EU Harmonisation of Maintenance Publications at
Interconnections Points

Provision of Maintenance Information at Interconnection Points - EU Harmonisation

Background:

European Regulation EC 715/2009 puts an obligation on Transmission System Operators (TSOs) to publish Maintenance Information. National Grid does this by publishing an annual summer and winter maintenance programme for the National Transmission System (NTS). The European Network of Transmission System Operators for Gas (ENTSO-G) launched a public consultation on the issue of Harmonisation of Maintenance Publication (PR008-11) http://www.entsog.eu/publications/index.html. National Grid is now publishing additional maintenance information specific to Interconnection Points (IPs) consistent with the template for harmonisation of maintenance publication as a result of this consultation. This is intended to give a forward looking view of impact on cross-border flows only.

Link to maintenance Plan: www.nationalgridgas.com/data-and-operations/maintenance

Notes and interpretation:

1 **Publication frequency**

The intention is to publish this document on 14th November and then update this whenever there is a change to the impact of maintenance on an Interconnector Point. This will be updated at least 42 days before the change, where known. This is in accordance with the agreed publication frequency by ENTSOG. This is only intended to give an indication of the impact of maintenance and is subject to change. Changes made will be indicated in the Version Control.

2 **Structure of the publication**

The format of the sheets included in this document is in accordance with that agreed by ENTSOG (may be subject to change). The yearly publication gives and overview of maintenance per month for the coming year. The Monthly sheet then breaks down the Month to give more detail. A Monthly sheet will only be published where there is an effect of maintenance shown on the Yearly sheet. Both sheets will be published per Interconnection Point. In the UK the applicable Interconnections Points are Interconnector and BBL at Bacton and the Irish Interconnector at Moffat. At Bacton as Entry Capacity is sold at an ASEP level there will be one sheet for Bacton Entry which will include both Interconnector and BBL (and also non IPs) as the impact on capacity cannot be determined at an individual point level for Entry Capacity. At Bacton, Exit Capability will include both Interconnector and BBL as the impact on capacity cannot be determined at an individual point level for Exit Capacity.

3 **Units of measurement**

The information will be published in both UK and EU units of measure in Energy Unit (Kwh) shown on separate sheets.

4 **Definition of capacity**

In the UK the Capacity regime currently defines capacity around Baseline Obligations which are defined in National Grids Transporter licence. This is the amount of Firm Capacity that National Grid are obligated to make available for sale. This is therefore the definition which has been used for Firm Capacity in this document and any impacts shown are therefore against this obligated capacity. It is important to note that the Capability of the physical Transmission Network may be different to Capacity. This document does not intend to show the impact on Capability.

The UK Capacity Regime currently only sells Interruptible Entry Capacity at a Day Ahead auction and therefore it is not possible to publish in advance the impact of maintenance on the interruptible Capacity.

5 **Determination of impact**

The impact on Interconnection Point Capacity, published in terms of quantity, percentage and number of days will be determined by using the worst case impact within the given month or week. This is the impact on Capacity and not capability as mentioned in point 4 above.

Version Control

Publication Date	Interconnector Tables Updated	Purpose Of Update
14th November 2022	BACTON Entry Monthly EU Units	To publish Annual Forecast for 2023
	BACTON Entry Monthly UK Units	
	BACTON Exit Monthly EU Units	
	BACTON Exit Monthly UK Units	
	MOFFAT Exit Monthly EU Units	
	MOFFAT Exit Monthly UK Units	

Interconnection Point*: BACTON ENTRY IP **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	1,296,502,200	0	1,296,502,200	100%					0	
FEBRUARY	1,296,502,200	0	1,296,502,200	100%					0	
MARCH	1,296,502,200	0	1,296,502,200	100%					0	
APRIL	1,296,502,200	0	1,296,502,200	100%					0	
MAY	1,296,502,200	0	1,296,502,200	100%					0	
JUNE	1,296,502,200	0	1,296,502,200	100%					0	
JULY	1,296,502,200	0	1,296,502,200	100%					0	
AUGUST	1,296,502,200	0	1,296,502,200	100%					0	
SEPTEMBER	1,296,502,200	0	1,296,502,200	100%					0	
OCTOBER	1,296,502,200	0	1,296,502,200	100%					0	
NOVEMBER	1,296,502,200	0	1,296,502,200	100%					0	
DECEMBER	1,296,502,200	0	1,296,502,200	100%					0	

Interconnection Point*: BACTON ENTRY IP **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAININ G CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	1,297,800,000	0	1,297,800,000	100%					0	
FEBRUARY	1,297,800,000	0	1,297,800,000	100%					0	
MARCH	1,297,800,000	0	1,297,800,000	100%					0	
APRIL	1,297,800,000	0	1,297,800,000	100%					0	
MAY	1,297,800,000	0	1,297,800,000	100%					0	
UNE	1,297,800,000	0	1,297,800,000	100%					0	
JULY	1,297,800,000	0	1,297,800,000	100%					0	
AUGUST	1,297,800,000	0	1,297,800,000	100%					0	
SEPTEMBER	1,297,800,000	0	1,297,800,000	100%					0	
OCTOBER	1,297,800,000	0	1,297,800,000	100%					0	
NOVEMBER	1,297,800,000	0	1,297,800,000	100%					0	
DECEMBER	1,297,800,000	0	1,297,800,000	100%					0	

*Please consult also the adjacent TSO's website

Interconnection Point*: BACTON EXIT IP **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	651,025,263	0	651,025,263	100%					0	
FEBRUARY	651,025,263	0	651,025,263	100%					0	
MARCH	651,025,263	0	651,025,263	100%					0	
APRIL	651,025,263	0	651,025,263	100%					0	
MAY	651,025,263	0	651,025,263	100%					0	
JUNE	651,025,263	0	651,025,263	100%					0	
JULY	651,025,263	0	651,025,263	100%					0	
AUGUST	651,025,263	0	651,025,263	100%					0	
SEPTEMBER	651,025,263	0	651,025,263	100%					0	
OCTOBER	651,025,263	0	651,025,263	100%					0	
NOVEMBER	651,025,263	0	651,025,263	100%					0	
DECEMBER	651,025,263	0	651,025,263	100%					0	

*Please consult also the adjacent TSO's website

Interconnection Point*: BACTON EXIT IP **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	651,676,940	0	651,676,940	100%					0	
FEBRUARY	651,676,940	0	651,676,940	100%					0	
MARCH	651,676,940	0	651,676,940	100%					0	
APRIL	651,676,940	0	651,676,940	100%					0	
MAY	651,676,940	0	651,676,940	100%					0	
JUNE	651,676,940	0	651,676,940	100%					0	
JULY	651,676,940	0	651,676,940	100%					0	
AUGUST	651,676,940	0	651,676,940	100%					0	
SEPTEMBER	651,676,940	0	651,676,940	100%					0	
OCTOBER	651,676,940	0	651,676,940	100%					0	
NOVEMBER	651,676,940	0	651,676,940	100%					0	
DECEMBER	651,676,940	0	651,676,940	100%					0	

*Please consult also the adjacent TSO's website

Interconnection Point*: MOFFAT - EXIT **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	529,559,828	0	529,559,828	100%					0	
FEBRUARY	529,559,828	0	529,559,828	100%					0	
MARCH	529,559,828	0	529,559,828	100%					0	
APRIL	529,559,828	0	529,559,828	100%					0	
MAY	529,559,828	0	529,559,828	100%					0	
JUNE	529,559,828	0	529,559,828	100%					0	
JULY	529,559,828	0	529,559,828	100%					0	
AUGUST	529,559,828	0	529,559,828	100%					0	
SEPTEMBER	529,559,828	0	529,559,828	100%					0	
OCTOBER	529,559,828	0	529,559,828	100%					0	
NOVEMBER	529,559,828	0	529,559,828	100%					0	
DECEMBER	529,559,828	0	529,559,828	100%					0	

*Please consult also the adjacent TSO's website

Interconnection Point*: MOFFAT - EXIT **YEAR: 2023**

Units of measurements: kWh/d

	FIRM capacity				INTERRUPTIBLE capacity (one sub-table for each category: first,second, third class etc)				PERIOD (i.e. number of days during the month affected by the detailed maintenance)	NATURE OF PLANNED MAINTENANCE (in-line inspection; pipeline works; installation works)
Month	FIRM CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)	INTERRUPTIBLE CAPACITY (A) (kWh/d)	PLANNED INTERRUPTION (B) (kWh/d)	REMAINING CAPACITY (A - B) (kWh/d)	REMAINING CAPACITY (A - B) (%)		
JANUARY	530,089,918	0	530,089,918	100%					0	
FEBRUARY	530,089,918	0	530,089,918	100%					0	
MARCH	530,089,918	0	530,089,918	100%					0	
APRIL	530,089,918	0	530,089,918	100%					0	
MAY	530,089,918	0	530,089,918	100%					0	
JUNE	530,089,918	0	530,089,918	100%					0	
JULY	530,089,918	0	530,089,918	100%					0	
AUGUST	530,089,918	0	530,089,918	100%					0	
SEPTEMBER	530,089,918	0	530,089,918	100%					0	
OCTOBER	530,089,918	0	530,089,918	100%					0	
NOVEMBER	530,089,918	0	530,089,918	100%					0	
DECEMBER	530,089,918	0	530,089,918	100%					0	

*Please consult also the adjacent TSO's website