# **Interconnector (UK) Limited**



# **Charging Statement**

# related to the

# **IUK Access Agreement**

# and

# **IUK Access Code**

# Issue 20

# Applicable from 01 October 2019

1.	Intro	oduction2
2.		erve Prices for Capacity offered via PRISMA for use during the Gas Year 2019-20 and future
Gas	Years	5
2	.1	Annual Firm Capacity offered in July 2019
2	.2	Quarterly Firm Capacity for Gas Year 2019-20
2	.3	Monthly Firm Capacity for Gas Year 2019-20
2	.4	Daily Firm Capacity for Gas Year 2019-204
2	.5	Within Day Firm Capacity for Gas Year 2019-204
3. Gas		es for Capacity offered via Implicit Allocation for use during the Gas Year 2019-20 and future
3	.1	Annual Firm Capacity5
3	.2	Seasonal Firm Capacity5
3	.3	Quarterly Firm Capacity
3	.4	Monthly Firm Capacity
3	.5	Balance of Month Firm Capacity7
4.	Stan	dard Interruptible Capacity Products7
5.	Com	modity Charges
5	.1	Commodity Charges for the Gas Year 2019-207
5	.2	Exceptional Commodity Charge during Q1 and Q4 of any calendar year8
6.	Initia	al Registration Fee
7.	Mor	thly Administration Fee
8.	Max	imum Buy-back Price
9.	Forc	ed Buy-back Price
10.	Net	OS Revenue Account
11.	Bala	ncing Charges9
Арр	endix	1 – Indexation
1	In	dexation Factor
2	A	oplication10
	2.1	Contracted Capacity Price10
	2.2	Monthly Administration Fee ("MAF")11
	2.3	Maximum Buy-back Price premium ("MBPP")11
Арр	endix	2 – Prices of Balance of Month Firm Capacity12

# 1. Introduction

This statement sets out the charges that Interconnector (UK) Limited ("IUK") will apply from the publication date for transportation services provided under an IUK Access Agreement (the "IAA") and the IUK Access Code ("IAC"). The statement will be revised and reissued when appropriate. These charges are consistent with the principles outlined in IUK's Charging Methodology.

Entry and Exit Capacity is made available for sale by means of auctions on the PRISMA platform in accordance with Commission Regulation (EU) 2017/459 ("CAM Code"). In addition, capacity may be made available via an Implicit Allocation Mechanism using an Implicit Allocation Partner according to the rules set out in Annex B-3 of the IAC.

For all capacity offered the factors determining the prices are:

- Competitive forces and the prices of competing and complementary services;
- Operating costs for operating and maintaining the company and its assets;
- Capital expenditures required to maintain the service;
- Projected customer demand for IUK capacity and the forecast volume of both long term and short term sales under a range of market scenarios; and
- A risk premium applied to the yearly standard capacity product reflecting the benefits of certainty regarding the level of the price. The level of the premium has been set to zero.

IUK's reserve prices for allocation through an auction or prices for allocation through implicit allocation are fixed at the time of allocation. For products to be used in a future year, this fixed price will be subject to annual indexation<sup>1</sup>. Any auction premium will be used by IUK to contribute to maintaining and operating the pipeline.

IUK offers capacity in kWh/h and all capacity related charges are calculated as p/(kWh/h)/h. For capacity products offered on PRISMA, the runtime price is calculated using the number of hours in the relevant runtime. Capacity offered via an Implicit Allocation Mechanism ("IAM") will be in p/(kWh/h)/h. Capacity charges will be calculated using the relevant p/(kWh/h)/h and the hours in the billing period. Invoiced amounts will be either in Pounds sterling to the nearest penny or Euros to the nearest euro cent.

The absolute level of the price multipliers caps to be applied relative to the prices for firm Annual Capacity are:

Monthly	3
Daily	6
Within Day	6

Further information on the charges that apply for transportation services under an IAA is set out in Section F of the IAC and IUK's Charging Methodology. The definitions of terms used in this document can be found in the IAA.

<sup>&</sup>lt;sup>1</sup> See IAC Section F paragraph 5.3. Indexation is based on RPI - "CHAW" Index numbers of consumer prices – "RPI All Items".

Information about IUK and copies of the IAA, IAC and IUK's Charging Methodology can be found on the IUK website at <u>www.interconnector.com</u>.

# 2. Reserve Prices for Capacity offered via PRISMA for use during the Gas Year 2019-20 and future Gas Years

### 2.1 Annual Firm Capacity offered in July 2019

The prices that applied are as follows:

		2019-20	2020-21 to 2023-24	2024-25 to 2033-34
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.018767	0.017061	0.015355
UK to BE	Zeebrugge Exit	0.018767	0.017061	0.015355
	Zeebrugge Entry	0.018767	0.017061	0.015355
BE to UK	Bacton Exit	0.018767	0.017061	0.015355

These prices are subject to indexation in accordance with Section F paragraph 5.3 of the IUK Access Code. See Appendix 1 for an example of how indexation is applied.

#### 2.2 Quarterly Firm Capacity for Gas Year 2019-20

The prices to apply are as follows:

		Oct 19 – Dec 19 Q4 2019	Jan 20 – Mar 20 Q1 2020	Apr 20 – Jun 20 Q2 2020	Jul 20 – Sep 20 Q3 2020
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.018767	0.018767	0.025591	0.025591
UK to BE	Zeebrugge Exit	0.018767	0.018767	0.025591	0.025591
	Zeebrugge Entry	0.018767	0.025591	0.018767	0.018767
BE to UK	Bacton Exit	0.018767	0.025591	0.018767	0.018767

The large price step in an auction is set at 5% of the applicable IUK reserve price published on the PRISMA platform.

### 2.3 Monthly Firm Capacity for Gas Year 2019-20

The prices to apply are as follows:

		Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.042652	0.018767	0.018767	0.018767	0.018767	0.018767
UK to BE	Zeebrugge Exit	0.042652	0.018767	0.018767	0.018767	0.018767	0.018767
	Zeebrugge Entry	0.018767	0.018767	0.025591	0.042652	0.042652	0.025591
BE to UK	Bacton Exit	0.018767	0.018767	0.025591	0.042652	0.042652	0.025591

		Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.042652	0.042652	0.042652	0.042652	0.042652	0.042652
UK to BE	Zeebrugge Exit	0.042652	0.042652	0.042652	0.042652	0.042652	0.042652
	Zeebrugge Entry	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767
BE to UK	Bacton Exit	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767

IUK will notify any changes to the monthly firm capacity prices at least two weeks in advance of the relevant monthly auction.

#### 2.4 Daily Firm Capacity for Gas Year 2019-20

The prices to apply are as follows:

		Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.068243	0.037534	0.037534	0.037534	0.037534	0.037534
UK to BE	Zeebrugge Exit	0.068243	0.037534	0.037534	0.037534	0.037534	0.037534
	Zeebrugge Entry	0.037534	0.037534	0.068243	0.068243	0.068243	0.068243
BE to UK	Bacton Exit	0.037534	0.037534	0.068243	0.068243	0.068243	0.068243

		Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.068243	0.068243	0.068243	0.068243	0.068243	0.068243
UK to BE	Zeebrugge Exit	0.068243	0.068243	0.068243	0.068243	0.068243	0.068243
	Zeebrugge Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
BE to UK	Bacton Exit	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534

IUK will notify any changes to the daily firm capacity prices at least six hours in advance of the relevant daily auction.

### 2.5 Within Day Firm Capacity for Gas Year 2019-20

The prices to apply are as follows:

		Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.068243	0.037534	0.037534	0.037534	0.037534	0.037534
UK to BE	Zeebrugge Exit	0.068243	0.037534	0.037534	0.037534	0.037534	0.037534
	Zeebrugge Entry	0.037534	0.037534	0.068243	0.068243	0.068243	0.068243
BE to UK	Bacton Exit	0.037534	0.037534	0.068243	0.068243	0.068243	0.068243

		Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.068243	0.068243	0.068243	0.068243	0.068243	0.068243
UK to BE	Zeebrugge Exit	0.068243	0.068243	0.068243	0.068243	0.068243	0.068243
	Zeebrugge Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
BE to UK	Bacton Exit	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534

IUK will notify any changes to the within day firm capacity prices at least one hour in advance of the relevant within day auction.

# 3. Prices for Capacity offered via Implicit Allocation for use during the Gas Year 2019-20 and future Gas Years

### 3.1 Annual Firm Capacity

Annual Firm Capacity may be offered for any of the following five Gas Years. The fixed prices to apply are as follows:

		2019-20	2020-21 to 2024-25
_		p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.018767	0.017061
UK to BE	Zeebrugge Exit	0.018767	0.017061
	Zeebrugge Entry	0.018767	0.017061
BE to UK	Bacton Exit	0.018767	0.017061

These prices are subject to indexation in accordance with Section F paragraph 5.3 of the IUK Access Code. See Appendix 1 for an example of how indexation is applied.

#### 3.2 Seasonal Firm Capacity

Capacity may be offered for any two consecutive Quarters in the next three years. The fixed prices to apply are as follows:

		Oct 19 - Mar 20 Winter	Jan 20 - June 20 H1 2020	Apr 20 – Sep 20 Summer	Jul 20– Dec 20 H2 2020
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.018767	0.021326	0.023885	0.021326
UK to BE	Zeebrugge Exit	0.018767	0.021326	0.023885	0.021326
	Zeebrugge Entry	0.023885	0.021326	0.018767	0.021326
BE to UK	Bacton Exit	0.023885	0.021326	0.018767	0.021326

		Oct 20 - Mar 21 Winter	Jan 21 - June 21 H1 2021	Apr 21 – Sep 21 Summer	Jul 21 – Dec 21 H2 2021
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.018767	0.021326	0.023885	0.021326
UK to BE	Zeebrugge Exit	0.018767	0.021326	0.023885	0.021326
	Zeebrugge Entry	0.023885	0.021326	0.018767	0.021326
BE to UK	Bacton Exit	0.023885	0.021326	0.018767	0.021326

		Oct 21 – Mar 22 Winter	Jan 22 - Jun 22 H1 2022	Apr 22 – Sep 22 Summer
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.021326	0.023885
UN LU DE	Zeebrugge Exit	0.018767	0.021326	0.023885
	Zeebrugge Entry	0.023885	0.021326	0.018767
BE to UK	Bacton Exit	0.023885	0.021326	0.018767

These prices are subject to indexation in accordance with Section F paragraph 5.3 of the IUK Access Code. See Appendix 1 for an example of how indexation is applied.

#### 3.3 Quarterly Firm Capacity

Capacity may be offered for any of the following four Quarters. The prices to apply are as follows:

		Jan 20 – Mar 20 Q1 2020 p/(kWh/h)/h	Apr 20 – Jun 20 Q2 2020 p/(kWh/h)/h	Jul 20 – Sep 20 Q3 2020 p/(kWh/h)/h	Oct 20 – Dec 20 Q4 2020 p/(kWh/h)/h
	Bacton Entry	0.018767	0.025591	0.025591	0.018767
UK to BE	Zeebrugge Exit	0.018767	0.025591	0.025591	0.018767
	Zeebrugge Entry	0.025591	0.018767	0.018767	0.018767
BE to UK	Bacton Exit	0.025591	0.018767	0.018767	0.018767

IUK has the right to change the quarterly firm capacity prices at least a week in advance of the relevant Implicit Allocation offering.

#### 3.4 Monthly Firm Capacity

Capacity may be offered for any of the following three months. The prices to apply are as follows:

		Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.042652	0.018767	0.018767	0.018767	0.018767	0.018767
UK to BE	Zeebrugge Exit	0.042652	0.018767	0.018767	0.018767	0.018767	0.018767
	Zeebrugge Entry	0.018767	0.018767	0.025591	0.042652	0.042652	0.025591
BE to UK	Bacton Exit	0.018767	0.018767	0.025591	0.042652	0.042652	0.025591

		Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
	Bacton Entry	0.042652	0.042652	0.042652	0.042652	0.042652	0.042652
UK to BE	Zeebrugge Exit	0.042652	0.042652	0.042652	0.042652	0.042652	0.042652
	Zeebrugge Entry	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767
BE to UK	Bacton Exit	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767

IUK has the right to change the monthly firm capacity prices at least a day in advance of the relevant Implicit Allocation offering.

#### 3.5 Balance of Month Firm Capacity

Capacity may be offered two days in advance of the capacity start date for all remaining Gas Days within the current Month. The pricing will based on a sliding scale between the relevant Monthly price and the relevant Daily price based on the number of days remaining in the month.

See Appendix 2 for the prices to be applied for the next three months.

Whilst IUK has the right to change the Balance of Month firm capacity prices at least a day in advance of the relevant Implicit Allocation offering, prices are fixed at the time of allocation.

## 4. Standard Interruptible Capacity Products

IUK will offer daily interruptible capacity if the corresponding daily standard firm capacity product was sold at an auction premium, was sold out, or was not offered. The daily interruptible capacity reserve prices will be at a 10% discount to the prevailing daily standard firm product reserve prices.

IUK may offer annual, quarterly, monthly and within day interruptible capacity if the corresponding standard firm capacity product was sold at an auction premium, was sold out, or was not offered. If offered, the interruptible capacity reserve prices will be at a 10% discount to the corresponding standard firm product of the same period.

The interruptible capacity discount has been set to 10% to the corresponding standard firm capacity product to signal that this capacity may be interrupted<sup>2</sup>.

### 5. Commodity Charges

#### 5.1 Commodity Charges for the Gas Year 2019-20

In accordance with Section F paragraph 9.3 of the IAC, IUK will invoice each Shipper with a Monthly Commodity Charge which covers the cost of flowing gas taking into account shrinkage.

The commodity unit costs are calculated using the following formulae:

Commodity Unit Cost (Bacton) in p/kWh = 0.0001515 \* ICE (M+1) NBP (p/th)

Year	Hours Lost	Hours in Year
2008/09	0	8,760
2009/10	0	8,760
2010/11	0	8,760
2011/12	0	8,784
2012/13	9	8,760
2013/14	0	8,760
2014/15	0	8,760
2015/16	20	8,784
2016/17	15	8,760
2017/18	11	8,759
Total (10 years)	55	87,647

 $^{2}$  In last 10 years there have been very few interruptions to firm capacity rights as shown in the table below:

Whilst this suggests a very low discount relative to standard firm products, in a situation when the corresponding standard firm capacity has all been sold out, given IUK is a single asset without access to a wider system, IUK's capacity is limited by its interconnection point technical capacity. There will therefore be a higher risk of interruption than suggested by looking at just historical hours lost. IUK has hence rounded the discount to 10%.

Commodity Unit Cost (Zeebrugge) in p/kWh = 0.0136486 + [ 0.0002525 \* ICE (M+1) NBP (p/th) ]

Where:

(i) ICE (M+1) NBP means the monthly Natural Gas Index price listed for the ICE UK Natural Gas Futures Contract at the National Balancing Point.

The commodity unit costs for the following month will be calculated and fixed on the first trading day of the month preceding the month for which the commodity charge applies, and published on IUK's website at <a href="https://www.interconnector.com/access-services/iaa-contract/costs/">https://www.interconnector.com/access-services/iaa-contract/costs/</a>.

## 5.2 Exceptional Commodity Charge during Q1 and Q4 of any calendar year

For holders of Interruptible Capacity during Q1 and Q4 of any calendar year, the Commodity Charges will be supplemented by an exceptional charge in the event that IUK's electricity supplier for its Zeebrugge terminal calls for a demand response.

Specifically, upon receipt of such demand response notification for the next calendar day, IUK will notify the market via its website and via an Urgent Market Message (UMM), indicating the hours during which the demand response applies.

Such demand response hours are:

- (a) 3 consecutive hours;
- (b) with a possibility for a second activation of 3 consecutive hours on days for which:
  - (i) a brown-out has been announced for the Belgian market, or
  - (ii) the BELPEX day-ahead market has cleared above 2,000EUR/MWh for at least two non-consecutive hours).

For electricity consumed during the demand response hours IUK will incur costs at the negative imbalance tariff as published by the Belgian electricity transmission grid operator, Elia (<u>http://www.elia.be/en/grid-data/balancing/imbalance-prices</u>). IUK will allocate these costs as an exceptional charge to the holders of Interruptible Capacity pro-rated to the sum of their Entry Allocations at the Zeebrugge Entry Point on the affected Gas Day.

# 6. Initial Registration Fee

The Initial Registration Fee charged by IUK for any new Shippers signing an IAA during the Gas Year 2019-20 is set to zero.

# 7. Monthly Administration Fee

The Monthly Administration Fee payable by each Shipper under an IAA during the Gas Year 2019-20 is £563. The fee for future Gas Years will be calculated as set out in Appendix 1.

# 8. Maximum Buy-back Price

When IUK implements the Buy-back procedure as set out in the IAC Section C paragraph 3.1, it will accept offers from shippers subject to paying no more than the Maximum Buy-back Price. This is the

aggregate price that IUK will pay for offered Entry Capacity and Exit Capacity and will be calculated as the weighted average price paid for that day's Entry Capacity and Exit Capacity plus a premium of 0.038446 p/(kWh/h)/h for Gas Year 2019-20. The premium for future Gas Years will be calculated as set out in Appendix 1.

# 9. Forced Buy-back Price

When IUK implements the Forced Buy-back procedure set out in the IAC Section C paragraph 3.2, it will pay a Shipper for the reduction in Entry Capacity and Exit Capacity at the Forced Buy-back Price. This price shall be the price paid by the Shipper for such capacity plus a premium equal to 5% of the weighted average price paid for all Entry Capacity and Exit Capacity for that day.

## 10. Net OS Revenue Account

IUK will keep track of the revenue from IAA Capacity sales that originated from oversubscription on a cumulative basis over the Gas Year, minus any payments made for Buy-back during that time. The net amount will be allowed to go negative up to a limit, the **"Maximum Deficit"**, of £100,000. At this level, if further Buy-back is required, IUK will implement the Forced Buy-back procedure.

At the end of the Gas Year, if the balance in the Net OS Revenue Account is positive, then 75% of this amount (the "**Net Revenue Share**") will be distributed to all shippers based on their allocated flow over the year. If the balance in the Net OS Revenue Account is negative, the amount to be distributed shall be zero.

# 11. Balancing Charges

A Shipper has an obligation to be in balance on an hourly basis such that its Intended Inputs equal its Intended Outputs. Intended Inputs and Intended Outputs take into account the Shipper's Confirmed Nomination Quantities for Entry and Exit and additionally any Acquiring or Disposing Trade Notifications.

Any differences that occur between allocated Inputs and Outputs (such differences only arise during exceptional circumstances), are allowed to accumulate from one day to the next without any penalty or recompense within an allowed cumulative tolerance ("Allowed Tolerance") for each Shipper of ±560,000 kWh.

On any Gas Day on which the Shipper's accumulated imbalance exceeds the Allowed Tolerance, a Balancing Charge shall apply as detailed in the IAC Section E and Section F.

# Appendix 1 – Indexation

### 1 Indexation Factor

The following prices and fees are indexed using an Indexation Factor defined below:

- (a) The Contracted Capacity Price for Capacity Products that cover multiple Gas Years, in accordance with Section F paragraphs 5.1 to 5.3 of the IUK Access Code;
- (b) Monthly Administration Fee;
- (c) Maximum Buy-back Price premium.

"Indexation Factor" means for Gas Year Y the ratio of RPI<sub>Y</sub>/RPI<sub>0</sub> where:

- RPI means the "CHAW" Index numbers of consumer prices "RPI All Items" as published by the Office for National Statistics in the monthly Consumer Price Inflation Reference Tables (or any successor to such Index published by such Office or any other department of HM Government) at www.ons.gov.uk;
- (ii) RPI<sub>Y</sub> = the average value of the RPI for the twelve month period ending on 30 June immediately prior to the commencement of Gas Year Y;
- (iii) RPI<sub>0</sub> = average RPI for twelve months ending 30 June prior to the commencement of the Initial Gas Year, such value to be revised by IUK in the event of the index being updated or replaced.

The values of RPI are follo	ws:
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Base 1987	Base 1987=100													
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Avg	RPI <sub>Y</sub>
2013-14	249.1	251	251.9	251.9	252.1	235.4	252.6	254.2	254.8	255.7	255.9	256.3	253.2917	RPI <sub>14</sub>
2014-15	256	257	257.6	257.7	257.1	257.5	255.4	256.7	257.1	258	258.5	258.9	257.2917	RPI <sub>15</sub>
2015-16	258.6	259.8	259.6	259.5	259.8	260.6	258.8	260	261.1	261.4	262.1	263.1	260.3667	RPI <sub>16</sub>
2016-17	263.4	264.4	264.9	264.8	265.5	267.1	265.5	268.4	269.3	270.6	271.7	272.3	267.325	RPI <sub>17</sub>
2017-18	272.9	274.7	275.1	275.3	275.8	278.1	276	278.1	278.3	279.7	280.7	281.5	277.1833	RPI <sub>18</sub>
2018-19	281.7	284.2	284.1	284.5	284.6	285.6	283	285	285.1	288.2	289.2	289.6	285.400	RPI <sub>19</sub>

### 2 Application

#### 2.1 Contracted Capacity Price

**Example** : calculation of the indexed Contracted Capacity Price in Gas Year 2019-20

Suppose Annual Capacity (Entry or Exit) was allocated in the auction in March 2016 with a Contracted Capacity Price (CCP<sub>16</sub>) of 0.018767 p/(kWh/h)/h, i.e. no IUK Auction Premium, with the Capacity Period starting on 1 October 2019:

Gas Year	Gas Year Calculation method		RPI	Indexation Factor	Payable Price p/(kWh/h)/h	
2016-17	$CCP_{16}$	No indexation	RPI <sub>0</sub> = 260.3667	-	0.018767	No capacity held
2017-18	$CCP_{17}$	CCP <sub>16</sub> x IF <sub>17</sub>	RPI <sub>17</sub> = 267.325	1.026725	0.019269	No capacity held

The payable price for Gas Year 2019-20 is calculated as follows -

2018-19	<b>CCP</b> <sub>18</sub>	$CCP_{16} \times IF_{18}$	RPI <sub>18</sub> = 277.1833	1.064588	0.019979	
2019-20	<b>CCP</b> <sub>19</sub>	$CCP_{16} \times IF_{19}$	RPI <sub>19</sub> = 285.4	1.096146	0.020571	Price applied to Contracted Capacity

2.2 Monthly Administration Fee ("MAF")

The fee will be calculated as  $(RPI_0 \text{ being } RPI_{14})$ : MAF<sub>Y</sub> = £500 \* RPI<sub>Y</sub>/253.2917

2.3 Maximum Buy-back Price premium ("MBPP")

The premium will be calculated as  $(RPI_0 being RPI_{14})$ :

MBBP<sub>Y</sub> = 0.034121 \* RPI<sub>Y</sub>/253.2917 (expressed in p/(kWh/h)/h)

# Appendix 2 – Prices of Balance of Month Firm Capacity

The prices to apply for the next three months are as follows:

### October 2019

			UK	to BE	BE to UK		
Booking	Capacity Start	Product Duration	Bacton Entry	Zeebrugge Exit	Zeebrugge Entry	Bacton Exit	
Date	Date	(days)	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	
30/09/2019	02/10/2019	30	0.046917	0.046917	0.020643	0.020643	
01/10/2019	03/10/2019	29	0.046917	0.046917	0.020643	0.020643	
02/10/2019	04/10/2019	28	0.046917	0.046917	0.020643	0.020643	
03/10/2019	05/10/2019	27	0.046917	0.046917	0.020643	0.020643	
04/10/2019	07/10/2019	25	0.046917	0.046917	0.020643	0.020643	
05/10/2019	Not Offered						
06/10/2019	Not Offered						
07/10/2019	09/10/2019	23	0.048345	0.048345	0.021775	0.021775	
08/10/2019	10/10/2019	22	0.049166	0.049166	0.022424	0.022424	
09/10/2019	11/10/2019	21	0.050114	0.050114	0.023175	0.023175	
10/10/2019	12/10/2019	20	0.051171	0.051171	0.024012	0.024012	
11/10/2019	14/10/2019	18	0.053541	0.053541	0.025889	0.025889	
12/10/2019	Not Offered						
13/10/2019	Not Offered						
14/10/2019	16/10/2019	16	0.056130	0.056130	0.027941	0.027941	
15/10/2019	17/10/2019	15	0.057463	0.057463	0.028996	0.028996	
16/10/2019	18/10/2019	14	0.058795	0.058795	0.030051	0.030051	
17/10/2019	19/10/2019	13	0.060110	0.060110	0.031093	0.031093	
18/10/2019	21/10/2019	11	0.062616	0.062616	0.033077	0.033077	
19/10/2019	Not Offered						
20/10/2019	Not Offered						
21/10/2019	23/10/2019	9	0.064834	0.064834	0.034833	0.034833	
22/10/2019	24/10/2019	8	0.065789	0.065789	0.035590	0.035590	
23/10/2019	25/10/2019	7	0.066619	0.066619	0.036247	0.036247	
24/10/2019	26/10/2019	6	0.067304	0.067304	0.036790	0.036790	
25/10/2019	28/10/2019	4	0.068169	0.068169	0.037475	0.037475	
26/10/2019	Not Offered						
27/10/2019	Not Offered						
28/10/2019	30/10/2019	2	0.068243	0.068243	0.037534	0.037534	
29/10/2019	31/10/2019	1	0.068243	0.068243	0.037534	0.037534	
30/10/2019	Not Offered						
31/10/2019	Not Offered						

#### November 2019

			UK	to BE	BE to UK		
Booking	Capacity Start	Product	Bacton Entry	Zeebrugge Exit	Zeebrugge Entry	Bacton Exit	
Date	Date	Duration (days)	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	
31/10/2019	02/11/2019	29	0.020643	0.020643	0.020643	0.020643	
01/11/2019	04/11/2019	27	0.020643	0.020643	0.020643	0.020643	
02/11/2019	Not Offered						
03/11/2019	Not Offered						
04/11/2019	06/11/2019	25	0.020643	0.020643	0.020643	0.020643	
05/11/2019	07/11/2019	24	0.020643	0.020643	0.020643	0.020643	
06/11/2019	08/11/2019	23	0.021240	0.021240	0.021240	0.021240	
07/11/2019	09/11/2019	22	0.021775	0.021775	0.021775	0.021775	
08/11/2019	11/11/2019	20	0.023175	0.023175	0.023175	0.023175	
09/11/2019	Not Offered						
10/11/2019	Not Offered						
11/11/2019	13/11/2019	18	0.024922	0.024922	0.024922	0.024922	
12/11/2019	14/11/2019	17	0.025889	0.025889	0.025889	0.025889	
13/11/2019	15/11/2019	16	0.026900	0.026900	0.026900	0.026900	
14/11/2019	16/11/2019	15	0.027941	0.027941	0.027941	0.027941	
15/11/2019	18/11/2019	13	0.030051	0.030051	0.030051	0.030051	
16/11/2019	Not Offered						
17/11/2019	Not Offered						
18/11/2019	20/11/2019	11	0.032106	0.032106	0.032106	0.032106	
19/11/2019	21/11/2019	10	0.033077	0.033077	0.033077	0.033077	
20/11/2019	22/11/2019	9	0.033991	0.033991	0.033991	0.033991	
21/11/2019	23/11/2019	8	0.034833	0.034833	0.034833	0.034833	
22/11/2019	25/11/2019	6	0.036247	0.036247	0.036247	0.036247	
23/11/2019	Not Offered						
24/11/2019	Not Offered						
25/11/2019	27/11/2019	4	0.037204	0.037204	0.037204	0.037204	
26/11/2019	28/11/2019	3	0.037534	0.037534	0.037534	0.037534	
27/11/2019	29/11/2019	2	0.037534	0.037534	0.037534	0.037534	
28/11/2019	30/11/2019	1	0.037534	0.037534	0.037534	0.037534	
29/11/2019	Not Offered						
30/11/2019	Not Offered						

#### December 2019

Booking Date	Capacity Start Date	Product Duration (days)	UK to BE		BE to UK	
			Bacton Entry	Zeebrugge Exit	Zeebrugge Entry	Bacton Exit
			p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
30/11/2019	Not Offered					
01/12/2019	Not Offered					
02/12/2019	04/12/2019	28	0.020643	0.020643	0.028150	0.028150
03/12/2019	05/12/2019	27	0.020643	0.020643	0.028150	0.028150
04/12/2019	06/12/2019	26	0.020643	0.020643	0.028150	0.028150
05/12/2019	07/12/2019	25	0.020643	0.020643	0.028150	0.028150
06/12/2019	09/12/2019	23	0.021690	0.021690	0.030635	0.030635
07/12/2019	Not Offered					
08/12/2019	Not Offered					
09/12/2019	11/12/2019	21	0.022995	0.022995	0.033732	0.033732
10/12/2019	12/12/2019	20	0.023778	0.023778	0.035591	0.035591
11/12/2019	13/12/2019	19	0.024632	0.024632	0.037617	0.037617
12/12/2019	14/12/2019	18	0.025543	0.025543	0.039780	0.039780
13/12/2019	16/12/2019	16	0.027488	0.027488	0.044396	0.044396
14/12/2019	Not Offered					
15/12/2019	Not Offered					
16/12/2019	18/12/2019	14	0.029510	0.029510	0.049197	0.049197
17/12/2019	19/12/2019	13	0.030519	0.030519	0.051592	0.051592
18/12/2019	20/12/2019	12	0.031509	0.031509	0.053942	0.053942
19/12/2019	21/12/2019	11	0.032468	0.032468	0.056218	0.056218
20/12/2019	23/12/2019	9	0.034240	0.034240	0.060425	0.060425
21/12/2019	Not Offered					
22/12/2019	Not Offered					
23/12/2019	25/12/2019	7	0.035734	0.035734	0.063971	0.063971
24/12/2019	27/12/2019	5	0.036848	0.036848	0.066616	0.066616
25/12/2019	Not Offered					
26/12/2019	Not Offered					
27/12/2019	30/12/2019	2	0.037534	0.037534	0.068243	0.068243
28/12/2019	Not Offered					
29/12/2019	Not Offered					
30/12/2019	Not Offered					
31/12/2019	Not Offered					