

David O'Neill
Head of Gas Systems
Ofgem
10 South Colonnade
Canary Wharf
London
E14 4PU

Steve Fisher
Commercial Operations Manager

steve.r.fisher@nationalgrid.com
Mobile tel +44(0)7769 281040

www.nationalgrid.com

30 April 2019

Dear David,

Notice of Final NTS Exit (Flat) Capacity Charges effective from 1 October 2019, and Indicative NTS Exit (Flat) Capacity Charges for the 2019 Annual Application Window for Enduring Annual NTS Exit (Flat) Capacity

This notice is issued in line with National Grid Gas ("National Grid") Transporters Licence in respect of the NTS and our obligations contained in the Uniform Network Code in relation to changes to transportation charges and to the annual application for Enduring Annual NTS Exit (Flat) Capacity. Contained in this notice are:

- i. Final NTS Exit (Flat) Capacity Charges applying from 1 October 2019.**
- ii. Updated indicative NTS Exit (Flat) Capacity Charges** for Annual NTS Exit (Flat) Capacity for Gas Years **2020/21** and **2021/22**.
- iii. Initial Indicative NTS Exit (Flat) Capacity Charges for Gas Year 2022/23** published ahead of the 2019 Annual Application for Enduring Annual NTS Exit (Flat) Capacity which will form shippers' user commitment to any NTS Exit Capacity requested in July 2019.
- iv. NTS Exit Capacity charges relating to Interconnection Points (IPs).**

There are currently several UNC Charging modifications running which may affect the Transportation Charging methodology. Modification 0678 'Amendments to Gas Transmission Charging Regime' (including ten alternates) and Modification 0686 - 'Removal of the NTS Optional Commodity Rate with adequate notice'. There is the potential for the payable prices associated with capacity allocated and commodity charges to be impacted by such modifications.

Market participants should keep up to date and engage with how the Tariff Network Code will be reflected in the UNC via the Joint Office (<http://www.gasgovernance.co.uk/livemods>).

Please note that the charges included in this notice are currently calculated solely on the current methodology, in line with the UNC, and will continue to be so until more certainty is available on the potential changes.

The charges have been calculated in accordance with the Gas Transmission Charging Methodology (UNC Section Y). They have been set using National Grid's Transportation Model, based on the expansion constants shown in Table 1; updated information on the target revenue recoverable through Exit charges; the transmission network; and the demands and supplies contained in the Gas Ten Year Statement 2018¹.

Table 1 : Expansion Constant²

Gas Year	Expansion Constant (£/GWhkm)
2019/20	3092
2020/21	3197
2021/22	3303
2022/23	3409

1. Final NTS Exit (Flat) Capacity Charges for 1 October 2019

NTS Exit (Flat) Capacity charges are normally updated once a year in October. This section of this notice gives details of NTS Exit (Flat) Capacity charges effective from 1 October 2019.

The Transportation Model for gas year 2019/20 (1 October 2019 to 30 September 2020) has been updated to reflect changes in supply, demand, the network, target revenue (see Table 2), and baseline Exit Capacity. Whilst each of these parameters affects charges, this note summarises the main changes that have driven the charges for 2019/20 compared to 2018/19.

1.1 Changes from Current Charges

NTS Exit (Flat) Capacity charges effective from 1 October 2019, for each NTS Offtake, are shown in Appendix 1 to this notice (Column A). Compared to current charges, all Exit Capacity charges have increased. Exit Capacity charges are set annually from 1 October, with charges set such that they aim to recover the TO allowed revenue within the formula year therefore essentially being set for 12 months to recover 6 months revenue (Oct-Mar). The change in target revenue has increased the charges by up to 0.0040 p/kWh/day subject to minimum rates. Further information on these changes can be found in our Charge Setting Report ³.

On average the Exit Capacity charges have increased by 0.0031 p/kWh/day.

1.2 TO Exit Commodity Charge

NTS Exit (Flat) Capacity for 2019/20 has not been booked up to the baseline. Therefore, to ensure the correct total revenue recovery from Exit shippers, the TO Exit Commodity charge continues to apply from 1 October 2019. For further details on this charge please see our Indicative Notice of Changes to Commodity Charges which has also been published on 30 April 2019. The Final TO Exit Commodity charge will be confirmed at the end of July when additional information from the July 2019 Application Window is available.

¹ <https://www.nationalgrid.com/uk/publications/gas-ten-year-statement-gtys>

² Expansion constants for calculating exit capacity prices are fixed, once set for each Gas Year

³ Quarterly Charge setting Report Indicative October 2019 charges will be made available shortly at: <https://www.nationalgrid.com/uk/gas/charging-and-methodologies/transmission-system-charges>

2. Indicative Exit Capacity Charges for 2020/21 to 2022/23

National Grid's RIIO-T1 price control took effect from 1 April 2013 and runs to 2020/21. Indicative NTS Exit (Flat) Capacity charges for the period 2020/21 to 2022/23 have been prepared based on the allowances in the Licence introduced under RIIO-T1. However for years 2021/22 and 2022/23 we have assumed a 3% inflation factor applied to the 2020/21 revenue values as the TIIO-T2 price control is not yet available. Since not all the income streams are known with certainty ahead of time, for example, inflation, incentive performance and cost-pass through adjustments, there is a degree of uncertainty in the allowed revenue and therefore also the charges.

2.1 NTS Exit Capacity Target Revenues

Indicative NTS Exit (Flat) Capacity charges for the years 2020/21 to 2022/23 for each NTS Offtake are shown in Appendix 1 (see columns B, C and D respectively). Forecast allowed TO Exit revenues are the main effect driving changes to Indicative NTS Exit (Flat) Capacity charges from 2020/21 onwards. Table 2 shows our forecasts for TO Exit target revenues.

Table 2: TO Exit Target Allowed Revenues

NGG Transmission Owner (TO)	2018/19 £m	2019/20 £m	2020/21 £m	2021/22 £m	2022/23 £m
Revenue to be collected via Exit charges	322.4	332.8	385.3	413.5	426.0
Collection in first half of the year	179.3	143.1	189.6	195.7	217.9
Collection required in second half of the year ⁴	143.1	189.6	195.7	217.9	208.1
Annual figure for charge setting ⁵	286.3	379.3	391.3	435.8	416.1

The change in charges at most Exit points follow movements of modelled revenue forecasts. The variation between years is mainly due to the timing differences between financial and 'gas' (October to September) years which is used to set NTS Exit Capacity charges and this effect has previously been discussed at the NTS Charging Methodology Forum (NTSCMF). There are additional uncertainties around future forecasts of supplies and demand which have resulted in some changes to the charges over the 3 years of Indicative charges.

2.2 NTS Exit Capacity charges relating to Interconnection Points (IPs)

Under the changes introduced under Capacity Allocation Mechanism (CAM) effective from 1 November 2015, Interconnection Points (IPs) have different capacity auction products, structures and timings. However, the Reserve Prices for the auctions are calculated using the same methodology as the Entry and Exit Capacity charges for non-IPs as described above.

The final and indicative IP Exit prices for Capacity from 1 October 2019 are detailed in Appendix 2 of this document. For further details on these charges please see our Notice of NTS Annual Quarterly (Entry and Exit) Interconnection Point (IP) Reserve Prices which has also been published on 30 April 2019⁶.

⁴ As the Exit Capacity charges are set for a year from 1 October, the revenue collected in the second half of the financial year will be equal to the revenue collected in the first half of the next year.

⁵ Revenue to be used in the Transportation Model which is equal to two times the forecast revenue required in the second half of the year.

⁶ Notice of NTS Annual Quarterly (Entry and Exit) Interconnection Point (IP) Reserve Prices can be found at <http://www.gasgovernance.co.uk/ntscharges/2019>

Tools and Supporting Information

Further information on revenue forecasts can be found in National Grid's Quarterly Charging report available on our website at <https://www.nationalgrid.com/uk/gas/charging-and-methodologies/transmission-system-charges>

The Transportation Models used to create the 2019/20 to 2022/23 charges will be sent out to registered users. This allows the customers to familiarise themselves with how potential variations of inputs to the model may affect actual charges. For further information on how to receive the Transportation Model please refer to:
<https://www.nationalgrid.com/uk/gas/charging-and-methodologies/transmission-system-charges>

If you have any questions about this notice, or require any further explanation of the charges or the charging methodology used to determine these, please contact Karin Elmhirst on 01926 655540, Dave Bayliss on 01926 656853 or email our charging team at box.transmissioncapacityandcharging@nationalgrid.com.

Yours sincerely

Steve Fisher
Commercial Operations Manager

Appendix 1: NTS Exit Capacity Charges for July 2019 Application Window

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
	Final	Indicative	Indicative	Indicative	
Bacton	GDN (EA)	0.0001	0.0001	0.0001	0.0001
Brisley	GDN (EA)	0.0023	0.0026	0.0036	0.0028
Cambridge	GDN (EA)	0.0103	0.0108	0.0121	0.0116
Peterborough Eye (Tee)	GDN (EA)	0.0090	0.0096	0.0108	0.0102
Great Wilbraham	GDN (EA)	0.0091	0.0096	0.0108	0.0102
Matching Green	GDN (EA)	0.0142	0.0149	0.0163	0.0159
Roudham Heath	GDN (EA)	0.0044	0.0048	0.0058	0.0051
Royston	GDN (EA)	0.0114	0.0120	0.0133	0.0128
West Winch	GDN (EA)	0.0053	0.0057	0.0068	0.0061
Whitwell	GDN (EA)	0.0138	0.0145	0.0159	0.0155
Yelverton	GDN (EA)	0.0017	0.0020	0.0029	0.0021
Alrewas (EM)	GDN (EM)	0.0198	0.0207	0.0223	0.0221
Blaby	GDN (EM)	0.0154	0.0161	0.0175	0.0172
Blyborough	GDN (EM)	0.0052	0.0056	0.0067	0.0060
Caldecott	GDN (EM)	0.0124	0.0131	0.0144	0.0140
Drointon	GDN (EM)	0.0212	0.0222	0.0238	0.0236
Gosberton	GDN (EM)	0.0066	0.0070	0.0081	0.0075
Kirkstead	GDN (EM)	0.0040	0.0044	0.0054	0.0047
Market Harborough	GDN (EM)	0.0139	0.0146	0.0159	0.0155
Silk Willoughby	GDN (EM)	0.0055	0.0060	0.0070	0.0064
Sutton Bridge	GDN (EM)	0.0075	0.0080	0.0092	0.0086
Thornton Curtis (DN)	GDN (EM)	0.0001	0.0001	0.0001	0.0001
Tur Langton	GDN (EM)	0.0140	0.0148	0.0161	0.0157
Walesby	GDN (EM)	0.0009	0.0012	0.0021	0.0013
Asselby	GDN (NE)	0.0030	0.0033	0.0043	0.0035
Baldersby	GDN (NE)	0.0047	0.0052	0.0063	0.0056
Burley Bank	GDN (NE)	0.0073	0.0078	0.0090	0.0084
Ganstead	GDN (NE)	0.0001	0.0001	0.0001	0.0001

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Pannal	GDN (NE)	0.0078	0.0084	0.0096	0.0090
Paull	GDN (NE)	0.0001	0.0001	0.0001	0.0001
Pickering	GDN (NE)	0.0043	0.0047	0.0028	0.0020
Rawcliffe	GDN (NE)	0.0032	0.0035	0.0045	0.0038
Towton	GDN (NE)	0.0057	0.0061	0.0072	0.0066
Bishop Auckland	GDN (NO)	0.0023	0.0027	0.0036	0.0028
Coldstream	GDN (NO)	0.0001	0.0001	0.0008	0.0001
Corbridge	GDN (NO)	0.0030	0.0034	0.0070	0.0036
Cowpen Bewley	GDN (NO)	0.0001	0.0001	0.0010	0.0001
Elton	GDN (NO)	0.0012	0.0016	0.0025	0.0017
Guyzance	GDN (NO)	0.0001	0.0001	0.0036	0.0001
Humbleton	GDN (NO)	0.0001	0.0001	0.0001	0.0001
Keld	GDN (NO)	0.0114	0.0121	0.0161	0.0129
Little Burdon	GDN (NO)	0.0018	0.0021	0.0031	0.0023
Melkintorpe	GDN (NO)	0.0105	0.0111	0.0151	0.0119
Saltwick Pressure Controlled	GDN (NO)	0.0014	0.0017	0.0053	0.0019
Saltwick Volumetric Controlled	GDN (NO)	0.0014	0.0017	0.0053	0.0019
Thrintoft	GDN (NO)	0.0039	0.0043	0.0053	0.0046
Towlaw	GDN (NO)	0.0048	0.0052	0.0063	0.0056
Wetheral	GDN (NO)	0.0073	0.0079	0.0117	0.0084
Horndon	GDN (NT)	0.0120	0.0114	0.0126	0.0121
Luxborough Lane	GDN (NT)	0.0151	0.0146	0.0159	0.0155
Peters Green	GDN (NT)	0.0143	0.0151	0.0164	0.0161
Peters Green South Mimms	GDN (NT)	0.0143	0.0151	0.0164	0.0161
Winkfield (NT)	GDN (NT)	0.0253	0.0263	0.0281	0.0281
Audley (NW)	GDN (NW)	0.0257	0.0268	0.0285	0.0286
Blackrod	GDN (NW)	0.0220	0.0230	0.0247	0.0246
Ecclestone	GDN (NW)	0.0298	0.0310	0.0329	0.0331
Holmes Chapel	GDN (NW)	0.0272	0.0284	0.0302	0.0303

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Lupton	GDN (NW)	0.0147	0.0155	0.0195	0.0165
Malpas	GDN (NW)	0.0281	0.0292	0.0311	0.0312
Mickle Trafford	GDN (NW)	0.0296	0.0308	0.0327	0.0329
Partington	GDN (NW)	0.0255	0.0267	0.0311	0.0285
Samlesbury	GDN (NW)	0.0202	0.0212	0.0228	0.0226
Warburton	GDN (NW)	0.0252	0.0264	0.0308	0.0282
Weston Point	GDN (NW)	0.0308	0.0321	0.0340	0.0342
Aberdeen	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Armadale	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Balgray	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Bathgate	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Broxburn	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Burnervie	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Careston	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Drum	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Glenmavis	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Hume	GDN (SC)	0.0001	0.0001	0.0021	0.0001
Kinknockie	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Langholm	GDN (SC)	0.0043	0.0047	0.0084	0.0051
Lauderhill	GDN (SC)	0.0001	0.0001	0.0036	0.0001
Lockerbie	GDN (SC)	0.0031	0.0035	0.0071	0.0037
Netherhowcleugh	GDN (SC)	0.0008	0.0011	0.0047	0.0012
Pitcairngreen	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Soutra	GDN (SC)	0.0005	0.0008	0.0043	0.0008
St Fergus	GDN (SC)	0.0001	0.0001	0.0001	0.0001
Stranraer	GDN (SC)	0.0017	0.0020	0.0057	0.0022
Farningham	GDN (SE)	0.0121	0.0115	0.0128	0.0123
Farningham B	GDN (SE)	0.0121	0.0115	0.0128	0.0123
Shorne	GDN (SE)	0.0109	0.0102	0.0114	0.0109

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Tatsfield	GDN (SE)	0.0143	0.0138	0.0151	0.0147
Winkfield (SE)	GDN (SE)	0.0253	0.0263	0.0281	0.0281
Braishfield A	GDN (SO)	0.0297	0.0310	0.0329	0.0330
Braishfield B	GDN (SO)	0.0297	0.0310	0.0329	0.0330
Crawley Down	GDN (SO)	0.0281	0.0293	0.0311	0.0313
Hardwick	GDN (SO)	0.0187	0.0195	0.0211	0.0208
Ipsden	GDN (SO)	0.0227	0.0237	0.0254	0.0253
Ipsden 2	GDN (SO)	0.0227	0.0237	0.0254	0.0253
Mappowder	GDN (SO)	0.0251	0.0254	0.0271	0.0271
Winkfield (SO)	GDN (SO)	0.0253	0.0263	0.0281	0.0281
Aylesbeare	GDN (SW)	0.0278	0.0282	0.0300	0.0301
Lyneham (Choakford)	GDN (SW)	0.0346	0.0353	0.0373	0.0376
Cirencester	GDN (SW)	0.0144	0.0144	0.0157	0.0154
Coffinswell	GDN (SW)	0.0312	0.0317	0.0336	0.0338
Easton Grey	GDN (SW)	0.0151	0.0151	0.0164	0.0161
Evesham	GDN (SW)	0.0107	0.0105	0.0117	0.0112
Fiddington	GDN (SW)	0.0091	0.0089	0.0101	0.0095
Ilchester	GDN (SW)	0.0224	0.0226	0.0243	0.0242
Kenn	GDN (SW)	0.0292	0.0296	0.0315	0.0316
Littleton Drew	GDN (SW)	0.0161	0.0161	0.0175	0.0172
Pucklechurch	GDN (SW)	0.0172	0.0172	0.0187	0.0184
Ross (SW)	GDN (SW)	0.0055	0.0052	0.0062	0.0055
Seabank (DN)	GDN (SW)	0.0196	0.0197	0.0212	0.0210
Alrewas (WM)	GDN (WM)	0.0198	0.0207	0.0223	0.0221
Aspley	GDN (WM)	0.0236	0.0246	0.0263	0.0263
Audley (WM)	GDN (WM)	0.0257	0.0268	0.0285	0.0286
Austrey	GDN (WM)	0.0190	0.0191	0.0206	0.0204
Leamington	GDN (WM)	0.0140	0.0139	0.0152	0.0148
Lower Quinton	GDN (WM)	0.0120	0.0119	0.0132	0.0127

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Milwich	GDN (WM)	0.0220	0.0230	0.0246	0.0245
Ross (WM)	GDN (WM)	0.0055	0.0052	0.0062	0.0055
Rugby	GDN (WM)	0.0153	0.0153	0.0167	0.0163
Shustoke	GDN (WM)	0.0205	0.0207	0.0222	0.0220
Stratford-upon-Avon	GDN (WM)	0.0122	0.0121	0.0134	0.0129
Maelor	GDN (WN)	0.0291	0.0303	0.0322	0.0323
Dowlais	GDN (WS)	0.0003	0.0001	0.0007	0.0001
Dyffryn Clydach	GDN (WS)	0.0001	0.0001	0.0001	0.0001
Gilwern	GDN (WS)	0.0018	0.0013	0.0022	0.0014
Air Products (Teesside)	DC	0.0001	0.0001	0.0004	0.0001
Ferny Knoll (AM Paper)	DC	0.0222	0.0232	0.0275	0.0248
Apache (Sage Black Start)	DC	0.0001	0.0001	0.0001	0.0001
Tonna (Baglan Bay)	DC	0.0001	0.0001	0.0001	0.0001
Barking (Horndon)	DC	0.0120	0.0114	0.0126	0.0121
Barrow (Black Start)	DC	0.0102	0.0108	0.0148	0.0116
Billingham ICI (Terra Billingham)	DC	0.0001	0.0004	0.0013	0.0004
Bishop Auckland (test facility)	DC	0.0023	0.0027	0.0036	0.0028
Blackness (BP Grangemouth)	DC	0.0001	0.0001	0.0001	0.0001
Kinneil CHP	DC	0.0001	0.0001	0.0001	0.0001
BP Saltend HP	DC	0.0001	0.0001	0.0001	0.0001
Shotwick (Bridgewater Paper)	DC	0.0307	0.0319	0.0339	0.0341
Blyborough (Brigg)	DC	0.0064	0.0044	0.0054	0.0047
Epping Green (Enfield Energy, aka Brimsdown)	DC	0.0154	0.0162	0.0176	0.0173
Brine Field (Teesside) Power Station	DC	0.0001	0.0001	0.0004	0.0001
Pickmere (Winnington Power, aka Brunner Mond)	DC	0.0262	0.0274	0.0297	0.0293
Carrington (Partington) Power Station	DC	0.0255	0.0267	0.0311	0.0285
Centrax Industrial	DC	0.0309	0.0314	0.0334	0.0335
Cockenzie Power Station	DC	0.0001	0.0001	0.0001	0.0001
Burton Point (Connahs Quay)	DC	0.0311	0.0324	0.0343	0.0346

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Caldecott (Corby Power Station)	DC	0.0129	0.0135	0.0139	0.0135
Stanford Le Hope (Coryton)	DC	0.0116	0.0110	0.0123	0.0118
Coryton 2 (Thames Haven) Power Station	DC	0.0116	0.0110	0.0123	0.0118
Blyborough (Cottam)	DC	0.0052	0.0056	0.0067	0.0060
Middle Stoke (Damhead Creek, aka Kingsnorth Power Station)	DC	0.0092	0.0084	0.0096	0.0090
Deeside	DC	0.0311	0.0324	0.0343	0.0345
Didcot PS	DC	0.0231	0.0241	0.0258	0.0257
Drakelow Power Station	DC	0.0192	0.0201	0.0216	0.0214
Eggborough PS	DC	0.0044	0.0048	0.0058	0.0051
Enron Billingham	DC	0.0001	0.0004	0.0012	0.0004
Fordoun CNG Station	DC	0.0001	0.0001	0.0001	0.0001
Glasgowforest	DC	0.0001	0.0001	0.0001	0.0001
Goole (Guardian Glass)	DC	0.0036	0.0040	0.0050	0.0043
Grain Power Station	DC	0.0092	0.0084	0.0096	0.0090
Bacton (Great Yarmouth)	DC	0.0001	0.0001	0.0001	0.0001
Hatfield Power Station	DC	0.0032	0.0036	0.0046	0.0038
Hollingsgreen (Hays Chemicals)	DC	0.0271	0.0278	0.0296	0.0297
Weston Point (Castner Kelner, aka ICI Runcorn)	DC	0.0308	0.0321	0.0340	0.0342
Thornton Curtis (Humber Refinery, aka Immingham)	DC	0.0001	0.0001	0.0001	0.0001
Eastoft (Keadby Blackstart)	DC	0.0051	0.0055	0.0065	0.0034
Eastoft (Keadby)	DC	0.0051	0.0055	0.0065	0.0034
Keadby 2	DC	0.0051	0.0055	0.0065	0.0034
Shellstar (aka Kemira, not Kemira CHP)	DC	0.0303	0.0316	0.0335	0.0337
Saddle Bow (Kings Lynn)	DC	0.0056	0.0060	0.0071	0.0064
Langage Power Station	DC	0.0346	0.0353	0.0373	0.0376
St. Neots (Little Barford)	DC	0.0139	0.0146	0.0160	0.0156
Gowkhall (Longannet)	DC	0.0001	0.0001	0.0001	0.0001
Marchwood Power Station	DC	0.0301	0.0313	0.0332	0.0334
Medway (aka Isle of Grain Power Station, NOT Grain Power)	DC	0.0093	0.0086	0.0097	0.0091

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
Upper Neeston (Milford Haven Refinery)	DC	0.0001	0.0001	0.0001	0.0001
Palm Paper	DC	0.0057	0.0061	0.0072	0.0065
Blackbridge (Pembroke PS)	DC	0.0001	0.0001	0.0001	0.0001
Peterborough (Peterborough Power Station)	DC	0.0095	0.0100	0.0099	0.0093
St. Fergus (Peterhead)	DC	0.0001	0.0001	0.0001	0.0001
Phillips Petroleum, Teeside	DC	0.0001	0.0001	0.0004	0.0001
Weston Point (Rocksavage)	DC	0.0308	0.0321	0.0340	0.0342
Roosecote (Roosecote Power Station)	DC	0.0102	0.0108	0.0148	0.0116
Ryehouse	DC	0.0160	0.0167	0.0182	0.0166
Rosehill (Saltend Power Station)	DC	0.0001	0.0001	0.0001	0.0001
Sandy Lane (Blackburn CHP, aka Sappi Paper Mill)	DC	0.0207	0.0217	0.0233	0.0231
Seabank (Seabank Power Station phase II)	DC	0.0194	0.0195	0.0211	0.0208
Abson (Seabank Power Station phase I)	DC	0.0172	0.0172	0.0187	0.0184
Seal Sands TGPP	DC	0.0001	0.0001	0.0004	0.0001
Sellafield Power Station	DC	0.0153	0.0161	0.0202	0.0086
Terra Nitrogen (aka ICI, Terra Severnside)	DC	0.0193	0.0194	0.0209	0.0207
Harwarden (Shotton, aka Shotton Paper)	DC	0.0310	0.0323	0.0342	0.0344
Wragg Marsh (Spalding)	DC	0.0070	0.0075	0.0086	0.0080
Spalding 2 (South Holland Power Station)	DC	0.0070	0.0075	0.0086	0.0080
St. Fergus (Shell Blackstart)	DC	0.0001	0.0001	0.0001	0.0001
St. Fergus Segal	DC	0.0001	0.0001	0.0001	0.0001
Stallingborough (phase 1 and 2)	DC	0.0001	0.0002	0.0011	0.0002
Staythorpe PH1 and PH2	DC	0.0089	0.0094	0.0106	0.0101
Sutton Bridge Power Station	DC	0.0074	0.0078	0.0090	0.0084
Teesside (BASF, aka BASF Teesside)	DC	0.0001	0.0001	0.0004	0.0001
Teesside Hydrogen	DC	0.0001	0.0001	0.0004	0.0001
Thornton Curtis (Killingholme)	DC	0.0001	0.0001	0.0001	0.0001
Tilbury Power Station	DC	0.0112	0.0105	0.0118	0.0112
Trafford Power Station	DC	0.0255	0.0267	0.0311	0.0285

Offtake Point	Type of Offtake	Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A)	2020/21 (B)	2021/22 (C)	2022/23 (D)
		Final	Indicative	Indicative	Indicative
West Burton PS	DC	0.0053	0.0057	0.0068	0.0061
Willington Power Station	DC	0.0210	0.0220	0.0236	0.0235
Wyre Power Station	DC	0.0193	0.0202	0.0244	0.0216
Zeneca (ICI Avecia, aka 'Zenica')	DC	0.0001	0.0004	0.0013	0.0004
Avonmouth Max Refill	STORAGE SITE	0.0194	0.0195	0.0210	0.0208
Bacton (Baird)	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Deborah Storage (Bacton)	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Barrow (Bains)	STORAGE SITE	0.0102	0.0108	0.0148	0.0116
Barrow (Gateway)	STORAGE SITE	0.0102	0.0108	0.0148	0.0116
Barton Stacey Max Refill (Humbly Grove)	STORAGE SITE	0.0278	0.0290	0.0308	0.0309
Caythorpe	STORAGE SITE	0.0009	0.0012	0.0001	0.0001
Cheshire (Holford)	STORAGE SITE	0.0263	0.0271	0.0288	0.0289
Dynevor Max Refill	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Rough Max Refill	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Garton Max Refill (Aldbrough)	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Glenmavis Max Refill	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Hatfield Moor Max Refill	STORAGE SITE	0.0042	0.0046	0.0056	0.0044
Hill Top Farm (Hole House Farm)	STORAGE SITE	0.0270	0.0281	0.0299	0.0300
Hole House Max Refill	STORAGE SITE	0.0270	0.0281	0.0299	0.0300
Hornsea Max Refill	STORAGE SITE	0.0001	0.0001	0.0001	0.0001
Partington Max Refill	STORAGE SITE	0.0255	0.0267	0.0311	0.0285
Saltfleetby Storage (Theddlethorpe)	STORAGE SITE	0.0001	0.0001	0.0005	0.0001
Stublach (Cheshire)	STORAGE SITE	0.0263	0.0271	0.0289	0.0289

Appendix 2 NTS Exit Capacity charges relating to Interconnection Points (IPs)

In accordance with CAM, effective 1 November 2015, the following prices are applicable for the Exit Annual Yearly IP Capacity Auctions, Exit Annual Quarterly IP Capacity Auctions, Exit Rolling Monthly IP Capacity Auctions, Exit Rolling Day Ahead IP Capacity Auctions and Within Day IP Capacity Auctions.

Offtake Point	Type of Offtake	IP Exit Capacity Charge (p/kWh/day) in relevant Gas Year			
		2019/20 (A) Final	2020/21 (B) Indicative	2021/22 (C) Indicative	2022/23 (D) Indicative
Bacton IUK	INTERCONNECTOR	0.0001	0.0001	0.0001	0.0001
Bacton BBL	INTERCONNECTOR	0.0001	0.0001	0.0001	0.0001
Moffat (Irish Interconnector)	INTERCONNECTOR - FIRM, EXIT ONLY	0.0017	0.0020	0.0057	0.0022

For the Ascending Clock Auctions, the NTS Large Price Step shall be the greater of 5% of the reserve price or 0.0001p/kWh/day. A Small Price Step will be one fifth of the Large Price Step.