

### Business Rules (A) – Daily Read Equipment M4.1

The following business rules provide a brief summary of the proposed Network Code provisions for Daily Read Equipment. Further to a review of the existing rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: REVISED TO REFLECT THE CHANGES IN RESPONSIBILITY FOR DAILY READ EQUIPMENT AND ASSOCIATED PROVISIONS THAT WILL ALLOW INSTALLATION AND MAINTENANCE OF DAILY READ EQUIPMENT TO THE SUPPLY METER INSTALLATION.**

**NEW PROVISIONS TO INCLUDE USER OBLIGATIONS TO PROCURE PERMISSION TO INSTALL DRE FACILITATE ACCESS FOR MAINTENANCE, ETC AND PROVIDE A SUITABLE SITE FOR THE DAILY READ EQUIPMENT.**

**REASON:** Transco will be responsible for the installation, provision and maintenance of Daily Read Equipment and requires access to the Supply Meter Installation for such purposes.

**DEPENDENCIES:** M4.2 Daily Meter Readings (see Business Rule B).

**M4.4 Failure to Obtain Meter Readings (see Business Rule C).**

1. For the purposes of the Network Code 'Daily Read Equipment' is Equipment of a design and manufacture specified by Transco which enables Meter Readings to be obtained by Transco remotely at set intervals. ***(Network Code Reference M4.1.1 – Unchanged)***.
2. Daily Read Equipment comprises:
  - a. A device for capturing from the Supply Meter, and/or (where installed) a corrector, data which constitutes or permits the derivation of a Meter Reading and
  - b. A telephone line or radio transmitter and/or such other equipment as shall be required for transmitting such data to Transco in accordance with the formats in the UK Link Manual. ***(Network Code Reference M4.1.2 – Unchanged)***.
3. Daily Read Equipment is required to be designed to be capable of enabling Meter Readings to be obtained at intervals of 6 minutes and greater and having the intervals at which the Meter Reads are obtained set remotely (by the equipment as defined in (2b)). ***(Network Code Reference M4.1.3 – Remove – specific DRE performance provisions unnecessary)***.
4. Daily Read Equipment may (if installation designed is capable) be installed in connection with more than one Supply Meter at a single Supply Point Premises. ***(Network Code Reference M4.1.4 – Unchanged)***.
5. Unless otherwise agreed between Transco and a User pursuant to business rule H Section G6.10, Transco will have sole entitlement and responsibility for furnishing, installing, removing, making operational and maintaining Daily Read Equipment (including any connection or reconnection of such equipment to the Supply Meter Installation). ***(Network Code Reference M4.1.5 – Revised to exclude reference to M2.2 provisions as these are being removed and to clarify Transco's obligations for connecting or disconnecting Daily read Equipment)***.

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6. Transco will replace any part of the Daily Read Equipment where such replacement is necessary as a result of failure (including by reason of damage, normal wear and tear or defective design manufacture). **(Network Code Reference – Retain).**

7. The Registered User will take reasonable steps to secure that Daily Read Equipment is not damaged or otherwise mistreated. **(Network Code Reference – New Provisions).**

8. Where Transco furnishes or has furnished Daily Read Equipment, with effect from the date when the Supply Meter Point becomes a DM Supply Meter Point, the Registered User shall (unless the costs thereof has been paid pursuant to a Siteworks Contract) pay the appropriate charges in accordance with the Metering Charges Statement.

**(Network Code Reference M4.1.6 – Unchanged).**

9. Daily Read Equipment installed at a Supply Meter Point will be treated as being operational (for the purposes of Daily Read Meters M1.3) with effect from the later of:

i) The Day on which Transco notifies the Registered User that the equipment is operational, and

ii) The first Day on which Transco provides to the User a Valid Meter reading obtained by the equipment. **(Network Code Reference M4.1.7 – Unchanged).**

10. Where a New Supply Meter Point has been classified as DM Supply Meter Point (in accordance with G1.5.13), Transco will as soon as reasonably practicable furnish, install, make operational and maintain Daily Read Equipment at the relevant Supply Meter and will inform the Registered User when Daily Read Equipment has been installed and made operational. In the event of undue delay being experienced, Transco will:

promptly inform the Registered User of the nature of the delay and of an expected timescale for resolution. Transco will also ensure that the Registered User is regularly advised of progress and promptly notified when DRE has been installed and made operational.

Where practicable, where for reasons within Transco's control, e.g. unavailability of conventional DRE and not for reason of act or omission by any other party install a radio transmitter for transmitting such data to Transco subject to the availability of a suitable site at the Supply Point Premises and suitable support, protection and security as may be required.

**(Network Code Reference M4.1.8 – Removed reference to M2 provisions. Rectify typo 'make operational'. Revised to reflect requirements of Transco to ensure that the Registered is informed when delay is being experience in installing DRE) and to reflect that Transco will install a cellular (GSM) datalogger where undue delay in DRE installation (due to act or omission by Transco) is being experienced.**

11. The Registered User will procure permission for Transco to install and make operational Daily Read Equipment at the Supply Meter Installation and will facilitate inspection and maintenance by Transco as shall be required for the purposes of keeping such equipment operational (including any requirement for resynchronisation and/or adjustment) and shall procure that a suitable site including support, protection and security for the Daily Read Equipment is available at the Supply Point Premises: **(Network Code Reference – New Provisions).**

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## **Business Rules (B) – Daily Meter Readings M4.2**

The following business rules provide a brief summary of the proposed Network Code provisions for Daily Meter Readings. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

### **IMPACTS: REVISED TO INCLUDE NEW PROVISIONS TO ALLOW ACCESS TO THE SUPPLY METER INSTALLATION.**

### **NEW PROVISIONS INCLUDED FOR DETERMINING DAILY METER READINGS.**

**REASON:** Transco will require access to the Supply Meter Installation for the purposes of installing and maintaining Daily Read Equipment to procure Daily Readings and providing these to Users.

**Transco will require contingency measures for determining a Daily Reads where the Supply Meter Installation and or Daily Read Equipment has failed or is not available**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A)  
M4.4 Failure to Obtain Meter Readings (see Business Rule C)**

1. Where a Supply Meter is Daily Read:

- a) Transco will obtain (and the User authorises Transco to obtain) by means of the Daily Read Equipment (where this is operational) a Meter Reading for the start and for the end of each Day;
- b) Transco may also obtain Meter Readings at other times within the Day. **(Network Code Reference M4.2.1 – Unchanged).**

2. Transco is responsible for validation of the Meter Readings in accordance with the Network Code Validation Rules. **(Network Code Reference M4.2.2 – Unchanged).**

3. In respect of a Daily Read Supply Meter:

- a) Daily Meter Readings for a day are Meter Readings obtained by Transco in accordance with (1a) for the start and for the end of each Day;
- b) Subject to (c) and the provisions relating to Daily Read Errors, Valid Meter Readings are Daily Meter Readings which have been subject to (and not rejected by) the Network Code Validation Rules and are provided to the User in the relevant format as defined in the UK Link Manual;
- c) The Daily Meter Reading for the start of a Day will not be a Valid Meter Reading if it differs from the Valid Meter Reading for the end of the preceding Day.
- d) Users will pay appropriate charges in accordance with the Meter Reading Charges Statement in respect of such Daily Meter Readings obtained by Transco. **(Network Code Reference M4.2.3 – Unchanged).**

4. In respect of a DM Supply Meter Point classified in accordance with G1.5.13, where Transco is unable to procure Daily Reads by reason of failure or non-availability of the Supply Meter Installation

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and/or the Daily Read Equipment, Transco shall use all reasonable endeavours to obtain Meter Readings by procuring On-Site Meter Reads, for each Day commencing with the Supply Point Registration Date; and the Registered User shall cooperate with Transco in relation thereto.

**(Network Code Reference M4.2.4 – Unchanged).**

5. When the Supply Meter at the DM Supply Meter Point classified in accordance with G1.5.13 becomes a Daily Read Supply Meter Transco will obtain Meter Readings in accordance with paragraph 4.2.1.

**(Network Code Reference M4.2.5 – Unchanged)**

6. Where Transco is unable to obtain Meter Readings as defined for the Supply Point Registration Date or for any of the six consecutive Days after then for each Day for which Meter Readings are not obtained the Metered Quantity shall be deemed to be the Annual Quantity for the DM Supply Point divided by 365, and the Metered Volume determined (by reference to the relevant calorific value) accordingly, but thereafter paragraph 4.4. shall apply as though a Meter Reading obtained under paragraph 4.2.4 were a Valid Meter Reading obtained from Daily Read Equipment.

**(Network Code Reference M4.2.6 – Unchanged).**

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**Business Rules (C) – Failure to Obtain Meter Readings M4.4**

The following business rules provide a brief summary of the proposed Network Code provisions for Failure to Obtain Meter Readings. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: Minor amendments to include provision in the event of insufficient read history being available as may be the case at a New Supply Meter Point.**

**REASON: The process for provision of DM Reads for Daily Read Equipment/Supply Meter Installation failures will still be required.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A)**  
**M4.2 Daily Meter Readings (see Business Rule B)**

1. Subject to the provisions for Daily Read Errors, Valid Meter Readings for a Day obtained from the Daily Read Equipment at any time up to and including the Exit Close Out Date will be used for determining the Metered Volume and Metered Quantity Calculation. **(Network Code Reference M4.4.1 – Unchanged).**

2. Where for any Day (Failed Daily Read Day) Valid Meter Readings are not obtained by the Exit Close Out Date:

a) The Metered Volume for the Failed Daily Read Day shall (regardless as to whether the Supply Meter Point comprised in an Interruptible Supply Point and interruption was required on the Day or the same Day of the preceding week) be assumed to be the same as the Metered Volume (whether determined under paragraph 4.3(i) or this paragraph 4.4.2) as the same Day in the immediately preceding week.

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***(Network Code Reference M4.4.2 – Unchanged except to correct typo in line 2 of whether and incorrect existing reference in line 5 - 4.3.1 should be 4.3(i).***

3. Where there is a Failed daily Read Day, except in the circumstances in 5 (a), irrespective of the Metered Quantity derived from the assumed Metered Volume determined in (2), the Day shall not be a Ratchet Day. ***(Network Code Reference M4.4.3 – Unchanged)***.

4. Where a Day is a Failed Daily Read Day, upon restoration of the Daily Read Equipment (subject to the provisions in respect of Meter Error), Transco will determine:

a) The volume offtaken on the Day, by reference to a Valid Meter Reading then obtained as defined in (4).

b) For the purposes of DM Reconciliation, the amount (Failed Daily Read Volume) determined in (2) is greater (such amount shall be positive) or less (such amount shall be negative) than the volume determined under (a). ***(Network Code Reference M4.4.4 – Unchanged)***

5. For the purposes of (3a) where

i) The reason for the earlier failure to obtain Valid Meter Readings for the Failed Daily Read Day was the failure of that part of the Daily Read Equipment defined in M4.1.2 (ii) i.e. telephone line or radio transmitter and

ii) Accordingly, Valid Meter Readings are later obtained for the Failed Daily Read Day,

The volume offtaken on the Day shall be the Metered Volume determined on the basis of such Valid Meter Readings;

a) Except as provided in 4(a)&(b)

- The Metered Volume for the period of all consecutive Failed Meter Read Days will be determined (on the basis of the Valid Meter Reading obtained from the start of the first such Day and for the end of the last Day (as provided in the section relating to metered volume and metered quantity calculation) or section (a) above;

b) Such Metered Volume will be apportioned between such Days in the proportions of the assumed Metered Volumes as defined in (2). ***(Network Code Reference M4.4.5 – Unchanged)***.

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**Business Rules (D) – DM Check Read M4.7**

The following business rules provide a brief summary of the proposed Network Code provisions for DM Check Readings. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: REVISED TO REFLECT THAT PROVISIONS IN M4.7.2 ARE SUPERFLOUOUS AND ARE CAPTURED ELSEWHERE**

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**REASON: Provisions proposed elsewhere for Transco to access the Supply Meter Installation for DM Check Read purposes.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A).  
M4.2 Daily Meter Readings (see Business Rule B).**

1. Transco will at intervals of approximately 12 months or as soon as reasonably practicable following a Supply Meter point first becoming a Shared Supply Meter Point and may on other occasions on which it undertakes an inspection, repair or maintenance of the Daily Read Equipment arrange an On-Site Meter Read (DM Check Read) for each Daily Read Supply Meter. **(Network Code Reference M4.7.1 – Unchanged).**

2. The Registered User shall use best endeavours to secure that Transco is given access to the Supply Point Premises and the Supply Meter Installation as it reasonably requires to undertake a DM Check Read. **(Network Code Reference M4.7.2 – To be removed provisions to be captured in general provisions relating to access (see business rule A – item 11 & 12)).**

3. In respect of any DM Check Read the Metered Volume will be determined by reference to the period to the date of the Meter Read from the date of the preceding DM Check Read. **(Network Code Reference M4.7.3 – Unchanged).**

4. Where the Metered Quantity from a DM Check Read differs from the previous Metered Quantities for each Day of the period for more than 100,000 kWh (3,413 therms per annum), Transco will notify the Registered User:

a) The amount of the difference and

b) For each Day in the period a part (the DM Reconciliation Volume shall be positive where the previous Metered Quantity exceeds the Metered Quantity for the DM Check Read, and otherwise negative) of the amount determined in (a) in accordance with (5). **(Network Code Reference M4.7.4 – Unchanged).**

5. For the purposes of 4(b) the amount determined under 4(a) will be Apportioned to Days in the relevant period in the same proportions as the Metered Volumes determined for such Days as defined in the rules for Daily Meter Readings and Failure to obtain meter readings. **(Network Code Reference M4.7.5 – Unchanged).**

6. DM Reconciliation in respect of the DM Check Reconciliation Volume for each Day will be carried out in accordance with the rules for DM Reconciliation **(Network Code Reference M4.7.6 – Unchanged).**

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**Business Rules (E) – Daily Read Errors M4.8**

The following business rules provide a brief summary of the existing Network Code provisions for Daily Read Errors. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: Revised to reflect changes in responsibility for the Supply Meter Installation.**

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**REASON: The provisions for Daily Read Errors are unchanged as these relate to the errors resulting from failures of Daily Read Equipment.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A).  
M4.2 Daily Meter Readings (see Business Rule B).**

1. For the purpose of these rules:

a) There is a Daily Read error in respect of Daily Read Supply Meter on a Day where, by reason of the Daily Read Equipment not functioning correctly and not by reason of any failure of any part of the Supply Meter Installation, the volume of gas which is determined on the basis of the Daily Meter Readings provided by Transco to the User differs from the metered consumption;

b) 'Metered consumption' is the volume of gas which was offtaken from the System at the Supply Meter Point on the Day, as registered by the Supply Meter and any corrector (not what is determined as the Daily Read from the Daily Read Equipment)

c) Where a Supply Meter Installation includes a corrector, the reference to volume is that corrected by temperature and /or pressure

d) Daily Read Equipment functions correctly within a tolerance of 1%

e) A reference to Daily Read Equipment shall include a reference to the elements of UK Link by which messages sent by the Daily Read Equipment located at the Supply Point Premises are processed and sent to the Registered User. (**Network Code Reference M4.8.1 - Unchanged**).

2. In respect of any Day (Daily Read Error Day) other than a Failed Daily Read Day, a User may have until 5th Day after the Day on which Transco provided to the User the Daily Meter Readings in respect of a Relevant Daily Read Supply Meter, give notice 'Daily Read Error Notice' to Transco:

- To the effect that (notwithstanding Validation) the User considers that there was a Daily Read Error Day; and
- Specifying the volume (User Volume Estimate) which the User considers to have been the metered consumption on the Day. (**Network Code Reference M4.8.2 – Unchanged**).

3. Where the User gives a Daily Read Error Notice:

a) Transco will as soon as reasonably practicable and wherever possible within 3 Business Days after the notice, ascertain whether the elements of UK Link referred to in (1) are functioning correctly, and (if they are) visit and (subject to being given sufficient access to the Supply Meter Installation and/or Daily Read Equipment) inspect the Daily Read Equipment;

b) Upon or as soon as reasonably practicable after its inspection, Transco will provide to the User a notice stating:

i) Whether in Transco's judgement the Daily Read Equipment is functioning correctly; and

ii) Where in its judgement the Daily Read Equipment is not functioning correctly, Transco's estimate (Transco Volume Estimate) in accordance with (4) where

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applicable, and after taking account of the User Volume Estimate, of what was the metered consumption for the Daily Read Error Day, and the basis for its estimate: If repair/ fault correction of the DRE is not possible at the same time as the inspection, Transco will correct the problem with the DRE as soon as is practicable following the inspection.

c) Notwithstanding the Daily Read Error Notice and the notice referred to in (b) the volume determined by reference to the Daily Meter Readings will be used to determine the Users UDQO for the purposes of Code;

d) Subject to the above and unless agreed otherwise Transco's statement referred to in (b) will be final and its estimate will apply for the purposes of M4.8.10 (determining UDQO's) unless the User gives notice (Rejection Notice) to Transco within 5 Business Days after Transco's notice that the User does not accept Transco's judgement in (b)(i) or estimate in (b) (ii).

e) Upon Transco receiving such notice, it will enter into dialogue with the User. If resolution is not promptly achieved and in any event within five Business Days, Paragraph 6 will apply. ***(Network Code Reference M4.8.3(a) - Revised to include 'subject to being given sufficient access to the Supply Meter Installation and /or Daily Read Equipment'. Revise provisions in e).***

4. Where the Daily Read Equipment is found not to be functioning correctly and it cannot be established from when, unless Transco and the User otherwise agree it shall be assumed (for the purposes of estimating the metered consumption for the Daily Read Error Day) that the equipment started to malfunction half way through the period when it was last inspected by Transco to the Day of Transco's inspection as defined in (3)(a). ***(Network Code Reference M4.8.4 - Unchanged).***

5. The costs and expenses incurred by Transco in carrying out the inspection as defined in 3(a) shall be borne:

a) By the User if the User Volume Estimate differs from the volume determined by the reference to the Daily Meter Reading by less than 10%

b) Except as provided above

- Where the User did not give a rejection notice:

i) By the User where in Transco's judgement the Daily Read Equipment was functioning correctly,

and

ii) Otherwise by Transco.

- Where the User gave a rejection notice, by Transco, where it was agreed or by expert determination that the Daily Read Equipment was not functioning correctly or the metered consumption was closer to the User Volume Estimate than to the Transco Volume Estimate, and otherwise by the User. ***(Network Code Reference M4.8.5(b) amended. M4.8.5(c) - Removed.***

6. Where the User gives a rejection notice, then unless Transco and Users agree otherwise:

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a) The following questions shall be referred to Expert Determination:

i) Whether the Daily Read Equipment was functioning correctly, unless in Transco's judgement it was not

and

ii) Unless the expert determines that the Daily Read Equipment was functioning correctly, what is the best available estimate of the metered consumption.

b) The costs of the expert shall be borne by the User where:

a) the expert determines (under 6(a)(i)) that the Daily Read Equipment was functioning correctly or

b) the metered consumption determined (under 6(a)(ii) by the expert was closer to the Transco Volume Estimate than to the User Volume Estimate;

and otherwise by Transco.

***(Network Code Reference M4.8.6 - Unchanged).***

7. Where a User has submitted a Daily Read Error Notice in respect of a day and they consider that the Daily Read Error up to the day of the visit (3a) or the day of any repair/ replacement of the Daily Read Equipment, unless agreed otherwise these provisions will not apply to each day. However, if the User gives a subsequent Daily Read Notice for a Day, then the provisions will apply but Transco shall not be required to undertake a further inspection. ***(Network Code Reference M4.8.7 - Unchanged).***

8. To determine UDQO's where a Daily Read Error Notice has been given, if by the Exit Close-out date the inspection has been made and the User accepts the Transco Volume Estimate, the metered quantity derived from the estimate shall be substituted for the value of the quantity derived from the readings.

Transco may (before the Exit Close-out date) agree with the User to substitute the value of the Metered Quantity derived from the original Daily Meter Readings with the value derived from the User Volume Estimate or such other value as agreed by the User and Transco. ***(Network Code Reference M4.8.8 - Unchanged).***

9. Transco may also agree with the User (to determine UDQO's) the Metered Quantity for each day after the Daily Error Notice (up to the day when the visit or repair/replacement of the Daily Read Equipment) on the basis of reflecting an agreed degree of error. ***(Network Code Reference M4.8.9 - Unchanged).***

10. Where adjustments are after the Exit Close-out date, Transco will determine the Error Revised Quantity for the Day on the basis of the metered consumption. Revisions and adjustments will be made accordance with the existing provisions:

- Daily Read Errors B.11
- Daily Read Errors E3.5
- Daily Read Errors F1.4

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***(Network Code Reference M4.8.10 - Unchanged).***

11. Where it is agreed or determined that Daily Read Equipment is not functioning correctly, Transco will at it's own expense as soon as reasonably practicable and (subject to being given access) replace or repair the Daily Read Equipment. ***(Network Code Reference M4.8.11 - Unchanged).***

12. For the purposes of the provisions in Daily Read Meter Readings to Users, where a User gives a Daily Read Error Notice:

a) Subject to (b) where

i) Transco's judgment the Daily Read Equipment is not functioning correctly,

ii) By agreement between Transco and the User a substituted Metered Quantity has been used, or an estimate of metered consumption derived from the original Daily Meter Readings, has been agreed by Transco and the User for the purposes defined in (10).

The Daily Meter Readings provided in respect of the Daily Read Error day shall not be Valid Meter Readings.

b) where the Metered Quantity for any of the next 6 Days following the first Daily Read Error day has (by agreement between Transco and the User pursuant to 9) been adjusted, the Daily Meter Readings provided by Transco for such Days shall be deemed to be Valid Meter Readings.

c) where in Transco's judgement the Daily Read Equipment is functioning correctly and the User gave a Rejection Notice:

i) The Daily Meter Readings for the Daily Read Error Day and (subject to (ii) for subsequent Days shall be Valid Meter Readings (if otherwise valid in accordance with M4.2.3).

ii) Where the expert determines that the Daily Read Equipment is not functioning correctly, the Daily Meter Readings provided in respect of each Daily Read Error Day, from the Day which the expert made known his determination to Transco, until such time as Transco has repaired or replaced the Daily Read Equipment, shall not be Valid Meter Readings. ***(Network Code Reference M4.8.12 - Unchanged).***

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**Business Rules (F) – Provision of Daily Read Meter Readings to Users (General)**  
**M5.1**

The following business rules provide a brief summary of the proposed Network Code provisions for the Provision of Daily Read Meter Readings to Users. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: PRSM TO BE REDEFINED.**

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**REASON: Provisions required to take account of any SMI failures which may impact on Transco's ability to provide Valid Meter readings.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A).  
M4.2 Daily Meter Readings (see Business Rule B).**

1. For the purposes of these provisions:

a) Subject to (2) and (3), for any User a Performance Relevant Supply Meter is:

i. A Relevant Supply Meter which at the date of the Code was subject to the Daily Read Requirement as defined in G1.5.2(i) or (ii) or (where the request referred to in Section G1.5.7 was made before 1 January 1996) or Section G1.5.2(ii) and

ii. With effect from the date upon which the Supply Meter Point became a DM Supply Meter Point and other Supply Meter which has operational Daily Read Equipment.

in either case until such time (if any) at which the Registered User elects pursuant to Section G1.5.5 that the Supply Meter ceases to be Daily Read.

b) In respect of a Performance Relevant Supply Meter Valid Meter Readings (for the start and end of a Day) shall be counted as one Valid Meter Reading:

c) where one single item of Daily Read Equipment is installed for more than one Performance Relevant Supply Meter Point:

i. Transco will be treated as providing Valid Meter Readings only where it provides Valid Meter Reads for each Supply Meter;

ii. Without prejudice to (i) for all other purposes all such Supply Meters collectively shall be counted as a single Performance Relevant Supply Meter, and all of the Valid Meter Readings for a Day, shall be counted as a single Valid Meter Reading. Payments made by reference to a Performance Relevant Supply Meter shall be made by reference to an item of Daily Read Equipment or the Number of such items.

d) A Performance Relevant Supply Meter will not be treated as one in relation to which Transco did not provide a Valid Meter Reading where Transco was unable to provide one by reason of:

i. failure/unavailability of the Supply Meter Installation

ii. for reason of Transco being unable to gain access to its Daily Read Equipment and/or the Supply Meter Installation.

iii. relevant Meter Information being absent, out of date or subsequently found to be incorrect, which has or should have been provided in accordance with the rules contained within [asset/work business rules 9a & 9b (M3.2 Meter Information)].

e) A Performance Relevant Supply Meter will not be treated as one in relation to which Transco did not provide a Valid Meter Reading where Transco was unable to provide one by reason of Force Majeure.

***Network Code Reference M 5.1.1(d) – Revised to include new provisions for excluding Supply Meters as Performance Relevant Supply Meters where there has been a failure***

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***or unavailability of the Supply Meter Installation or where Transco has been unable to gain access to its Daily Read Equipment and/or the Supply Meter Installation or where relevant Meter Information is absent or out of date which resulted in Transco being unable to provide a Valid Meter Reading.***

2.

i. Where a User has given a Daily Read Error Notice or it appears to Transco that the Daily Read Equipment is not functioning correctly,

ii. Transco has, upon reasonable notice to the User, sought to arrange or gain access at a reasonable time to the relevant premises to inspect and or repair or replace the Daily Read Equipment but cannot gain access to the premise or Daily Read Equipment and

iii. Transco has promptly notified the User, providing details of the circumstances in which it was unable to gain access, and requesting that such access be arranged at a reasonable time,

The Relevant Supply Meter shall not be a Performance Relevant Supply Meter until such time as Transco has been given the required access to inspect, repair and or replace.

***(Network Code Reference M5.1.2 – Unchanged).***

3. Where, upon an inspection (whether from a Daily Read Error Notice or otherwise) of Daily Read Equipment, Transco finds that there is a fault or unavailability of the Supply Meter Installation, which is the cause of the Daily Read Equipment not functioning correctly Transco shall promptly notify the Registered User after its inspection:

and/or

Where the Registered User becomes aware of a failure of the Supply Meter Installation that may impact on Transco's ability to procure accurate and timely Valid Daily Meter Readings it will promptly advise Transco when it becomes aware of such failure.

In any such event the User will:

i. Promptly arrange for the repair/replacement of the Supply Meter Installation.

ii. No later than one month after Transco's notification, (unless the Supply Meter Installation has been repaired and or replaced) the User will inform Transco of the expected date when the repairs/replacement is to be carried out.

iii. Advise Transco of any delays in the expected date.

iv. Advise Transco when the Supply Meter Installation has been repaired/replaced.

v. Upon notification that a Supply Meter Installation has been repaired/replaced, Transco will arrange for the prompt resynchronisation of the Daily Read Equipment.

c) with effect from the Day of the Transco inspection or if later from the 5th Business Day before Transco's notification to the User and until such time as the Supply Meter Installation has been repaired or replaced, the Supply Meter will not be a Performance Relevant Supply Meter (until it is resynchronised/other). ***(Network Code Reference M5.1.3 - Revision of the provisions in respect of responsibility for repairs/replacement of the Supply Meter Installation and new provisions for notifying Transco).***

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4. A Reed Switch is a component of and contained within a Supply Meter Installation, which enables the functioning of Daily Read Equipment. **(Network Code Reference M5.1.4 - Remove –Specific provisions for a Reed Switch not required as generic Supply Meter Installation provisions apply).**

5. The provisions in (1) and (2) shall apply separately in respect of Performance Relevant Supply Meters which are, and which are not comprised in DMC Supply Point Components (respectively DMC and non DMC Performance Relevant Supply Meters) and references to Performance Relevant Supply Meters in those provisions shall be construed accordingly. **(Network Code Reference M5.1.5 - Unchanged).**

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**Business Rules (G) – Daily Read Metering G1.5**

The following business rules provide a brief summary of the proposed Network Code provisions for Daily Read Metering. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: AS THE DAILY READ REQUIREMENTS IN G1.5 ARE UNCHANGED AS A RESULT OF METERING UNBUNDLING, THE PROPOSED CHANGES ARE FOCUSED ON THE REMOVAL OF REFERENCES TO SITWORKS**

**REASON: Daily Read Equipment will not installed under Transco's Siteworks Terms & Conditions.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule A)  
M4.2 Daily Meter Readings (see Business Rule B)**

1. A Supply Meter Point shall be classified as a DM Supply Meter Point where:

a) the Supply Meter is Daily Read in accordance with M1.3.1 or paragraph 1.5.13 applies, and

b) either:

i) the Daily Read Requirement applies, or

ii) an election pursuant to paragraph 1.5.6(c) is in force in relation to such Supply Meter Point **(Network Code Reference G1.5.1 - Unchanged).**

2. The Daily Read Requirement applies in respect of:

i) each relevant Supply Meter Point comprised in any Supply Point whose Annual Quantity is greater than 58,600,000 kWh (2,000,000 therms);

ii) each relevant Supply Meter Point comprised in an Interruptible Supply Point; and

iii) each relevant Supply Meter Point which is an NTS Supply Point. **(Network Code Reference G1.5.2 - Unchanged).**

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3. For the purposes of paragraph 1.5.2:

- i) the "Daily Read Requirement" is the requirement that the Supply Meter at a Supply Meter Point shall be Daily Read;
- ii) a relevant Supply Meter Point is a Supply Meter Point in respect of which the Annual Quantity is greater than 2,196,000 kWh (75,000 therms). **(Network Code Reference G1.5.3 - Unchanged).**

4. If Transco determines and notifies the Registered User that it would not be practicable or economic for Supply Meters at a particular Supply Point to be Daily Read, unless upon application (made within 10 Business Days after such notification by the User) the Director shall give Condition 7(4) Disapproval to Transco not installing Daily Read Equipment, the Daily Read Requirement described in (3) shall not apply, and the Registered User may not make a request under paragraph 1.5.9, in respect of that Supply Point (and for the avoidance of doubt the relevant Supply Meter Points shall be NDM Supply Meter Points). **(Network Code Reference G1.5.4 – Unchanged).**

5. Where:

- i) a Supply Meter Point is a DM Supply Meter Point, and
- ii) upon a change in the Annual Quantity of the Supply Meter Point or the Supply Point in which it is comprised, or the Supply Point's ceasing to be an Interruptible Supply Point, the Daily Read Requirement ceases to apply,

the Supply Meter Point shall not be required to be classified as a NDM Supply Meter Point, and in the absence of any Supply Point Confirmation or Reconfirmation, the Supply Meter Point shall continue to be a DM Supply Meter Point, but without prejudice to the entitlement of the Registered User to make a Supply Point Reconfirmation as an NDM Supply Point (to which paragraph 1.5.6 shall apply). **(Network Code Reference G1.5.5 - Unchanged).**

6. Where a User is, or following a Supply Point Confirmation (including a Reconfirmation) a User becomes, the Registered User of a Supply Meter Point in relation to which the Supply Meter is Daily Read (including pursuant to a request under paragraph 1.5.9), but the Daily Read Requirement does not apply:

- a) subject to paragraph (c), the Supply Meter Point shall be classified as an NDM Supply Meter Point;
- b) except where Daily Read Equipment was installed pursuant to a request under paragraph 1.5.9, Transco may at any time (unless at such time the User has made an election under paragraph (c)) inform the User that it wishes to remove the Daily Read Equipment and having given the User reasonable notice, thereof, remove the Daily Read Equipment at its own expense;
- c) where the Annual Quantity of exceeds 73,200 kWh (2,500 therms) the User may elect in accordance with paragraph 1.5.7 that the Supply Meter Point shall be classified as a DM Supply Meter Point. **(Network Code Reference G1.5.6 - Unchanged).**

7. An election for the purposes of paragraph 1.5.6(c):

- a) shall be made by Nominating the Supply Meter Point as a DM Supply Meter Point:

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- i) at the time of the Supply Point Confirmation or Reconfirmation referred to in paragraph 1.5.6; or
- ii) in the case in paragraph 1.5.6(c) only, at any time thereafter, by way of Supply Point Reconfirmation;

b) shall lapse with effect from the Supply Point Registration Date, where the Registered User or any other User submits a Supply Point Confirmation (including a Reconfirmation) which becomes effective in respect of a Supply Point including the relevant Supply Meter Point (and may be revoked accordingly). **(Network Code Reference G1.5.7 - Unchanged)**.

8. Upon a change in the Annual Quantity of the Supply Meter Point such that the Annual Quantity becomes less than 73,200 kWh (2,500 therms) the Registered User shall be required to reclassify the Supply Meter Point as an NDM Supply Meter Point within 2 months of the change in Annual Quantity. **(Network Code Reference G1.5.8 - Unchanged)**.

9. The Registered User may at any time request (subject to and pursuant to Siteworks Terms and Procedures as described in paragraph 7) that Daily Read Equipment be installed at any Supply Meter Point (other than one whose Annual Quantity does not exceed 73,200 kWh (2,500 therms)). **(Network Code Reference G1.5.9 - Unchanged)**.

10. Where a User submits a Supply Point Nomination in respect of a Proposed Supply Point, with a Supply Meter Point, in relation to which the Supply Meter is not Daily Read, as a DM Supply Meter Point, Transco shall reject such Supply Point Nomination, unless the New Supply Meter Point has been classified as a DM Supply Meter Point in accordance with paragraph 1.5.13. **(Network Code Reference G1.5.10 – Remove ‘the User has submitted such Supply Point Nomination in accordance with paragraph 7.3.5 and’)**.

11. Subject to paragraph 1.5.4, where (by reason of an increase in the Annual Quantity of a Supply Point or a Supply Meter Point at the start of the Gas Year, or upon a Supply Point being designated as Interruptible) the Daily Read Requirement applies in respect of a Supply Meter Point pursuant to paragraph 1.5.2(i) or 1.5.2(ii), but is not satisfied:

a) Transco will arrange for the satisfaction of such requirement (by installation of Daily Read Equipment at the relevant Supply Meter), as soon as reasonably practicable, and will inform the Registered User when the Daily Read Requirement is satisfied. **(Network Code Reference G1.5.11(a) - Remove ‘subject to and in accordance with Section M2’ and ‘and the installation for the purposes of this paragraph 1.5.9 of Daily Read Equipment will not be Siteworks’)**.

b) the relevant date for the purposes of paragraph 1.11.2 shall be the date on which the Supply Meter becomes Daily Read and the period referred to in that paragraph shall be 2 and not 3 months. **(Network Code Reference G1.5.11 - Unchanged other than as described above)**.

12. Where a User submits (pursuant to the provisions of this paragraph 1.5) a Supply Point Nomination (including a Renomination) pursuant to which an NDM Supply Meter Point is to become a DM Supply Meter Point:

a) where in relation to any Supply Meter Point to be comprised in the DM Supply Point Component:

- i) the Supply Meter was Daily Read during the period of 12 months preceding the date of submission of the Supply Point Nomination, and

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ii) Transco and the User have not agreed that insufficient Valid Meter Readings (in accordance with Section M4) were obtained in the months of October to May in such period of 12 months,

the Nominated Supply Point Capacity shall be not less than the Preceding Year Maximum Quantity in accordance with paragraphs 5.2.3 and 5.2.4, but paragraph 5.2.3(b) shall be read as though references to a Supply Meter Point being DM were to the relevant Supply Meter being Daily Read;

b) where paragraph (i) does not apply, the Nominated Supply Point Capacity shall not be less than the User's estimate (made in good faith and after all appropriate enquiries of the consumer and on the basis of reasonable skill and care) of the maximum quantity of gas to be offtaken from the System at the DM Supply Point Component on any Day in the next 12 months, on the basis of reasonable assumptions as to weather conditions; and

c) the Supply Meter Point will become a DM Supply Point with effect from the Supply Point Registration Date. **(Network Code Reference G1.5.12 - Unchanged)**.

13. Without prejudice to the other provisions of paragraph 1.5, a New Supply Meter Point which is included in a Supply Point shall be classified as a DM Supply Meter Point, even though the Supply Meter is not Daily Read, where there is a Daily Read Requirement in accordance with paragraph 1.5.2 in respect of the Supply Meter at the Supply Meter Point but for any reason (other than due to an act or omission of the Registered User) Daily Read Equipment is not installed at the Supply Meter, or if installed is not operational in accordance with Section M4.1.7. **(Network Code Reference G1.5.13 - Remove '(pursuant to paragraph 7.3.5)')**.

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**Business Rules (H) – Miscellaneous J4.5, G2.4 and G6.10**

The following business rules provide a brief summary of the proposed Network Code provisions for Daily Read Metering in respect of miscellaneous references in the Network Code. Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: MINIMAL – MINOR CHANGE TO SECTION G6 TO REFLECT THAT USERS DO NOT PROVIDE DAILY READ EQUIPMENT FOR THE PURPOSES OF NETWORK CODE.**

**REASON: Ensure consistency with DRE provisions.**

**DEPENDENCIES: M4.1 Daily Read Equipment (see Business Rule a).**

**Section J4.5 Preheating offtake.**

1. Where in accordance with the Network Exit Agreement preheating equipment is installed at a NExA Supply Meter Point:

b) Daily Read Equipment will be installed at the Supply Meter Point (which shall accordingly be a DM Supply Meter Point). **(Network Code Reference J4.5.1(b) - Unchanged)**.

**Section G2.4 Supply Point Offers.**

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2. A Supply Point Offer will specify in relation to the Proposed Supply Point.

e) where the Proposed Supply Point includes one or more DM Supply Meter Points.

iii) details of the Daily Read Equipment installed and the Supply Meter point Reference Number of each Supply Meter Point at which any such Daily Read Equipment is installed. **(Network Code Reference G2.4.1(e)(iii) - Unchanged).**

**Section G6.10 Partial Interruption.**

3. Transco may allow Partial Interruption at an Interruptible Supply Point provided that the following rules are satisfied:

v) Daily Read Equipment shall be installed at the Supply Point prior to the commencement of Partial Interruption status. **(Network Code Reference G6.10.2(v) – Revised to clarify that Transco installs DRE).**

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**Business Rules (J) – Supply Meter and Other Equipment M2.1**

The following business rules provide a brief summary of the proposed Network Code provisions for Supply Meter and other equipment (relating to DM Meter Reading). Further to a review of the existing rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: NEW PROVISIONS REQUIRED TO REFLECT THAT WHERE THE DAILY READ REQUIREMENT APPLIES THE SUPPLY METER INSTALLATION IS SUITABLE FOR DAILY READ EQUIPMENT**

**REASON: Supply Meter Installations will no longer be the responsibility of Transco for the purposes of Network Code.**

**DEPENDENCIES: Supply Meter Installation M1.2**

10. The Registered User will ensure that the Supply Meter Installation where the Daily Read Requirement applies is and remains suitable for installation, maintenance and continuing operation of Daily Read Equipment. This will require the Supply Meter to incorporate a port (Interface) capable of indicating a pulse representing a discrete amount of gas (usually 0.1, 1, 10, 100 or 1000 units) dependant on the make and size of meter, being:

a port on the Supply Meter providing such indication by cyclic changes in the electrical resistance across such port or otherwise (including but not limited to ports known as “R5”). **(Network Code Reference - New provisions.**

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**Business Rules (K) – Provision by Transco M2.2**

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The following business rules provide a brief summary of the proposed Network Code provisions for Provision by Transco (relating to DM Meter Reading). Further to a review of the existing rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: New provisions are required to reflect that a shipper will need to notify Transco where it undertakes works on the Supply Meter Installation which is subject to the Daily Read Requirement.**

**REASON: For the purposes of the Network Code, Transco will not be responsible for Supply Meter Installations and Meter Installation Works post unbundling.**

**DEPENDENCIES: Supply Meter Installation M1.2**

**Revise Section Title to 'Provision by User'**

8. Where it, the consumer or any other party intends to undertake works on the Supply Meter Installation e.g. Meter exchanges or corrector maintenance, which will, or is likely to impact on the ability of Transco to procure accurate and timely Valid Daily Meter Readings the Registered User will use reasonable endeavours, to notify Transco at least two business days prior to works:

1. Of the date when disconnection of Transco's DRE will occur.
2. If different from (1), of the date when reconnection of Transco's DRE is required.

Transco will within two business days of the date stated in (2) use reasonable endeavours to reconnect and resynchronise its DRE. (***Network Code Reference – New provisions.***)

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**Business Rules (L) – Access to Daily Read Equipment M 4.6**

The following business rules provide a brief summary of the proposed Network Code provisions for access to Daily Read Equipment (DRE). Further to a review of these rules to facilitate competition in metering the impacts are as follows:

**IMPACTS: Revised to take account of the disaggregation of DRE from the Supply Meter Installation (SMI) and to remove the User from being responsible for requesting access to Transco's DRE on behalf of end consumers .**

**REASON: To remove the requirement for Users to be responsible for passing on to Transco requests from parties wishing to request access to Transco's DRE. All relevant provisions regarding access to DRE will be contained within the relevant Automatic Meter Reading (AMR) contract.**

**DEPENDENCIES: M4.1 Daily Read Equipment (See Business Rule A).**

1. Where Daily Read Equipment is furnished and installed by Transco it will, upon request by the Registered User and provided it is operationally feasible to do so:

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(i) Permit an arrangement whereby either the User or the consumer (but not both) shall have access to the Daily Read Equipment for the purposes of obtaining directly readings from the Supply Meter Installation.

(ii) make available to the User, readings received from the Daily Read Equipment in respect of each hour of a Day, and provide such readings to the User at four hourly intervals.  
**(Network Code Reference M4.6.1(i) – Removed).**

2. In any case where an arrangement is permitted as described above;

(i) the Registered User shall bear or secure that the consumer bears all costs incurred in connection with such arrangement, and shall secure that such arrangement will not interfere with the Supply Meter Installation and /or Daily Read Equipment or its operation, or with the obtaining of Meter Readings.

(ii) such an arrangement shall not be taken as implying any contractual relationship between Transco and the consumer. **(Network Code Reference M4.6.2(i) and (ii) – Removed.**

3. Such data obtained by the Registered User or consumer shall have no significance for the purposes of the Code. **(Network Code Reference M4.6.3 - Retained).**

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