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30<sup>th</sup> November, 2017

Our Ref: 2017 – Eggborough Power Station - ExCS

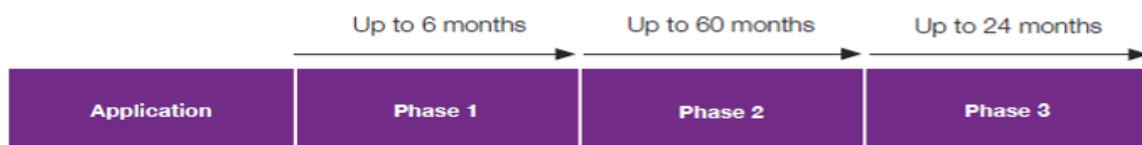
Dear Industry Colleagues,

## Eggborough Power Station ExCS Informal Notice (including Exit Substitution & Baseline Revision)

National Grid Gas plc (“National Grid”) received a Planning and Advanced Reservation of Capacity Agreement (PARCA) application on 19<sup>th</sup> April 2017. The application achieved competency<sup>1</sup> on 25<sup>th</sup> April 2017. The application requested firm Enduring Annual NTS exit (Flat) Capacity<sup>2</sup> in excess of the prevailing baseline capacity level at the Eggborough power station exit point. The application requested up to:

- 33,600,000 kWh/d from October 2020
- 67,200,000 kWh/d from January 2021
- 99,960,000 kWh/d from April 2021
- 106,494,300 kWh/d from October 2022

The PARCA application triggered Phase 1 of the PARCA process on 30<sup>th</sup> May, 2017.



As part of Phase 1 works, National Grid completed network analysis to identify the most appropriate and robust solution to accommodate the capacity being requested. The Phase 1 process identified that the capacity request could be met by substitution of unsold exit capacity from a number of Distribution Network (DN) exit points and Direct Connect (DC) (both power stations and industrials) exit points as follows;

- From Pannal and Burley Bank DN exit points, from October 2020.
- From Pannal, Burley Bank, Asselby, Baldersby, Towton and Ganstead DN exit points from January 2021.

<sup>1</sup> As per Uniform Network Code, Transportation Principal Document, Section B – System Use and Capacity, para. 1.15.4.  
<sup>2</sup> Please note that this notice contains terminology relating to Exit Capacity which is used in the Licence and in the Uniform Network Code (“UNC”). Licence defined capacity terms are given in **bold italics**.

- From Pannal, Burley Bank, Asselby, Baldersby, Towton, Ganstead and Pickering DN exit points, Blyborough (Brigg) and Eastoft Keadby DC exit points from April 2021.
- From Pannal, Burley Bank, Asselby, Baldersby, Towton, Ganstead and Pickering DN exit points, Blyborough (Brigg), Eastoft Keadby, West Burton and Goole Glass DC exit points from October 2022.

This informal notice signifies the end of PARCA Phase 1 and the first opportunity for industry parties to raise any concerns around the method to meet the additional capacity request in this location.

### Application for Capacity Release

*Substitution of Unsold Capacity from October 2020, January 2021, April 2021 and October 2022*

As part of the Phase 1 works, National Grid completed network analysis to assess what impact the capacity had on the existing network.

In accordance with the Gas Transporter Licence<sup>3</sup>, substitution<sup>4</sup> of **Non-incremental Obligated Capacity** has been assessed and identified as being able to meet the Firm Enduring Annual NTS (Flat) Capacity requirements in excess of the prevailing baseline NTS Capacity at the Eggborough power station exit point in full.

National Grid therefore proposes that from October 2020, January 2021, April 2021 and October 2022;

- All of the additional Baseline NTS Capacity identified at the Eggborough power station exit point can be met by substituting unsold NTS Baseline Capacity from Pannal, Burley Bank, Asselby, Baldersby, Towton, Ganstead and Pickering DNs, Blyborough (Brigg), Eastoft (Keadby), West Burton and Goole Glass DC exit points (See tables below).

### Statement of proposed **Non-incremental Capacity substitution in accordance with Special Condition 5G paragraph 6 (formerly paragraph 4(a) (iv) of Special Condition C8E) of the Licence:**

From October 2020

<b>Recipient NTS Point</b>	<b>Donor NTS Points</b>	<b>Capacity Donated (kWh/d)</b>	<b>Capacity Received (kWh/d)</b>	<b>Exchange Rate (Donor : Recipient)</b>	<b>Total Exchange Rate (Donor : Recipient)</b>
Eggborough Power Station	Pannal	28,230,041	28,330,000	0.9965 : 1	0.9978 : 1
	Burley Bank	5,296,185	5,270,000	1.0050 : 1	

<sup>3</sup> Special Condition 5G (formerly paragraph 3(c) (i) of Special Condition C8E).

<sup>4</sup> During October 2015, the Authority approved the Exit Capacity Substitution and Revision Methodology Statement (the "Methodology") pursuant to Special Condition 9A.

From January 2021

<i>Recipient NTS Point</i>	<i>Donor NTS Points</i>	<i>Capacity Donated (kWh/d)</i>	<i>Capacity Received (kWh/d)</i>	<i>Exchange Rate ( Donor : Recipient)</i>	<i>Total Exchange Rate ( Donor : Recipient)</i>
Eggborough Power Station	Pannal	28,230,041	28,330,000	0.9965 : 1	1.0158 : 1
	Burley Bank	6,441,849	6,410,000	1.0050 : 1	
	Asselby	1,000,269	1,010,000	0.9904 : 1	
	Baldersby	213,358	210,000	1.0160 : 1	
	Towton	21,165,329	21,080,000	1.0040 : 1	
	Ganstead	6,539,670	6,000,000	1.0899 : 1	
	Goole Glass	1,620,000	1,900,000	0.8526 : 1	
	Pickering	1,047,290	950,000	1.1024 : 1	
	Blyborough (Brigg) Power Station	2,007,004	1,310,000	1.5321 : 1	

From April 2021

<i>Recipient NTS Point</i>	<i>Donor NTS Points</i>	<i>Capacity Donated (kWh/d)</i>	<i>Capacity Received (kWh/d)</i>	<i>Exchange Rate ( Donor : Recipient)</i>	<i>Total Exchange Rate ( Donor : Recipient)</i>
Eggborough Power Station	Pannal	28,230,041	28,330,000	0.9965 : 1	1.1254 : 1
	Burley Bank	6,441,849	6,410,000	1.0050 : 1	
	Asselby	1,000,269	1,010,000	0.9904 : 1	
	Baldersby	213,358	210,000	1.0160 : 1	
	Towton	21,165,329	21,080,000	1.0040 : 1	
	Ganstead	6,539,670	6,000,000	1.0899 : 1	
	Goole Glass	1,620,000	1,900,000	0.8526 : 1	
	Pickering	1,047,290	950,000	1.1024 : 1	
	Blyborough (Brigg) Power Station	15,290,000	9,980,000	1.5321 : 1	
	Eastoft Keadby Power Station	30,947,111	24,090,000	1.2846 : 1	

From October 2022

<i>Recipient NTS Point</i>	<i>Donor NTS Points</i>	<i>Capacity Donated (kWh/d)</i>	<i>Capacity Received (kWh/d)</i>	<i>Exchange Rate ( Donor : Recipient)</i>	<i>Total Exchange Rate ( Donor : Recipient)</i>
Eggborough power station	Pannal	28,230,041	28,330,000	0.9965 : 1	1.1401 : 1
	Burley Bank	6,441,849	6,410,000	1.0050 : 1	
	Asselby	1,000,269	1,010,000	0.9904 : 1	
	Baldersby	213,358	210,000	1.0160 : 1	
	Towton	21,165,329	21,080,000	1.0040 : 1	
	Ganstead	6,539,670	6,000,000	1.0899 : 1	
	Goole Glass	1,620,000	1,900,000	0.8526 : 1	
	Pickering	1,047,290	950,000	1.1024 : 1	
	Blyborough (Brigg) Power Station	15,290,000	9,980,000	1.5321 : 1	
	Eastoft Keadby Power Station	36,060,000	28,070,000	1.2846 : 1	
	West Burton Power Station	3,804,474	2,554,300	1.4894 : 1	

**Baseline Modification Proposal:**

From October 2020

<i>NTS Point</i>	<i>Type</i>	<i>Recipient / Donor</i>	<i>Current Baseline (kWh/d)</i>	<i>Proposed Baseline (kWh/d)</i>	<i>Remaining unsold capacity (kWh/d)</i>
Eggborough Power Station	DC	Recipient	0	33,600,000	0
Pannal DN	DN	Donor	148,410,000	120,179,959	0
Burley Bank DN	DN	Donor	20,310,000	15,013,815	1,145,664

January 2021

<b>NTS Point</b>	<b>Type</b>	<b>Recipient / Donor</b>	<b>Current Baseline (kWh/d)</b>	<b>Proposed Baseline (kWh/d)</b>	<b>Remaining unsold capacity (kWh/d)</b>
Eggborough Power Station	DC	Recipient	0	67,200,000	0
Pannal	DN	Donor	148,410,000	120,179,959	0
Burley Bank	DN	Donor	20,310,000	13,868,151	0
Asselby	DN	Donor	4,586,470	3,586,201	0
Baldersby	DN	Donor	1,340,000	1,126,642	0
Towton	DN	Donor	80,730,000	59,564,671	0
Ganstead	DN	Donor	23,150,000	16,610,330	0
Goole Glass	DC	Donor	1,620,000	0	0
Pickering	DN	Donor	9,380,000	8,332,710	0
Blyborough (Brigg) Power Station	DN	Donor	16,890,000	14,882,996	407,004

From April 2021

<b>NTS Point</b>	<b>Type</b>	<b>Recipient / Donor</b>	<b>Current Baseline (kWh/d)</b>	<b>Proposed Baseline (kWh/d)</b>	<b>Remaining unsold capacity (kWh/d)</b>
Eggborough Power Station	DC	Recipient	0	99,960,000	0
Pannal	DN	Donor	148,410,000	120,179,959	0
Burley Bank	DN	Donor	20,310,000	13,868,151	0
Asselby	DN	Donor	4,586,470	3,586,201	0
Baldersby	DN	Donor	1,340,000	1,126,642	0
Towton	DN	Donor	80,730,000	59,564,671	0
Ganstead	DN	Donor	23,150,000	16,610,330	0
Goole Glass	DC	Donor	1,620,000	0	0
Pickering	DN	Donor	9,380,000	8,332,710	0
Blyborough (Brigg) Power Station	DC	Donor	16,890,000	1,600,000	0
Eastoft Keadby Power Station	DC	Donor	36,060,000	5,112,889	5,112,889

From October 2022

<b>NTS Point</b>	<b>Type</b>	<b>Recipient / Donor</b>	<b>Current Baseline (kWh/d)</b>	<b>Proposed Baseline (kWh/d)</b>	<b>Remaining unsold capacity (kWh/d)</b>
Eggborough Power Station	DC	Recipient	0	106,494,300	0
Pannal	DN	Donor	148,410,000	120,179,959	0
Burley Bank	DN	Donor	20,310,000	13,868,151	0
Asselby	DN	Donor	4,586,470	3,586,201	0
Baldersby	DN	Donor	1,340,000	1,126,642	0
Towton	DN	Donor	80,730,000	59,564,671	0
Ganstead	DN	Donor	23,150,000	16,610,330	0
Goole Glass	DC	Donor	1,620,000	0	0
Pickering	DN	Donor	9,380,000	8,332,710	0
Blyborough (Brigg) Power Station	DC	Donor	16,890,000	1,600,000	0
Eastoft Keadby Power Station	DC	Donor	36,060,000	0	0
West Burton Power Station	DC	Donor	66,000,000	0 <sup>5</sup>	0

Appendix 1 provides additional information regarding the proposal to demonstrate that National Grid has determined its proposals for capacity substitution in accordance with the Methodology.

I would be grateful if you could acknowledge receipt of this written proposal and the date on which it was received.

If you require any further information, please contact me or Mark Hamling, Gas Network Capability Manager on 01926 654276.

Yours sincerely,

**Craig Dyke**  
Gas Network Development Manager  
Network Capability & Operations, Gas  
System Operator  
National Grid

<sup>5</sup> Takes into account the amounts reserved for Keadby 2 power station and that being proposed for reservation for Knottingley power station