

UK-LINK SITES AND METERS DATABASE

UNBUNDLED METER READ DETAILS

RECORD LAYOUT

RT_U01_UNBUNDLED_METER_READ
(System User supplied Unbundled Meter Read)

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of transaction that this record represents. VALUE: U01
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is related to a different position. CONTEXT: The reference of the Meter Point which the meter / corrector reads relate to.
ACTUAL_READ_DATE	M	D	8	0	DEFINITION: The date on which the read was taken. FORMAT: YYYYMMDD
METER_READING_SOURCE	M	T	1	0	DEFINITION: The source from which the read was taken. VALUES: M - Meter Read Organisation E - Supplied by the End User A - Agreed Opening Read R – Remote Reading Equipment Read Q – Shipper Provided Estimated Read G – Gas Card Read P – Point of Sale Read
METER_READING_REASON	M	T	1	0	DEFINITION: The reason why the read was taken. VALUES: O - Opening Read R - Replacement Read N - Non Opening Read VALIDATION: Meter Reading Reason of R with Meter Reading Source of M or E will be treated as a Shipper Replacement Read for Unbundled Cyclic Reads. Meter Reading Source of A with Reason R will be treated as a Replacement Opening Read. Must be O or R if the METER READING SOURCE is A. Meter Reading Reason of O may not be provided with Meter Reading Sources of P. Meter Reading Reason of N may not be provided with Meter Reading Source of A, G or Q. Meter Reading Sources not acceptable as Non-Opening Reads will not be acceptable for Replacement of Non-Opening Reads.
METER_SERIAL_NUMBER	M	T	14	0	DEFINITION: The manufacturers meter serial number. CONTEXT: The serial number of the meter from which the meter read was taken.
METER_READING	M	T	12	0	DEFINITION: The actual index read from the meter.

FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 4 digit dial display the index would be formatted as ' 0012'

METER_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: Number of times the meter has gone round the clock i.e. through the zeros. VALUES: blank, -9 through to 99 VALIDATION: Must be supplied when a Meter Reading source is A. Must be supplied when a Meter Reading Reason is N or R, unless the Meter Reading Source is P.
METER_READ_VERIFIED	O	T	1	0	DEFINITION: Indicates whether the meter read has failed the System User tolerance checking but is being accepted. VALUES: Y or blank
CORRECTOR_SERIAL_NUMBER	O	T	14	0	DEFINITION: The manufacturers corrector serial number. CONTEXT: The serial number of the corrector from which the corrector reads were taken.
CORRECTOR_UNCORRECTED_READING	O	T	12	0	DEFINITION: The uncorrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_CORRECTED_READING	O	T	12	0	DEFINITION: The corrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: The number of times the corrector has gone round the clock i.e. through the zeros. VALUES: blank, -9 through to 99 VALIDATION: Must be supplied when Meter Reading Source is A and a corrector is fitted. Must be supplied when a Meter Reading Reason is N or R and a Corrector is fitted, unless the Meter Reading Source is P.

CORRECTOR_USABLE_IND	O T 1 0	DEFINITION: Indicates whether the corrector reads are usable for billing purposes. VALUES: Y, N or blank. If blank and corrector is fitted, Y will be assumed. Must be blank if no corrector fitted.
CORRECTOR_READ_VERIFIED	O T 1 0	DEFINITION: Indicates whether the corrector read has failed the System User tolerance checking but is being accepted. VALUES: Y or blank
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RT_U02_UNBUNDLED_READ_REJECTION

(Rejection details for a System User supplied Unbundled Meter Read)

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of transaction that this record represents. VALUE: U02
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is related to a different position. CONTEXT: The reference of the Meter Point which the meter / corrector reads relate to.
ACTUAL_READ_DATE	M	D	8	0	DEFINITION: The date on which the read was taken. FORMAT: YYYYMMDD
METER_READING_SOURCE	M	T	1	0	DEFINITION: The source from which the read was taken. VALUES: M - Meter Read Organisation E - Supplied by the End User A - Agreed Opening Read R - Remote Reading Equipment Read Q - Shipper Provided Estimated Read G - Gas Card Read P - Point of Sale Read
METER_READING_REASON	M	T	1	0	DEFINITION: The reason why the read was taken. VALUES: O - Opening Read R - Replacement Read N - Non Opening Read
METER_SERIAL_NUMBER	M	T	14	0	DEFINITION: The manufacturers meter serial number. CONTEXT: The serial number of the meter from which the meter read was taken.
METER_READING	M	T	12	0	DEFINITION: The actual index read from the meter.

FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter.

This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 4 digit dial display the index would be formatted as ' 0012'

METER_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: Number of times the meter has gone round the clock i.e. through the zeros. VALUES: blank, -9 through to 99
METER_READ_VERIFIED	O	T	1	0	DEFINITION: Indicates whether the meter read has failed the System User tolerance checking but is being accepted. VALUES: Y or blank
CORRECTOR_SERIAL_NUMBER	O	T	14	0	DEFINITION: The manufacturers corrector serial number. CONTEXT: The serial number of the corrector from which the corrector reads were taken.
CORRECTOR_UNCORRECTED_READING	O	T	12	0	DEFINITION: The uncorrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_CORRECTED_READING	O	T	12	0	DEFINITION: The corrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: The number of times the corrector has gone round the clock i.e. through the zeros.

VALUES: blank, -9 through to 99

CORRECTOR_USABLE_IND	O T	1	0	DEFINITION: Indicates whether the corrector reads are usable for billing purposes. VALUES: Y, N or blank. If blank and corrector is fitted, Y will have be assumed during the validation process.
CORRECTOR_READ_VERIFIED	O T	1	0	DEFINITION: Indicates whether the corrector read has failed the System User tolerance checking but is being accepted. VALUES: Y or blank
SERIAL_NUMBER_MATCH	M T	1	0	DEFINITION: Indicates which METER_SERIAL_NUMBER matching routine was used to compare the shipper supplied SERIAL_NUMBER against the value held on the Sites & Meters database. Set according to the result of the METER_SERIAL_NUMBER matching routine, part of the Unbundled METER_READ validation process. VALUES: E - The supplied value used the Exact match logic. F - The supplied value used the Fuzzy match logic. R - The SERIAL_NUMBER match failed. N - The Serial Number validation was not performed.
MET_SERIAL_NUMBER_TRANSCO	O T	14	0	DEFINITION: Serial number of meter for which read was taken, as held on system. This will be populated when Fuzzy match was used or when SERIAL_NUMBER_MATCH failed.
PREV_MET_SERIAL_NUMBER	O T	14	0	DEFINITION: This field will be populated by TRANSCO only if the reading is rejected due to the shipper MSN being a previous one. The field contains the <u>Previous</u> MSN as on the S&M database

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`RT_U03_OPENING_UNBUNDLED_READ_NOTICE
(Notification to the requesting System User of an Opening Read for a Meter Point)

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of transaction that this record represents. VALUE: U03
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is related to a different position. CONTEXT: The reference of the Meter Point which the meter / corrector reads relate to.
ACTUAL_READ_DATE	M	D	8	0	DEFINITION: The date on which the read was taken. FORMAT: YYYYMMDD
METER_READING_SOURCE	M	T	1	0	DEFINITION: The source from which the read was taken. VALUES: M - Meter Read Organisation E - Supplied by the End User A - Agreed Opening Read T - Transco <u>Transporter</u> Estimate R - Remote Reading Equipment Read Q - Shipper <u>Provided</u> Estimated Read G - Gas Card Read
METER_READING_REASON	M	T	1	0	DEFINITION: The reason why the read was taken. VALUES: O - Opening Read R - Replacement Read
METER_SERIAL_NUMBER	M	T	14	0	DEFINITION: The manufacturers meter serial number. CONTEXT: The serial number of the meter from which the meter read was taken.
METER_READING	M	T	12	0	DEFINITION: The actual index read from the meter. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the

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CORRECTOR_SERIAL_NUMBER O T 14 0

number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 4 digit dial display the index would be formatted as '0012'

DEFINITION: The manufacturers corrector serial number.
CONTEXT: The serial number of the corrector from which the corrector reads were taken.

CORRECTOR_UNCORRECTED O T 12 0
_READING

DEFINITION: The uncorrected index taken from the corrector.
FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as '0012345'

CORRECTOR_CORRECTED O T 12 0
_READING

DEFINITION: The corrected index taken from the corrector.
FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as '0012345'

CORRECTOR_USABLE_IND O T 1 0

DEFINITION: Indicates whether the corrector reads are usable for billing purposes.
VALUES: Y, N or blank. If blank and corrector is fitted Y was assumed on validating the meter read.
Will always be blank if no corrector fitted.

TOLERANCE_CHECK_FAILURE O T 1 0

DEFINITION: Identifies whether the opening read has failed Transco tolerance checking and if so, whether inner or outer tolerance checking was failed.
VALUES: blank - Passed tolerance checking
I - Failed inner tolerance
O - Failed outer tolerance

RT_U04_FINAL_UNBUNDLED_READ_NOTICE

(Notification to the Incumbent System User of the Final Read for a Meter Point)

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of transaction that this record represents. VALUE: U04
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is related to a different position. CONTEXT: The reference of the Meter Point which the meter / corrector reads relate to.
ACTUAL_READ_DATE	M	D	8	0	DEFINITION: The date on which the read was taken. FORMAT: YYYYMMDD
METER_READING_SOURCE	M	T	1	0	DEFINITION: The source from which the read was taken. VALUES: M - Meter Read Organisation E - Supplied by the End User A - Agreed Opening Read T - Transeo <u>Transporter</u> Estimate R - Remote Reading Equipment Read Q - Shipper Provided Estimated Read G - Gas Card Read
METER_READING_REASON	M	T	1	0	DEFINITION: The reason why the read was taken. VALUES: O - Opening Read R - Replacement Read
METER_SERIAL_NUMBER	M	T	14	0	DEFINITION: The manufacturers meter serial number. CONTEXT: The serial number of the meter from which the meter read was taken.
METER_READING	M	T	12	0	DEFINITION: The actual index read from the meter. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 4 digit dial display the index would be formatted as '0012'
METER_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: Number of times the meter has gone round the clock i.e. through the zeros. VALUES: blank, -9 through to 99

CORRECTOR_SERIAL_NUMBER	O	T	14	0	DEFINITION: The manufacturers corrector serial number CONTEXT: The serial number of the corrector from which the corrector reads were taken.
CORRECTOR_UNCORRECTED_READING	O	T	12	0	DEFINITION: The uncorrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_CORRECTED_READING	O	T	12	0	DEFINITION: The corrected index taken from the corrector. FORMAT: The index should be right justified and be the same length as the number of digits/dials present on the meter. This may mean the index provided is left padded with zeros to equate the length of the values to the actual number of digits/dials. Where the number of digits/dials is less than 12 the remaining characters should be set to spaces e.g. for a 7 digit dial display the index would be formatted as ' 0012345'
CORRECTOR_ROUND_THE_CLOCK_COUNT	O	T	2	0	DEFINITION: The number of times the corrector has gone round the clock i.e. through the zeros. VALUES: blank, -9 through to 99
CORRECTOR_USABLE_IND	O	T	1	0	DEFINITION: Indicates whether the corrector reads are usable for billing purposes. VALUES: Y, N or blank. If blank and corrector is fitted Y was assumed on validating the meter read. Will always be blank if no corrector fitted.
TOLERANCE_CHECK_FAILURE	O	T	1	0	DEFINITION: Identifies whether the opening read has failed Transco tolerance checking and if so, whether inner or outer tolerance checking was failed. VALUES: blank - Passed tolerance checking I - Failed inner tolerance O - Failed outer tolerance

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RT_U10_UNBUNDLED_ACCEPTED_READ_NOTIFICATION

(Unbundled Accepted Read Notification)

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of information that this record contains.
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network.
ACTUAL_READ_DATE	M	D	8	0	DEFINITION: The date on which the read was taken. Format:YYYYMMDD
METER_READING_SOURCE	M	T	1	0	DEFINITION: The source from which the read was taken. VALUES: M - Meter Read Organisation E - Supplied by the End User A - Agreed Opening Read R – Remote Reading Equipment Read Q – Shipper Provided Estimated Read G – Gas Card Read P – Point of Sale Read
METER_READING_REASON	M	T	1	0	DEFINITION: The Reason why the read was taken. VALUES: O - Opening Read R - Replacement Read N – Non Opening Read
METER_SERIAL_NUMBER	M	T	14	0	DEFINITION: The Manufacturer's meter serial number. CONTEXT: The serial number of the meter from which the read was taken.
METER_READING	M	T	12	0	DEFINITION: This is the actual index read from the meter. As identified by the System User. It will contain the actual number of digits/dials present on the meter. Where necessary these digits/dials will be represented by leading zeros. If the read has less than 12 digits, all missing digits will be replaced by leading spaces. The read will be right aligned. Eg. For a 4 digit dial the read will be formatted as '0012'
SERIAL_NUMBER_MATCH	M	T	1	0	DEFINITION: Indicates which METER_SERIAL_NUMBER matching routine was used to compare the Shipper supplied

SERIAL_NUMBER against the value held on the Sites & Meters database. Set according to the result of the METER_SERIAL_NUMBER matching routine, part of the Unbundled METER_READ validation process.
 VALUES:
 E - The supplied value used the Exact match logic.
 F - The supplied value used the Fuzzy match logic.

MET_SERIAL_NUMBER_TRANSCO	O	T	14	0	DEFINITION: Serial number of meter for which read was taken, as held on system. This will be populated only when Fuzzy match was used. If Met_Serial_Number_Update is set to Y then Met_Serial_Number_Transco is MSN following update
MET_SERIAL_NUMBER_UPDATE	O	T	1	0	DEFINITION: Indicates whether Sites & Meters has been updated as a result of the meter_serial_number_data supplied on the U01 by the system user. VALUES: Y = S&M Updated N = No S&M Update

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