little Burdon	01-Apr-20	2.262933
Marchwood Power Station	01-Apr-13	39.840000
Matching Green	01-Apr-17	0.031877
Melkinthorpe	01-Apr-17	0.000776
Melkinthorpe	01-Apr-18	0.219789
Melkinthorpe	01-Apr-19	0.220855
Melkinthorpe	01-Apr-20	0.221494
Milwich	01-Apr-17	0.005242
Moffat (Irish Interconnector)	01-Apr-17	95.078030
Moffat (Irish Interconnector)	01-Apr-18	0.732675
Moffat (Irish Interconnector)	01-Apr-19	0.879213
Netherhowcleugh	01-Apr-17	0.100000
Paull	01-Apr-17	2.142984
Paull	01-Apr-18	2.354995
Paull	01-Apr-19	2.143599
Paull	01-Apr-20	2.076983
Pembroke Power	01-Apr-16	

Station		103.200000
Pembroke Power Station	01-Apr-19	11.000000
Peters Green South Mimms	01-Apr-17	0.056511
Pitcairngreen	01-Apr-18	0.325791
Pucklechurch	01-Apr-17	0.004765
Rawcliffe	01-Apr-18	0.403802
Rawcliffe	01-Apr-19	0.540870
Rawcliffe	01-Apr-20	0.551482
Weston Point (Rocksavage)	01-Apr-17	2.650000
Roudham Heath	01-Apr-17	0.012176
Rough Max Refill	01-Apr-17	210.479121
Soutra	01-Apr-17	6.429687
Soutra	01-Apr-18	0.107308
Stallingborough	01-Apr-17	1.512169
Staythorpe	01-Apr-17	5.760000
St. Fergus (Shell Blackstart)	01-Apr-18	2.583336
St Fergus	01-Apr-17	0.178074
Stranraer	01-Apr-17	0.250433
Sutton Bridge	01-Apr-17	0.000546
Thornton Curtis (DN)	01-Apr-17	0.040411
Thornton Curtis (Killingholme)	01-Apr-17	9.780001

Thrintoft	01-Apr-18	0.418881
Thrintoft	01-Apr-19	0.646518
Thrintoft	01-Apr-20	0.696085
Towlaw	01-Apr-19	0.000204
Upper Neeston (Milford Haven Refinery)	01-Apr-17	7.180000
Upper Neeston (Milford Haven Refinery)	01-Apr-19	1.120000
Warburton	01-Apr-17	0.032366
West Burton Power Station	01-Apr-15	66.000000
West Winch	01-Apr-17	0.001932
Winkfield (SO)	01-Apr-17	0.003120