

PNUNC AMR Detailed Requirements Workgroup

DM Bundled Regime Business Rules

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Possible Scenarios for Consideration

DM Mandatory	<ol style="list-style-type: none">1. Obligations remain with the GT (DMSP)2. Shippers undertake all obligations3. Shared obligations between Shipper & GT4. Obligations become redundant/obsolete5. GT's provide an optional service
AMR	<ol style="list-style-type: none">1. Shippers undertake all obligations2. Shared obligations between Shipper & GT3. Some obligations become redundant/obsolete4. GT's provide an optional service

DM Sites

- The following slides provide some of the UNC rules relating to the Daily Read Requirement & Daily Metered Sites
- Obligations taken from TPD Section G & M
- Does not cover any other UNC sections in UNC
- Does not specifically cover NTS or Special Metering Supply Points

Overview of a DM Site

- A Supply Point is subject to the Daily Read Requirement (G1.5.2) when :
 - The Supply Point AQ is greater than 58,600,000 kWh & the Supply Meter Point AQ is greater than 2,196,000 kWh
 - Interruptible Supply Point
 - NTS Supply PointAnd will be classified as Daily Metered (DM Mandatory)
- Where the above does not apply a User can elect for a Supply Point to be registered as Daily Metered (DM Voluntary) (G1.5.6).
 - AQ must be greater than 73,200 kWh.
- The Transporter has sole responsibility to (M4.1.4);
 - Furnish, install, make operational, maintenance & removal of the Daily Read Equipment
 - Obtain a Daily Meter Reading
 - Validate the meter reading and provision to the User
 - Calculation of an estimated read & provision to the User

Summary of DM Business Rules

- Daily Read Equipment (DRE) (M4.1)
 - The design & standard of manufacture is specified by the Transporter
 - DRE enables meter readings to be obtained remotely at set intervals by the Transporter
 - DRE comprises:
 - Device for capturing data which constitutes or permits the derivation of a Meter Reading and
 - A telephone line or transmitter for sending the data to the Transporter
 - DRE is treated as being operational with effect from the later of;
 - Day the Transporter notifies the User that the equipment is operational
 - The first day on which the Transporter provides a Valid Meter Reading from the DRE
 - Where the User is aware that works on the Installation will be carried out which will impact on the Transporter obtaining the Daily Meter Readings then;
 - The User will notify the GT at least 2 business days prior to the date of planned disconnection & re-connection
 - The GT will, within 2 business days of re-connection, reconnect & resynchronise the DRE with the meter.
 - DRE functions correctly within a tolerance of accuracy of 1%

Summary of DM Business Rules

- Meter Readings (M4.2, 4.3 & 4.6)
 - The GT obtains a Meter Reading for the start & end of each day
 - The GT may also obtain Meter Readings at other times within the day
 - GT is responsible for validation of the Meter Readings
 - Valid Meter Readings to be provided to the User
 - Where DRE is not installed or operational at a New Supply Meter Point which is included in a DM Supply Point, the GT shall use reasonable endeavours to obtain a read via a daily site visit
 - Where a read cannot be obtained from the registration date or for the six consecutive days thereafter, then the AQ/365 to be used to determine the estimate.
 - The GT uses the Valid Meter Readings for a day, & any time upto D+5, to calculate the Metered Volume and Metered Quantity
 - Following a request from the User, the GT will make available readings received from the DRE for each hour of the day at four hourly intervals

Summary of DM Business Rules

- Failure to Obtain Meter Readings (M4.4)
 - Where a Valid Meter Reading is not obtained by D+5 a D-7 estimate is used to calculate the Metered Volume
 - Following restoration of the DRE, the GT determines
 - A Valid Meter Reading and the volume off taken for the purposes of reconciliation
- DM Check Read (M4.7)
 - The GT arranges for an On-Site Meter Read at approximately 12 month intervals.
 - Metered Volume is determined using the previous DM Check Read
 - Where the Metered Quantity differs by more than 100,000 kWh for each day the GT notifies the User of the DM Check Reconciliation Volume
 - The Volume is apportioned in the same proportions as the volume determined using the Daily Meter Readings

Summary of DM Business Rules

- Daily Read Errors (M4.8)
 - Upto D+5 of receipt of the Daily Meter Read, a User may notify of a Daily Read Error and specify the volume which they consider to have been the metered consumption (M4.8.2)
 - The GT will, as soon as practicable & where possible within 3 business days, investigate any system issues and if none, visit the site to inspect the DRE
 - Following inspection the GT notifies the User if, in their judgement, the DRE is functioning correctly
 - Where the DRE is not functioning correctly, the GT provides an estimate taking into account the estimated volume provided by the User
 - The GT's estimate will be final unless the User contacts the GT, within 5 business days after receipt of the estimate from the GT, that they do not accept the GT's judgement (DRE is not faulty) or the estimated volume

Summary of DM Business Rules

- Daily Read Errors cont.
 - GT & User enter into a dialogue to attempt to resolve the difference. Where, within 5 business days, a resolution is not achieved;
 - It is referred to Expert Determination (M4.8.6)
 - Where it is agreed or determined that the DRE is not functioning correctly, the GT will repair or replace as soon as is reasonably practicable
 - Where it is not known when the DRE started to function incorrectly it is assumed to be half way through the period from when the equipment was last inspected, unless a date is agreed between User & GT

Summary of DM Business Rules

- Telemetry Equipment (M4.9)
 - By agreement between the GT and the User or Consumer, Telemetry Equipment can be installed instead of DRE
 - Subject to any conflicting provisions of Supply Point Network Exit Provisions, a reference to DRE includes telemetry equipment where installed
- Provision of DM Meter Readings to Users (G5.1)
 - A Performance Relevant Supply Meter is;
 - A Supply Meter subject to the Daily Read Requirement as per G1.5.2
 - Standard is for the GT to provide not less than 97.5% by 11.00 am on D+1
 - Where the GT fails (performance related to a month) a liability payment is payable to the User
 - If a Valid Meter Reading is not provided by 11.00 for 4 consecutive days the GT pays compensation to the User