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CCS001 LEGAL TEXT V1.2

About this document

This document contains the redlined changes to the CCS Network Code that would be required to deliver CCS001 'Clarification of CO_2 venting between Metering Point and Delivery Point'.

These changes have been drafted against Version 1.1 of this Code.

This document contains the changes required to deliver the Proposed Solution.

Section F 'Network Design and Specification'

These changes have been redlined against Section F Version 1.1.

Amend Section F 10.11 as follows:

10.11 Except in the case of a Downstream Venting Event, ~~T~~the User must ensure that any carbon dioxide flowing through the Metering Point is subsequently delivered by the User at the Delivery Point, and that no carbon dioxide is off-taken or added by the User or any other party between the Metering Point and the Delivery Point.

Add Section F 10.12 as follows:

10.12 Where:

(a) in accordance with the provisions of paragraphs 4.1 to 4.12 a User is required to cease delivery of Non-Compliant CO_2;

(b) at the time when the User is required to commence any procedures to cease delivery of Non-Compliant CO_2 (whether in whole or in part, as the case may be), there is Non-Compliant CO_2 in the pipeline infrastructure between the Metering Point and the Delivery Point; and

(c) the only technically viable way for the User to comply with the obligations referred to in paragraph 10.12(a) is to vent the Non-Compliant CO_2 referred to in paragraph 10.12(b),

Or

(d) the User needs to remove carbon dioxide from the pipeline infrastructure between the Metering Point and the Delivery Point for the purpose of routine or emergency maintenance,

then the User is permitted to vent carbon dioxide from a Downstream Vent (referred to here as a "Downstream Venting Event"), provided that in carrying out the Downstream Venting Event the User, acting as a Reasonable and Prudent Operator:

(i) must not vent more carbon dioxide than is required to comply with the obligations referred to in paragraph 10.12(a) to 10.12(d), being the quantity of carbon dioxide contained and isolated in the section of the pipeline infrastructure between the Metering Point and the Delivery Point at the time of the Downstream Venting Event; and

(ii) may remove a quantity of carbon dioxide that is compliant with the Entry Provisions in addition to the Non-Compliant CO_2, but only to the extent required to purge any residual impurities as part of the Non-Compliant CO_2 venting process.

Add Section F 10.13 as follows:

10.13 Where a User has a Downstream Vent, the User must;

(a) only use the Downstream Vent for the purpose described in paragraph 10.12; and
(b) design the Downstream Vent to minimise the risk of leakage of carbon dioxide and ensure that the risk of leakage of carbon dioxide due to the presence of a Downstream Vent or a temporary vent connection point remains minimal during normal operations.

Add Section F 10.14 as follows:

10.14 Where the User has carried out a Downstream Venting Event, the User must;

(a) notify the T&SCo when the Downstream Venting Event is complete and the User is able to recommence delivery of carbon dioxide in compliance with the Entry Provisions;
(b) determine the quantity of carbon dioxide vented (the "Vented Quantity"), expressed in tCO_2, using a method that is compliant with ETS Legislation and Guidance and is documented in the Isolation Procedure;
(c) as soon as reasonably practicable and in any event no later than twenty-four (24) hours after the end of the Downstream Venting Event, provide to the T&SCo:
    i. the Vented Quantity; and
    ii. a statement confirming that the Vented Quantity has been prepared in accordance with the method documented in the Isolation Procedure;
(d) provide to the T&SCo all information reasonably required (in accordance with the Isolation Procedure) by the T&SCo to enable the T&SCo to:
    i. comply with its obligations under the ETS Legislation and Guidance; and
    ii. determine the ETS Liabilities, with respect to the carbon dioxide that has been vented.

Add Section F 10.15 as follows:

10.15 T&SCo will notify the Vented Quantity to the CDS within two (2) Business Days of receipt of it from the User.

Section H 'Charges, Invoicing and Payment'

These changes have been redlined against Section H Version 1.1.

Amend Section H 21.2 as follows:

21.2 No later than five (5) Business Days after the last Day of a Billing Period, the T&SCo must submit to each User:

(a) the Processed Flow Meter Data Statement, setting out the Processed Flow Meter Data (as adjusted to take into account any Vented Quantities) which:

(i) relates to the actual quantity of carbon dioxide:

(A) delivered by the User into the T&S Network during that Billing Period; and

(B) where the User is being provided with the Re-use Service, taken from the T&S Network during that Billing Period; and

(ii) has been used to calculate the Onshore Flow Charge, the Offshore Flow Charge and the Re-use Service Charge (if applicable) payable by the User in relation to that Billing Period; and

(b) the Invoice Document.

Amend Section H 22.1 as follows:

H22.1 For each Billing Period, the Invoice Document submitted by the T&SCo to each User under paragraph 21.2 must separately identify the following:

(a) the Onshore Flow Charge (if applicable);
(b) the Offshore Flow Charge;
(c) the Re-use Service Charge (if applicable);
(d) the Onshore Capacity Charge (if applicable);
(e) the Offshore Capacity Charge;
(f) the Onshore Network Charge (if applicable);
(g) the Offshore Network Charge; and
(h) the costs of any ETS Liabilities that the User is liable for pursuant to paragraph 4.7 of Section J (General); and
(i) any other charges or amounts that may become due and payable under the Code or any Ancillary Agreement.

Amend Section H 27 as follows:

27. Consequences of resolution of Flow Meter Errors and CDS Data Disputes and notification of any Vented Quantities

27.1 Where:

(a) a CDS Data Dispute has been finally resolved in accordance with Expert Determination under paragraph 51 of Section B (Governance); or

(b) a Flow Meter Error has been finally resolved in accordance with Section F (Network Design and Specification),

the T&SCo must instruct the CDS to re-process the applicable data (including any new data provided pursuant to paragraphs 11.1, 13.1 or 13.2 of Section F (Network Design and Specification)) for the relevant Billing Period and re-issue the Processed Flow Meter Data Statement for the relevant Billing Period(s) within ten (10) Business Days of being notified of the outcome of the CDS Data Dispute or the Flow Meter Adjustment, as the case may be.

27.2 ~~Upon being re-issued with a Processed Flow Meter Data Statement pursuant to paragraph 27.1, the T&SCo must, within five (5) Business Days, re-submit the Invoice Document(s) to the User in accordance with paragraph 21.~~

Where the T&SCo has notified a Vented Quantity to the CDS pursuant to paragraph 10.15 of Section F (Network Design and Specification), then:

(a) where the Vented Quantity is notified to the CDS before the end of the Billing Period in which the Vented Quantity was vented, the T&SCo must instruct the CDS to take the Vented Quantity into account when preparing the Processed Flow Meter Data Statement for that Billing Period; or

(b) where the Vented Quantity is notified to the CDS after the end of the Billing Period in which the Vented Quantity was vented, the T&SCo must instruct the CDS to take the Vented Quantity into account and re-issue the Processed Flow Meter Data Statement for the relevant Billing Period within ten (10) Business Days of being notified of the Vented Quantity.

27.3 Upon being re-issued with a Processed Flow Meter Data Statement pursuant to paragraph 27.1 or paragraph 27.2 (b), the T&SCo must, within five (5) Business Days, re-submit the Invoice Document(s) to the User in accordance with paragraph 21.

Section J 'CDS Terms of Reference'

These changes have been redlined against Section J Version 1.1.

Amend J4.7 as follows:

4.7 Where:

(a) a fault or damage in the infrastructure owned by a User between the Metering Point and the Delivery Point arises and:

i. such fault or damage results in carbon dioxide losses by way of leakage and/or venting;

ii. a T&SCo ETS Liability arises as a result of such leakage and/or venting; and

iii. the T&SCo establishes (pursuant to its investigation and audit rights under Section F (Network Design and Specification) that such fault or damage arose on the infrastructure on the side of the Delivery Point owned by the User; or

(b) a User has vented carbon dioxide through a Downstream Vent in accordance with the provisions of paragraph 10.12 of Section F and a T&SCo ETS Liability arises as a result of the Downstream Venting Event,

such User shall be liable to compensate the T&SCo for all costs associated with such ETS Liabilities.

Section K 'Glossary'

These changes have been redlined against Section K Version 1.1.

Add the following definitions to Section K 'Glossary'

Downstream Venting Event	has the meaning given in paragraph 10.12 of Section F (Network Design and Specification).
Downstream Vent	means a vent (whether temporarily or permanently installed) located in any pipeline infrastructure owned by a User between the Metering Point and the Delivery Point.
ETS Legislation and Guidance	means the Greenhouse Gas Emissions Trading Scheme Order 2020 and any other legislation and guidance relating to the UK Emissions Trading Scheme established under that Order, including any guidance on measurement and reporting.
Vented Quantity	has the meaning given in paragraph 10.14(b) of Section F (Network Design and Specification).

Annexure H 'Isolation Procedure Terms of Reference'

These changes have been redlined against Section Annexure H Version 1.1.

Amend Annexure H 'Isolations relating to Non-Compliant CO_2' as follows:

Isolations relating to Non-Compliant CO2

(c) detail the responsibilities of T&SCo and User(s) relating to isolation in the event that carbon dioxide has been confirmed as Non-Compliant CO_2 in accordance with the Entry Provisions, including setting out the role of the CO_2 Quality Monitoring Procedure in complying with this isolation procedure;

(d) require the T&SCo to have regard to:

(i) the findings of monitoring responses (as defined in the CO_2 Quality Monitoring Procure); and

(ii) the timeframes in which the findings are expected to be delivered,

to inform risk based decisions on the timeframes for completion of any isolation and the duration of any temporary consent by the T&SCo for the User to continue to flow carbon dioxide, notwithstanding any suspected or actual Non-Compliant CO_2 being confirmed, pending further monitoring information becoming made available by the User;

(e) require the T&SCo to have regard to:

(i) historical data of a User's carbon dioxide flow; and

(ii) the expected variability of a User's carbon dioxide flow,

in determining whether to require full or partial cessation of flow of carbon dioxide through a Delivery Point;

(f) detail the communication requirements and process relating to carbon dioxide flow where the User has notified the T&SCo that it has reason to believe that there will be a temporary deviation of a component of carbon dioxide that might result in Non-Compliant CO_2, having regard to the consequences of a full or partial cessation of flow of carbon dioxide when compared to the potential impact on the T&S Network and value for money resulting from such carbon dioxide being delivered to the T&S Network, including details of:

(i) any requirements for increased monitoring under the CO_2 Quality Monitoring Procedure; and

(ii) any other conditions relating to carbon dioxide flow following the issue of such notice,

until compliance with the Entry Provisions is demonstrated in accordance with the CO_2 Quality Monitoring Procedure;

(g) detail the communication requirements and process relating to resumption of carbon dioxide flow:

(i) following confirmation that carbon dioxide is no longer Non-Compliant CO_2 in accordance with the Entry Provisions; and

(ii) where a User has requested to resume flow of carbon dioxide to the Delivery Point where the User can demonstrate to the T&SCo's reasonable satisfaction that, having regard to historical data in the absence of confirmation that carbon dioxide is no longer Non-Compliant CO_2, the User's carbon dioxide complies with the Entry Provisions; and

(h) not require Users to take delivery of carbon dioxide from the T&S Network or vent or purge carbon dioxide that has passed through the Delivery Point and entered the T&S Network;

Downstream Venting Events

(i) set out;

(i) a method that is compliant with ETS Legislation and Guidance for obtaining the Vented Quantity; and

(ii) any data reporting requirements associated with this method.

Annexure L 'CDS Terms of Reference'

These changes have been redlined against Annexure L Version 1.1.

Amend Section 5.6 'Data Processing' as follows:

5.6 The CDS will process any Flow Meter Adjustment as determined under paragraph 13.3 of Section F (Network Design and Specification) and any Vented Quantity notified to it under paragraph 10.15 of Section F (Network Design and Specification).