

Modification 0519 - text to be inserted into EID Section A

1.5 Reference temperatures at Interconnection Points

1.5.1 For the purposes of the Code:

- (a) any value for a volume of gas flowing at an Interconnection Point is expressed on the basis that, in the definition of Cubic Metre in GT Section C3.2.1, the reference temperature is 0°C rather than 15°C;
- (b) any value for the calorific value of gas flowing at an Interconnection Point is expressed on the basis that, in the definition of calorific value in GT Section C3.2.1, the reference temperature is 25°C rather than 15°C;

and in relation to Interconnection Points GT Section C3.2.1 is modified accordingly; and for the purposes of this paragraph 1.5 (in the relation to the definitions of Cubic Metre and calorific value) **Code Reference Conditions** means the reference temperatures in GT Section C3.2.1, and **Europe Reference Conditions** means the reference temperatures in paragraph (a) and (b) above.

1.5.2 For the purposes of the Code, in relation to any quantity at an Interconnection Point expressed in kWh, including:

- (a) an amount of Interconnection Point Capacity in kWh/Day;
- (b) a Nomination Quantity or Nominated Quantity, under an Interconnection Point Nomination, in kWh;
- (c) a quantity of gas flowing or treated as flowing in any period at an Interconnection Point, including a Measured Quantity (as referred to in Section D) at an Interconnection Point (but subject to paragraph 1.5.8), and an Entry Point Daily Quantity Delivered and a CSEP Daily Quantity Offtaken, in kWh;
- (d) a rate of flow an Interconnection Point, in kWh/hour or kWh/Day;
- (e) a quantity allocated to a User at an Interconnection Point as UDQI or UDQO in kWh

the amount of gas which comprises 1 kWh is determined on the basis of the Europe Reference Conditions, but subject to paragraph 1.5.4.

1.5.3 It is acknowledged that for the purposes of the provisions of the Code in relation to energy balancing, quantities are expressed in kWh on the basis that the amount of gas comprising 1 kWh is determined on the basis of the Code Reference Conditions; and paragraph 1.5.4 applies for the purposes of ensuring that quantities allocated to Users (as UDQIs and UDQOs) at Interconnection Points are treated on a like-for-like basis with UDQIs and UDQOs in respect of all other NTS Entry Points and NTS Exit Points for the purposes of energy balancing.

1.5.4 For the purposes set out in paragraph 1.5.5 only, the UDQI or UDQO of a User in respect of an Interconnection Point for any Day, as determined in accordance with EID Section D and TPD Section E, shall be adjusted by the conversion factor specified in paragraph 1.5.6; and references in the provisions of the Code specified in paragraph 1.5.5 to an UDQI or UDQO in respect of an Interconnection Point is to the UDQI or UDQO as so adjusted.

- 1.5.5 Paragraph 1.5.4 applies in relation to:
- (a) the determination of a User's Daily Imbalance in accordance with TPD Section E5.1;
and
 - (b) the determination of the Balancing Neutrality Charge and Unit Daily Neutrality Amount in accordance with TPD Section F4.
- 1.5.6 For the purposes of paragraph 1.5.4 the conversion factor is 0.9990, which is assumed and agreed to represent the amount of gas comprised in 1 kWh determined on the basis of the Europe Reference Conditions as a proportion of such amount determined on the basis of the Code Reference Conditions.
- 1.5.7 Except as provided in paragraph 1.5.5 and subject to paragraph 1.5.8, no other adjustment shall be made (to any UDQI or UDQO or other quantity) and no other account shall be taken for the purposes of the Code in relation to an Interconnection Point in respect of the difference between the Europe Reference Conditions (applying at the Interconnection Point pursuant to paragraph 1.5.1 and 1.5.2) and the Code Reference Conditions; and in particular no such adjustment shall be made for the purposes of any provision of the Code relating to System Capacity at an Interconnection Point (including determining amounts of Technical Interconnection Point Capacity).
- 1.5.8 For the purposes of determining the Daily Shrinkage Quantity for a Day in respect of the NTS, National Grid NTS may determine the Total Daily System Quantity (referred to in TPD Section N1.4.2) either by adjusting the Measured Quantity at an Interconnection Point by the conversion factor in paragraph 1.5.6 or by using a measured quantity determined on the basis of the Code Reference Conditions.
- 1.5.9 This paragraph 1.5 shall not apply in relation to an Interconnection Point where pursuant to the Interconnection Agreement (and with the approval of the Authority) National Grid NTS agrees with the Adjacent TSO to use the Code Reference Conditions.