

## NATIONAL GRID GAS AND BBLC

### AMENDMENT AND RESTATEMENT OF THE INTERCONNECTION AGREEMENT

#### NETWORK EXIT PROVISIONS

#### 4 Pressure

##### 4.1 General

4.1.1 For the purposes of this paragraph 4:

- (a) **Exit Flow Day** means a Gas Flow Day during which gas flows from the NGG System to the CSO System at the Connected System Point;
- (b) **Exit Gas** means gas offtaken from or made available by National Grid Gas for offtake from the NGG System at the CSEP;
- (c) **Feeder** means any of the pipelines forming part of that part of the NGG System by means of which gas delivered to the NGG System at the System Entry Points at Bacton is transported away from those System Entry Points or (on an Exit Flow Day) gas is transported from the King's Lynn Compressors to Bacton for offtake from the National Grid Gas System at the CSEP;
- (d) **King's Lynn Compressors** means the gas compressors including the associated pipework and equipment forming part of the NGG System and installed on Feeders 2, 4 and 27 at King's Lynn which have been modified so as to be capable of compressing gas for transportation to Bacton;
- (e) **Pressure Service Charges Agreement** means the agreement between NGG and the CSO pursuant to which the CSO agrees to pay NGG certain amounts to compensate NGG for the costs it incurs in operating the King's Lynn Compressors for the purposes of achieving a pressure greater than 45 barg and not exceeding 55 barg; and
- (f) **Total King's Lynn Flow** means [the rate (in mcmh) at which gas is flowing through the King's Lynn Compressors.

4.1.2 In consideration of the CSO agreeing to make payments to National Grid Gas in accordance with the Pressure Service Charges Agreement, National Grid Gas agrees that the Applicable Offtake Pressure for the purposes of the Network Code shall be in accordance with paragraphs 4.2 and 4.3.

4.1.3 Nothing in this paragraph 4 shall take effect as a warranty or undertaking of National Grid Gas to the CSO in respect of the pressure of gas made available for offtake from NGG System at the CSEP nor make National Grid Gas liable to the CSO for any failure of the gas made available for offtake to comply with the Applicable Offtake Pressure.

4.1.4 The CSO may from time to time advise National Grid Gas of a basis for operating the National Grid Gas System which (in the CSO's opinion) will minimise the amounts which the CSO is liable to pay to National Grid Gas pursuant to the Pressure Service Charges Agreement; and National Grid Gas agrees, but without any binding obligation to do so (and so that the terms of the Pressure Service Charges Agreement shall apply irrespective of whether National Grid Gas has done so), to take reasonable account of any such advice.

4.1.5 Notwithstanding the other provisions of this Agreement, the Operators shall cooperate with each other with a view to securing that, notwithstanding any fluctuation in the pressure or rate of flow of Exit Gas, the quantity shown in the prevailing Exit Flow Profile is offtaken from the National Grid Gas System at the CSEP, provided that this shall not require the CSO or National Grid Gas to incur any significant cost or to be in breach of any material provision of the Transportation Arrangements; and for the avoidance of doubt where such quantity is so offtaken National Grid Gas shall not be taken to have failed to make gas available at the Applicable Offtake Pressure.

#### **4.2 Applicable Offtake Pressure**

4.2.1 Pursuant to TPD Section J2.2.1 of the Network Code, for the purposes of TPD Section J2.1.1(b)(iii) of the Network Code, the pressure at which Natural Gas is made available for offtake at the CSEP is, except where the CSO has made a request under and in accordance with paragraph 4.2.3, 25 barg.

4.2.2 For the purposes of TPD Section J2.2.1 of the Network Code, which is treated as applying at the CSEP at the date of the [Restated Agreement], NGG Shippers will be taken to have been advised that the anticipated normal offtake pressure (as defined in the Network Code) is 45 barg.

4.2.3 Subject to paragraph 4.3 and 4.4, the Applicable Offtake Pressure shall be a pressure greater than 45 barg and not exceeding 55 barg, as the CSO may require by notice to National Grid Gas specifying such required pressure and given not later than 17:00 hours on Gas Day D-1.

#### **4.3 Exceptions**

4.3.1 The Applicable Offtake Pressure shall not be as required by the CSO in accordance with paragraph 4.2.3, and shall be such lesser pressure at which (in the relevant circumstances) it is feasible for National Grid Gas to make gas available for offtake at the CSEP, in any of the following circumstances:

- (a) where at any time on a Gas Day the Total King's Lynn Flow exceeds 42,000 MW Variable;
- (b) where for any reason, whether or not constituting a Force Majeure Event for National Grid Gas, one of the King's Lynn Compressors is not fully operational at the relevant time unless National Grid Gas has not acted as a Reasonable and Prudent Operator to secure the operation and maintenance of such Compressor;
- (c) where at any time on any Gas Day, there is an unplanned reduction in the prevailing rate at which gas is being delivered to the NGG System at System Entry Points in aggregate, as a result of which National Grid Gas experiences operational difficulties in achieving a pressure greater than 45 barg and not exceeding 55 barg;
- (d) where the rate of offtake (in mcmh) of Exit Gas exceeds the rate properly provided for in the prevailing Exit Flow Profile.

4.3.2 Where any of the foregoing circumstances apply, National Grid Gas will:

- (a) inform the CSO, as soon as reasonably practicable after the occurrence or commencement of such circumstances, of the reduced pressure at which it is able to make gas available for offtake;
- (b) provide to the CSO, no later than the Exit Close-out Date, reasonable details (including measurement data) of such circumstances.

4.3.3 For the purposes of paragraph 4.3.1(a) the reference to '42,000 MW Variable' is to such amount as derived from an amount in Cubic Metres at an assumed Gross Calorific Value of 38.9 MJ/Nm<sup>3</sup>; and where on any Gas Day the average Gross Calorific Value of gas offtaken from or delivered to the NGG System at the Connected System Point differs materially from such assumed value the MW amount shall be adjusted accordingly.

#### **4.4 Late Requested Pressure Increases**

4.4.1 If after 17:00 hours on Gas Day D-1, the CSO requests that the pressure of Exit Gas on Gas Day D should be greater than 45 barg, (whether or not the CSO has requested a pressure of up to 55 barg under paragraph 4.2.3) National Grid Gas will use reasonable endeavours to accommodate such request for increases in pressure to the extent that it can do so by utilising the King's Lynn Compressors and so that in accordance with the Network Code National Grid Gas shall have no liability to NGG Shippers in respect thereof.