



Charging Statement
related to the
IUK Access Agreement
and
IUK Access Code
Issue 32
Applicable from 15 January 2021

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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 including its pricing publication timetable.

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 indexation¹. 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 or p/(kWh/h)/d. 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.

¹ 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 <https://www.fluxys.com/en/company/interconnector-uk>.

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

2. Reserve Prices for Capacity offered via PRISMA for use during the Gas Year 2020-21 and future Gas Years

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

2.1 Annual Firm Capacity

The prices to apply are as follows:

		2021-22 to 2024-25	2025-26 to 2035-36
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.017061	0.015355
	Zeebrugge Exit	0.017061	0.015355
BE to UK	Zeebrugge Entry	0.017061	0.015355
	Bacton Exit	0.017061	0.015355

Annual firm capacity prices are fixed. 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 2020-21

The prices to apply are as follows:

		Jan 21 – Mar 21 Q1 2021	Apr 21 – Jun 21 Q2 2021	Jul 21 – Sep 21 Q3 2021
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.025591	0.025591
	Zeebrugge Exit	0.018767	0.025591	0.025591
BE to UK	Zeebrugge Entry	0.025591	0.018767	0.018767
	Bacton Exit	0.025591	0.018767	0.018767

Quarterly firm capacity prices are fixed for GY 20-21.

2.3 Monthly Firm Capacity for Gas Year 2020-21

The prices to apply are as follows:

		Jan 21	Feb 21	Mar 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.018767	0.018767
	Zeebrugge Exit	0.018767	0.018767	0.018767
BE to UK	Zeebrugge Entry	0.034121	0.034121	0.034121
	Bacton Exit	0.034121	0.034121	0.034121

		Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
	Zeebrugge Exit	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
BE to UK	Zeebrugge Entry	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767
	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 2020-21

The prices to apply are as follows:

		Jan 21	Feb 21	Mar 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.037534	0.037534	0.037534
	Zeebrugge Exit	0.037534	0.037534	0.037534
BE to UK	Zeebrugge Entry	0.059712	0.059712	0.042652
	Bacton Exit	0.059712	0.059712	0.042652

		Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
	Zeebrugge Exit	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
BE to UK	Zeebrugge Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
	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 2020-21

The prices to apply are as follows:

		Jan 21	Feb 21	Mar 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.037534	0.037534	0.037534
	Zeebrugge Exit	0.037534	0.037534	0.037534
BE to UK	Zeebrugge Entry	0.059712	0.059712	0.042652
	Bacton Exit	0.059712	0.059712	0.042652

		Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
	Zeebrugge Exit	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
BE to UK	Zeebrugge Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
	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 Firm Capacity offered via Implicit Allocation for use during the Gas Year 2020-21 and future Gas Years

3.1 Annual Firm Capacity

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

		2021-22 to 2024-25	2025-26 to 2035-36
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.017061	0.015355
	Zeebrugge Exit	0.017061	0.015355
BE to UK	Zeebrugge Entry	0.017061	0.015355
	Bacton Exit	0.017061	0.015355

Annual firm capacity prices are fixed. 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 fifteen years. The fixed prices to apply are as follows:

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

		Oct 21 - Mar 22 to Oct 36 - Mar 37	Jan 22 - June 22 to Jan 36 - June 36	Apr 22 – Sep 22 to Apr 36 – Sep 36	Jul 22 – Dec 22 to Jul 36 – Dec 36
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.021326	0.023885	0.021326
	Zeebrugge Exit	0.018767	0.021326	0.023885	0.021326
BE to UK	Zeebrugge Entry	0.023885	0.021326	0.018767	0.021326
	Bacton Exit	0.023885	0.021326	0.018767	0.021326

Seasonal firm capacity prices are fixed for Jan '21 – Jun '21 and Apr '21 – Sep '21. For products durations beyond this, IUK has the right to change the quarterly firm capacity prices with at least a week's notice ahead of the relevant Implicit Allocation offering.

For products that fall within GY 2021-22 and beyond, 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 four Quarters in the next fifteen years. The prices to apply are as follows:

		Jan 21 – Mar 21 Q1 2021	Apr 21 – Jun 21 Q2 2021	Jul 21 – Sep 21 Q3 2021
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.025591	0.025591
	Zeebrugge Exit	0.018767	0.025591	0.025591
BE to UK	Zeebrugge Entry	0.025591	0.018767	0.018767
	Bacton Exit	0.025591	0.018767	0.018767

		Q4 2021 to Q4 2036	Q1 2022 to Q1 2036	Q2 2022 to Q2 2036	Q3 2023 to Q3 2036
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.018767	0.025591	0.025591
	Zeebrugge Exit	0.018767	0.018767	0.025591	0.025591
BE to UK	Zeebrugge Entry	0.018767	0.025591	0.018767	0.018767
	Bacton Exit	0.018767	0.025591	0.018767	0.018767

Quarterly firm capacity prices are fixed for Jan-Mar 2021, Apr-Jun 2021 and Jul-Sep 2021 only. For products durations beyond this, IUK has the right to change the quarterly firm capacity prices with at least a week's notice ahead of the relevant Implicit Allocation offering.

For products falling in GY 2021-22 and beyond, 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.

3.4 Monthly Firm Capacity

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

		Jan 21	Feb 21	Mar 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.018767	0.018767	0.018767
	Zeebrugge Exit	0.018767	0.018767	0.018767
BE to UK	Zeebrugge Entry	0.034121	0.034121	0.034121
	Bacton Exit	0.034121	0.034121	0.034121

		Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
	Zeebrugge Exit	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
BE to UK	Zeebrugge Entry	0.018767	0.018767	0.018767	0.018767	0.018767	0.018767
	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 with at least a day's notice ahead of the relevant Implicit Allocation offering.

3.5 Balance of Month Firm Capacity ("BOM")

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 be 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 remainder of Q1-21.

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

3.6 Half Month Firm Capacity

Capacity may be offered for the next available Front Half and Back Half of any month. Product durations are aligned with the contracts offered on the brokered Over The Counter ("OTC") gas commodity market².

The pricing will be based on the Balance of Month Capacity calculation, using the number of days offered in the period.

See Appendix 3 for the prices to be applied for Q1-21.

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

² Typically the Front Half/Back Half split will be calculated by the number of days in the month divided by 2, where the Front Half adopts the extra day in the case of odd numbered days. This methodology can be overturned by committee and as a result, IUK will align, in advance of the period, with the OTC defined periods.

3.7 Working Days Next Week Firm Capacity (“WDNW”)

Capacity may be offered for the following week (Monday-Friday). UK Bank Holidays will be excluded from the WDNW product and instead treated as a Weekend product. The pricing will be based on the Balance of Month Capacity calculation, using the number of days offered in the period.

See Appendix 4 for the prices to be applied for Q1-21.

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

3.8 Weekend Firm Capacity (“WE”)

Capacity may be offered for the following Weekend (Saturday-Sunday) assuming no UK Bank Holidays fall either side of these days. Where they do, they will be included in the Weekend product.

The prices to apply are based on the Daily tariff with prices to be applied for Q1-21 in Appendix 4. IUK has the right to change the WE firm capacity prices at least a day in advance of the relevant Implicit Allocation offering.

3.9 Daily Firm Capacity (“DA”)

Capacity may be offered on any UK working day (Monday-Friday) for the following working day. DA capacity will not be offered for use on Saturday, Sunday or UK Bank Holidays via the DA IAM product.

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

		Jan 21	Feb 21	Mar 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.037534	0.037534	0.037534
	Zeebrugge Exit	0.037534	0.037534	0.037534
BE to UK	Zeebrugge Entry	0.059712	0.059712	0.042652
	Bacton Exit	0.059712	0.059712	0.042652

		Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
	Zeebrugge Exit	0.051182	0.051182	0.051182	0.051182	0.051182	0.051182
BE to UK	Zeebrugge Entry	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534
	Bacton Exit	0.037534	0.037534	0.037534	0.037534	0.037534	0.037534

4. Booking Incentive

IUK’s booking incentive structure is for long term products to be offered at a lower tariff to the shorter term products. IUK is able to offer booking incentives in line with 2.2.4 of the Charging Methodology.

4.1 Bespoke Quarterly Product

Shippers who purchase three consecutive months of capacity in the same flow direction via IUK's Implicit Allocation Mechanism will qualify for this booking incentive. The booking incentive will be applied to the lowest matching volume across the three month period. Capacity for the defined three month periods must be purchased prior to the first gas day on which the capacity can be utilised. This incentive may not be used alongside any other incentives offered by IUK for the same period.

The following prices will be applied to Capacity Transactions which meet the above criteria;

		Feb 21 – Apr 21
		p/(kWh/h)/h
UK to BE	Bacton Entry	0.025591
	Zeebrugge Exit	0.025591
BE to UK	Zeebrugge Entry	0.025591
	Bacton Exit	0.025591

		Mar 21 – May 21	May 21 – Jul 21	Jun 21 – Aug 21
		p/(kWh/h)/h	p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.025591	0.025591	0.025591
	Zeebrugge Exit	0.025591	0.025591	0.025591
BE to UK	Zeebrugge Entry	0.025591	0.018767	0.018767
	Bacton Exit	0.025591	0.018767	0.018767

IUK has the right to change the price offered at least a week in advance of the relevant Implicit Allocation offering.

4.2 Cross-Season Quarterly Product

IUK will also offer an incentive for Shippers who book cross-seasonal Quarterly products. This will be applied specifically to a combination of Q1 2021 Belgium to UK capacity + Q2 2021 or Q3 2021 UK to Belgium capacity; or Q2 2021 or Q3 2021 UK to Belgium capacity + Q1 2022 Belgium to UK capacity. Capacity for both quarters must be purchased prior to the first day on which the capacity can be utilised and the incentive will be applied to the lowest matching capacity. This incentive may not be used alongside any other incentives offered by IUK for the same period.

The following prices will be applied to Capacity Transactions which meet the above criteria;

		Jan 21 – Mar 21 Q1 2021	Apr 21 – Jun 21 Q2 2021
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	Not Offered	0.023885
	Zeebrugge Exit		0.023885
BE to UK	Zeebrugge Entry	0.023885	Not Offered
	Bacton Exit	0.023885	

		Jan 21 – Mar 21 Q1 2021	Jul 21 – Sep 21 Q3 2021
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry Zeebrugge Exit	Not Offered	0.023885 0.023885
BE to UK	Zeebrugge Entry Bacton Exit	0.023885 0.023885	Not Offered

		Apr 21 – Jun 21 Q2 2021	Jan 22 – Mar 22 Q1 2022
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry Zeebrugge Exit	0.023885 0.023885	Not Offered
BE to UK	Zeebrugge Entry Bacton Exit	Not Offered	0.023885 0.023885

		Jul 21 – Sep 21 Q3 2021	Jan 22 – Mar 22 Q1 2022
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry Zeebrugge Exit	0.023885 0.023885	Not Offered
BE to UK	Zeebrugge Entry Bacton Exit	Not Offered	0.023885 0.023885

IUK has the right to change the price offered at least a week in advance of the relevant Implicit Allocation offering.

4.3 Bi-Directional Capacity

An incentive will be applied for Shippers who hold both flow directions for the periods of January 2021 and February 2021.

This incentive may not be used alongside any other incentives offered by IUK for the same period.

This incentive will be applicable to Monthly products only. Where BE to UK capacity has already been contracted (i.e. Annual, Seasonal, Quarterly or Monthly products), Shippers must book Monthly UK to BE capacity to be eligible for this incentive. The booking incentive will be applied to the lowest matching volume across the two flow directions. Capacity must be purchased prior to the first gas day on which the capacity can be utilised.

The following prices will be applied to Capacity Transactions which meet the above criteria;

		Jan 21	Feb 21
		p/(kWh/h)/h	p/(kWh/h)/h
UK to BE	Bacton Entry	0.005118	0.005118
	Zeebrugge Exit	0.005118	0.005118
BE to UK	Zeebrugge Entry	0.034121	0.034121
	Bacton Exit	0.034121	0.034121

IUK has the right to change the price offered at least a week in advance of the relevant Implicit Allocation offering.

5. Conditional Firm Capacity (CF1) Products

IUK shall offer Conditional Firm (CF1) capacity products falling within Q4 and Q1 in the UK import direction, for up to 30% of IUK's technical UK import capacity.

Conditional Firm CF1 capacity tariffs will be the same as the corresponding Firm products. If a Demand Response event is called by IUK's Electricity Supplier for the next calendar day, IUK will notify the market via its website and an Urgent Market Message (UMM). Holders of Conditional Firm CF1 Registered Capacity can then make the choice to either pay the Exceptional Commodity Charge (as described in Paragraph 6.2) or reduce their gas flow nominations for the affected gas day(s).

Shippers who hold Registered Conditional Firm (CF1) Capacity on a gas day where a Demand Response has been called will receive a 100% rebate of the relevant Zeebrugge Entry Capacity tariff and Bacton Exit Capacity tariffs only for all hours of the affected gas day(s), reflected in their next invoice.

6. 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 interrupted³.

7. Commodity Charges

7.1 Commodity Charges for the Gas Year 2020-21

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 to be applied from 1 October 2020 are calculated using the following formulae:

Commodity Unit Cost (Bacton) in p/kWh = 0.0001452 * ICE (M+1) NBP (p/th)

Commodity Unit Cost (Zeebrugge) in p/kWh = 0.0068243 + [0.0002252 * 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 https://www.fluxys.com/en/products-services/empowering-you/tariffs/tariff_interconnector.

7.2 Exceptional Commodity Charge during Q1 and Q4 of any calendar year

For holders of Conditional Firm (CF1) 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. This charge will only be applicable to those who choose to flow during the affected gas day(s).

³ In last 10 years there have been very few interruptions to firm capacity rights as shown in the table below:

Year	Hours Lost	Hours in Year
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
2018/19	0	8,760
2019/20	0	8,784
Total (10 years)	55	87,671

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%.

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 (<https://www.elia.be/en/grid-data/balancing/current-system-imbalance>). IUK will allocate these costs as an exceptional charge to the holders of Conditional Firm (CF1) Capacity who flow during the affected gas day(s), pro-rated to the sum of their Entry Allocations at the Zeebrugge Entry Point on the affected Gas Day.

8. Initial Registration Fee

The Initial Registration Fee charged by IUK for any new Shippers signing an IAA during the Gas Year 2020-21 is set to zero.

9. Monthly Administration Fee

The Monthly Administration Fee payable by each Shipper under an IAA during the Gas Year 2020-21 is £575. The fee for future Gas Years will be calculated as set out in Appendix 1.

10. 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 0.039270 p/(kWh/h)/h for Gas Year 2020-21. The premium for future Gas Years will be calculated as set out in Appendix 1.

11. 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.

12. 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.

13. 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 $\pm 560,000$ 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_Y/RPI_0 where:

- (i) 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_Y = 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_0 = 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 follows:

Base 1987=100														
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Avg	RPI _Y
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 ₁₄
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 ₁₅
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 ₁₆
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 ₁₇
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 ₁₈
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 ₁₉
2019-20	289.5	291.7	291	290.4	291	291.9	290.6	292	292.6	292.6	292.2	292.7	291.517	RPI ₂₀

2 Application

2.1 Contracted Capacity Price

Example : calculation of the indexed Contracted Capacity Price in Gas Year 2020-21

Suppose Annual Capacity (Entry or Exit) was allocated in the auction in March 2016 with a Contracted Capacity Price (CCP₁₆) of 0.018767 p/(kWh/h)/h, i.e. no IUK Auction Premium, with the Capacity Period starting on 1 October 2020:

The indicative payable price for Gas Year 2020-21 is calculated as follows –

Gas Year	Calculation method	RPI	Indexation Factor	Indicative Payable Price		
				p/(kWh/h)/h		
2016-17	CCP ₁₆	No indexation	RPI ₀ = 260.3667	-	0.018767	No capacity held
2017-18	CCP ₁₇	CCP ₁₆ X IF ₁₇	RPI ₁₇ = 267.325	1.026725	0.019269	No capacity held
2018-19	CCP₁₈	CCP ₁₆ X IF ₁₈	RPI ₁₈ = 277.1833	1.064588	0.019979	
2019-20	CCP₁₉	CCP ₁₆ X IF ₁₉	RPI ₁₉ = 285.4	1.096146	0.020571	
2020-21	CCP₂₀	CCP ₁₆ X IF ₂₀	RPI ₂₀ = 291.517	1.119639	0.021012	Price applicable to Contracted Capacity

Note : the above payable prices are for illustration only, the invoiced capacity charges will be calculated in accordance with the IAC Section F paragraph 5.

2.2 Monthly Administration Fee (“MAF”)

The fee will be calculated as (RPI₀ being RPI₁₄):

$$MAF_Y = \text{£}500 * RPI_Y / 253.2917$$

2.3 Maximum Buy-back Price premium (“MBPP”)

The premium will be calculated as (RPI₀ being RPI₁₄):

$$MBBP_Y = 0.034121 * RPI_Y / 253.2917 \quad (\text{expressed in p/(kWh/h)/h})$$

Appendix 2 – Prices of Balance of Month Firm Capacity

The prices to apply are as follows:

January 2021

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
31/12/2020	04/01/2021	28	0.020643	0.020643	0.034121	0.034121
01/01/2021	Not Offered					
02/01/2021	Not Offered					
03/01/2021	Not Offered					
04/01/2021	06/01/2021	26	0.020643	0.020643	0.034121	0.034121
05/01/2021	07/01/2021	25	0.020643	0.020643	0.034121	0.034121
06/01/2021	08/01/2021	24	0.021194	0.021194	0.038257	0.038257
07/01/2021	09/01/2021	23	0.021690	0.021690	0.038908	0.038908
08/01/2021	11/01/2021	21	0.022995	0.022995	0.040621	0.040621
09/01/2021	Not Offered					
10/01/2021	Not Offered					
11/01/2021	13/01/2021	19	0.024632	0.024632	0.042771	0.042771
12/01/2021	14/01/2021	18	0.025543	0.025543	0.043967	0.043967
13/01/2021	15/01/2021	17	0.026499	0.026499	0.045223	0.045223
14/01/2021	16/01/2021	16	0.027488	0.027488	0.046521	0.046521
15/01/2021	18/01/2021	14	0.029510	0.029510	0.049177	0.049177
16/01/2021	Not Offered					
17/01/2021	Not Offered					
18/01/2021	20/01/2021	12	0.031509	0.031509	0.051801	0.051801
19/01/2021	21/01/2021	11	0.032468	0.032468	0.053060	0.053060
20/01/2021	22/01/2021	10	0.033382	0.033382	0.054261	0.054261
21/01/2021	23/01/2021	9	0.034240	0.034240	0.055387	0.055387
22/01/2021	25/01/2021	7	0.035734	0.035734	0.057349	0.057349
23/01/2021	Not Offered					
24/01/2021	Not Offered					
25/01/2021	27/01/2021	5	0.036848	0.036848	0.058813	0.058813
26/01/2021	28/01/2021	4	0.037231	0.037231	0.059315	0.059315
27/01/2021	29/01/2021	3	0.037534	0.037534	0.059712	0.059712
28/01/2021	30/01/2021	2	0.037534	0.037534	0.059712	0.059712
29/01/2021	Not Offered					
30/01/2021	Not Offered					
31/01/2021	Not Offered					

February 2021

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
31/01/2021	Not Offered					
01/02/2021	03/02/2021	26	0.020643	0.020643	0.037534	0.037534
02/02/2021	04/02/2021	25	0.020643	0.020643	0.037534	0.037534
03/02/2021	05/02/2021	24	0.020643	0.020643	0.037534	0.037534
04/02/2021	06/02/2021	23	0.020643	0.020643	0.037534	0.037534
05/02/2021	08/02/2021	21	0.021351	0.021351	0.038462	0.038462
06/02/2021	Not Offered					
07/02/2021	Not Offered					
08/02/2021	10/02/2021	19	0.022734	0.022734	0.040278	0.040278
09/02/2021	11/02/2021	18	0.023603	0.023603	0.041419	0.041419
10/02/2021	12/02/2021	17	0.024565	0.024565	0.042683	0.042683
11/02/2021	13/02/2021	16	0.025602	0.025602	0.044045	0.044045
12/02/2021	15/02/2021	14	0.027827	0.027827	0.046967	0.046967
13/02/2021	Not Offered					
14/02/2021	Not Offered					
15/02/2021	17/02/2021	12	0.030129	0.030129	0.049990	0.049990
16/02/2021	18/02/2021	11	0.031263	0.031263	0.051478	0.051478
17/02/2021	19/02/2021	10	0.032360	0.032360	0.052919	0.052919
18/02/2021	20/02/2021	9	0.033402	0.033402	0.054287	0.054287
19/02/2021	22/02/2021	7	0.035247	0.035247	0.056710	0.056710
20/02/2021	Not Offered					
21/02/2021	Not Offered					
22/02/2021	24/02/2021	5	0.036649	0.036649	0.058551	0.058551
23/02/2021	25/02/2021	4	0.037138	0.037138	0.059193	0.059193
24/02/2021	26/02/2021	3	0.037534	0.037534	0.059712	0.059712
25/02/2021	27/02/2021	2	0.037534	0.037534	0.059712	0.059712
26/02/2021	Not Offered					
27/02/2021	Not Offered					
28/02/2021	Not Offered					

March 2021

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
28/02/2021	Not Offered					
01/03/2021	03/03/2021	29	0.020643	0.020643	0.037534	0.037534
02/03/2021	04/03/2021	28	0.020643	0.020643	0.037534	0.037534
03/03/2021	05/03/2021	27	0.020643	0.020643	0.037534	0.037534
04/03/2021	06/03/2021	26	0.020643	0.020643	0.037534	0.037534
05/03/2021	08/03/2021	24	0.021194	0.021194	0.037701	0.037701
06/03/2021	Not Offered					
07/03/2021	Not Offered					
08/03/2021	10/03/2021	22	0.022295	0.022295	0.038034	0.038034
09/03/2021	11/03/2021	21	0.022995	0.022995	0.038246	0.038246
10/03/2021	12/03/2021	20	0.023778	0.023778	0.038483	0.038483
11/03/2021	13/03/2021	19	0.024632	0.024632	0.038742	0.038742
12/03/2021	15/03/2021	17	0.026499	0.026499	0.039308	0.039308
13/03/2021	Not Offered					
14/03/2021	Not Offered					
15/03/2021	17/03/2021	15	0.028496	0.028496	0.039913	0.039913
16/03/2021	18/03/2021	14	0.029510	0.029510	0.040220	0.040220
17/03/2021	19/03/2021	13	0.030519	0.030519	0.040526	0.040526
18/03/2021	20/03/2021	12	0.031509	0.031509	0.040826	0.040826
19/03/2021	22/03/2021	10	0.033382	0.033382	0.041394	0.041394
20/03/2021	Not Offered					
21/03/2021	Not Offered					
22/03/2021	24/03/2021	8	0.035028	0.035028	0.041893	0.041893
23/03/2021	25/03/2021	7	0.035734	0.035734	0.042106	0.042106
24/03/2021	26/03/2021	6	0.036345	0.036345	0.042292	0.042292
25/03/2021	27/03/2021	5	0.036848	0.036848	0.042444	0.042444
26/03/2021	29/03/2021	3	0.037534	0.037534	0.042652	0.042652
27/03/2021	Not Offered					
28/03/2021	Not Offered					
29/03/2021	31/03/2021	1	0.037534	0.037534	0.042652	0.042652
30/03/2021	Not Offered					
31/03/2021	Not Offered					

Appendix 3 – Prices of Half Month Firm Capacity

The prices to apply are as follows:

Month	Product Type	Capacity Duration	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
Jan-21	Front Half	01/01 - 15/01/2021	0.028496	0.028496	0.034121	0.034121
	Back Half	16/01 - 31/01/2021	0.027488	0.027488	0.046521	0.046521
Feb-21	Front Half	01/02 - 14/02/2021	0.027827	0.027827	0.046967	0.046967
	Back Half	15/02 - 28/02/2021	0.027827	0.027827	0.046967	0.046967
Mar-21	Front Half	01/03 - 16/03/2021	0.027488	0.027488	0.039608	0.039608
	Back Half	17/03 - 31/03/2021	0.028496	0.028496	0.039913	0.039913
Apr-21	Front Half	01/04 - 15/04/2021	0.045562	0.045562	0.027941	0.027941

Appendix 4 – Prices of Working Days Next Week and Weekend Firm Capacity

The prices to apply are as follows:

Week	Product Type	Capacity Duration	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
Week 1	WDNW	04/01 - 08/01/2021	0.036848	0.036848	0.034121	0.034121
	WE	09/01 - 10/01/2021	0.037534	0.037534	0.059712	0.059712
Week 2	WDNW	11/01 - 15/01/2021	0.036848	0.036848	0.058813	0.058813
	WE	16/01 - 17/01/2021	0.037534	0.037534	0.059712	0.059712
Week 3	WDNW	18/01 - 22/01/2021	0.036848	0.036848	0.058813	0.058813
	WE	23/01 - 24/01/2021	0.037534	0.037534	0.059712	0.059712
Week 4	WDNW	25/01 - 29/01/2021	0.036848	0.036848	0.058813	0.058813
	WE	30/01 - 31/01/2021	0.037534	0.037534	0.059712	0.059712
Week 5	WDNW	01/02 - 05/02/2021	0.036649	0.036649	0.058551	0.058551
	WE	06/02 - 07/02/2021	0.037534	0.037534	0.059712	0.059712
Week 6	WDNW	08/02 - 12/02/2021	0.036649	0.036649	0.058551	0.058551
	WE	13/02 - 14/02/2021	0.037534	0.037534	0.059712	0.059712
Week 7	WDNW	15/02 - 19/02/2021	0.036649	0.036649	0.058551	0.058551
	WE	20/02 - 21/02/2021	0.037534	0.037534	0.059712	0.059712
Week 8	WDNW	22/02 - 26/02/2021	0.036649	0.036649	0.058551	0.058551
	WE	27/02 - 28/02/2021	0.037534	0.037534	0.059712	0.059712
Week 9	WDNW	01/03 - 05/03/2021	0.036848	0.036848	0.042444	0.042444
	WE	06/03 - 07/03/2021	0.037534	0.037534	0.042652	0.042652
Week 10	WDNW	08/03 - 12/03/2021	0.036848	0.036848	0.042444	0.042444
	WE	13/03 - 14/03/2021	0.037534	0.037534	0.042652	0.042652
Week 11	WDNW	15/03 - 19/03/2021	0.036848	0.036848	0.042444	0.042444
	WE	20/03 - 21/03/2021	0.037534	0.037534	0.042652	0.042652
Week 12	WDNW	22/03 - 26/03/2021	0.036848	0.036848	0.042444	0.042444
	WE	27/03 - 28/03/2021	0.037534	0.037534	0.042652	0.042652
Week 13	WDNW*	29/03 - 01/04/2021	0.040323	0.040323	0.041221	0.041221
	WE*	02/04 - 05/04/2021	0.050989	0.050989	0.037204	0.037204

*Bank Holidays are included within the Weekend product