To the Company Secretary:

Scotland Gas Networks plc (Company Number: SC264065)

Directions issued by the Gas and Electricity Markets Authority to Northern Gas Networks Ltd under the Special Conditions of its gas transporter licence in respect of the Annual Iteration Process for the GD1 Price Control Financial Model

WHEREAS

- 1. Scotland Gas Networks Plc ('the licensee') is the holder of a gas transporter licence ('the licence') granted under section 7 of the Gas Act 1986.
- 2. For the purposes of these directions:
 - (a) the expression 'Formula Year t' has the same meaning as is given to it in Special Condition 1A (Restriction of revenue in respect of the Distribution Network Transportation Activity: definitions) of the licence and references to Formula Year t-1 are to be construed accordingly; and
 - (b) Formula Year t is the Formula Year that commences on 1 April 2015 and ends on 31 March 2016 ('Formula Year 2015/16').
- 3. Special Condition 2B (Annual Iteration Process for the GD1 Price Control Financial Model) requires the Gas and Electricity Markets Authority to:
 - (a) carry out the Annual Iteration Process for the GD1 Price Control Financial Model; and
 - (b) direct the value of the term MOD for Formula Year t;

by 30 November in Formula Year t-1.

- 4. The following Special Conditions provide for the Authority to direct revised PCFM Variable Values for the licensee for the purpose of the Annual Iteration Process for the GD1 Price Control Financial Model which forms part of Special Condition 2A (Governance of the GD1 Price Control Financial Instruments) of the licence:
 - (a) Special Condition 1D (NTS Exit Capacity Cost Adjustment) in respect of AEx values;
 - (b) Special Condition 1F (Revenue adjustments for performance in respect of gas shrinkage and environmental emissions) in respect of ALSC values;
 - (c) Special Condition 3A (Legacy price control adjustments) in respect of LAR values, (and the component term values PAR, TAR, FAR, CAR, SAR, IFIAR and IAEAR) and LRAV values, (and the component term values FRAV, CRAV, MRAV and SRAV);
 - (d) Special Condition 3B (Determination of PCFM Variable Values for Totex Incentive Mechanism Adjustments) in respect of ALC, AOC, ACO and ARE values;
 - (e) Special Condition 3C (Specified financial adjustments) in respect of EDE, APFE, TTE, TGIE and CDE values;
 - (f) Special Condition 3D (The Innovation Roll-out Mechanism) in respect of IRM values;
 - (g) Special Condition 3E (Mains and Services Replacement Expenditure) in respect of RE values; and
 - (h) Special Condition 3F (Arrangements for the recovery of uncertain costs) in respect of IAECCB, IAEEPS, IAELLC, IAESW, IAESM, IAECA and IAEFP values.
- 5. Each of the Special Conditions referred to in paragraph 4:
 - (a) sets out the basis on which any revisions to relevant PCFM Variable Values are to be determined; and

- (b) where applicable, specifies the price control financial methodology in accordance with which revisions to the relevant PCFM Variable Value(s) are to be determined and the chapter of the GD1 Price Control Financial Handbook containing that methodology.
- 6. The reason for this direction is to revise the PCFM Variable Values as used in the Annual Iteration Process for the GD1 Price Control Financial Model (as each of those terms is defined in Special Condition 1A). The Annual Iteration Process is used to calculate values for the term MOD, that are used in the formulae set out in Special Condition 1B (Restriction of revenue in respect of the Distribution Network Transportation Activity).
- 7. In accordance with requirements set out in the Special conditions referred to in paragraph 4, on 13 November 2014 the Authority gave notice of the revised PCFM Variable Values that it proposed to direct by 30 November 2014 in Formula Year t-1 and specified that any representations concerning the proposed values should be made within fourteen days.
- 8. The Authority received no representations.

NOW the Authority pursuant to the provisions of the Special Conditions referred to in paragraphs 3 and 4, **HEREBY DIRECTS** that:

- the PCFM Variable Values referred to in paragraph 4 are to be revised as shown in Schedule 1 to these directions; and
- the term MOD for the licensee for Formula Year 2015/16 is to take the value £- 9.5 m.

Schedule 2 to these directions shows the complete PCFM Variable Values Table (as that term is defined in Special Condition 1A) including the values revised under these directions (in bold font) and the values that have not been revised under these directions.

This constitutes notice of the reasons for the Authority's decision pursuant to section 38A of the Gas Act 1986.

Ian Rowson

28 November 2014

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Associate Partner, Regulatory Finance, Duly authorised on behalf of the Gas and Electricity Markets Authority

Schedule 1 to Directions issued by the Gas and Electricity Markets Authority to Scotland Gas Networks plc dated 28 November 2014

| Scotland Gas Networks plc | Proposed Revised PCFM Variable Values | | | | | | | | | | | |
|---|---------------------------------------|----------------|----------------|----------------|----------------------------|----------------|----------------|----------------|--|--|--|--|
| PCFM Variable Value names and determination provision | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | | | | |
| AEX Special Condition 1D | 0.2 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| ALSC Special Condition 1F | 5.2 | No revision | No revision | No No revision | | No revision | No revision | No revision | | | | |
| LAR Parts A and B of Special Condition 3A | 2.4 | | | | | | | | | | | |
| LRAV Parts A and B of Special Condition 3A | 6.8 | | | | | | | | | | | |
| ALC Part B of Special Condition 3B | 18.6 | No revision | No revision | No revision | No revision | No revision | | | | | | |
| AOC Part B of Special Condition 3B | 6.9 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| ACO Part B of Special Condition 3B | 55.1 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| ARE Part B of Special Condition 3B | 42.6 | No revision | No revision | No revision | No No revision revision | | No revision | No revision | | | | |
| EDE Part A of Special Condition 3C | No revision | No revision | 5.9 | 5.9 | 5.9 | No No revision | | No revision | | | | |
| APFE Part A of Special Condition 3C | 0.5 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| TTE Part B of Special Condition 3C | No revision | No revision | -0.2 | No revision | No revision | No revision | No revision | No revision | | | | |
| TGIE Part B of Special Condition 3C | 0.0 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| CDE Part C of Special Condition 3C | No revision | No revision | 2.55% | No revision | No revision | No revision | No revision | No revision | | | | |
| IRM Part F of Special Condition 3D | No revision | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |

| Scotland Gas Networks plc | Proposed Revised PCFM Variable Values | | | | | | | | | | |
|---|---------------------------------------|----------------|----------------|---------------------------|----------------|----------------|----------------|----------------|--|--|--|
| PCFM Variable Value names and determination provision | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | | | |
| RE Part B of Special Condition 3E | 0.0 | No revision | No revision | No No revision | | No revision | No revision | No revision | | | |
| IAECCB Part D of Special Condition 3F | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | | |
| IAEEPS Part D of Special Condition 3F | No revision | No revision | No revision | No No revision revisio | | No revision | No revision | No revision | | | |
| IAELLC Part D of Special Condition 3F | No revision | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | |
| IAESW Part D of Special Condition 3F | No revision | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | |
| IAESM Part D of Special Condition 3F | No revision | No revision | No revision | No No revision | | No No revision | | No revision | | | |
| IAECA Part D of Special Condition 3F | No revision | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | |
| IAEFP Part D of Special Condition 3F | 2.7 | No revision | No revision | No revision | No revision | No revision | No revision | No revision | | | |

Scotland Gas Networks plc

Component term values used to determine the values for LAR and LRAV in the table above:

PAR = 0.1 TAR = 1.6 CAR = -0.4 FAR = 8.0 SAR = 0.0 IFIAR = 0.3 IAEAR= 0.0 CRAV = 3.3 MRAV = 0.0 FRAV = 3.5

0.0

SRAV =

Schedule 2 to Directions issued by the Gas and Electricity Markets Authority to Scotland Gas Networks plc dated 28 November 2014

PCFM Variable Values Table for Scotland Gas Networks Plc with values revised under the direction shown in bold font

| Input | | | | | | | | | | | | |
|--|-------------------|-----------------|-------------|----------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Scothard Parameter PCFM year ending | Licence condition | on <u>Units</u> | <u>Term</u> | Constant 31 Mar 2016 | nual values | 31 Mar 2015 | 31 Mar 2016 | 31 Mar 2017 | 31 Mar 2018 | 31 Mar 2019 | 31 Mar 2020 | 31 Mar 2021 |
| | | | | | | J | | J | 2010 | | | V |
| PCFM Variable Values Table | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Allowed percentage cost of debt | 3C | annual real % | CDE | | 2.92% | 2.72% | 2.55% | 2.55% | 2.55% | 2.55% | 2.55% | 2.55% |
| Actual load related capex | 3B | £m 09/10 prices | ALC | | 18.6 | | | | | | | |
| Actual other capex | 3B | £m 09/10 prices | AOC | | 6.9 | - | - | - | | | | |
| Actual controllable opex | 3B | £m 09/10 prices | ACO | | 55.1 | - | - | - | | | | |
| Actual replacement expenditure | 3B | £m 09/10 prices | ARE | | 42.6 | | | | | | | |
| Allowed uncertain costs (Enhanced physical site security) | 3F | £m 09/10 prices | IAEEPS | | | - | | - | | - | | |
| Allowed uncertain costs (Specified street work costs) | 3F | £m 09/10 prices | IAESW | | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Allowed uncertain costs (Connection charging boundary change cost | ts) 3F | £m 09/10 prices | IAECCB | | | - | - | - | | | | |
| Allowed uncertain costs (Fuel poor network extension scheme) | 3F | £m 09/10 prices | IAEFP | | 2.7 | 2.5 | 2.3 | 2.3 | 2.1 | 2.1 | 2.1 | 2.0 |
| Allowed uncertain costs (Central agent) | 3F | £m 09/10 prices | IAECA | | | - | | - | | - | | |
| Allowed uncertain costs (Smart metering roll out costs) | 3F | £m 09/10 prices | IAESM | | | - | - | - | | | | |
| Allowed uncertain costs (Mains and services replacement expenditu | e) 3E | £m 09/10 prices | RE | | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Allowed uncertain Costs (Large load connection costs) | 3F | £m 09/10 prices | IAELLC | | | | - | - | - | - | | |
| Allowed innovation roll-out mechanism | 3D | £m 09/10 prices | IRM | | | - | | - | | - | | |
| NTS Exit Capacity costs | ID | £m 09/10 prices | AEx | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Shrinkage costs | IF | £m 09/10 prices | ALSC | | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 |
| Tax liability allowance adjustments - gearing/interest costs | 3C | £m nominal | TGIE | | 0.0 | | - | - | - | - | | |
| Tax liability allowance adjustments - driven by tax trigger events | 3C | £m 09/10 prices | TTE | | | - | (0.2) | - | - | - | - | - |
| Pension scheme administration and Pension Protection Fund Levy | 3C | £m 09/10 prices | APFE | | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Pension scheme deficit revenue allowances | 3C | £m 09/10 prices | EDE | | 6.8 | 6.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| Legacy price control allowed revenue adjustment | 3A | £m 09/10 prices | LAR | | 2.4 | | | | | | | |
| Legacy price control RAV additions adjustment | 3A | £m 09/10 prices | LRAV | | 6.8 | | | | | | | |