

# Glossary of Standard Terms

New Term	Where Used	New Data Type	Validation rule
Access issues	EIEP6	Char 1	Flag that indicates access issues at the site. Y = yes; or N = no
Action Flag	EIEP11	Char 1	I = Installed, R = Removed, E = Existing, no change
Active energy	EIEP3	Num 12.2	Consumption as kWh.
Additional information	EIEP6; EIEP11; AMI: MCA- 020; MRR-030; AMI: MDR-010; MDR-020; MDR-030; MDR-040	Char 75	Free text field
Address Audit Number	Registry: PR-010	Char 15	Registry audit number
Aggregated consumption type	AMI: MRR-010	Char 4	ABS=Absolute; or ACC=Accumulated
Alternative date	EIEP5	DD/MM/YYYY	Alternative date if planned interruption cannot proceed on original start date. Can be Null
AMI Flag	Registry: RA-010; RM-020; RS-040	Char 1	Indicates presence of AMI metering installation. Default is 'N' Y = yes; or N = no
Amount owing	EIEP6	Char 10	Can be used for Credit Disconnect Jobs. Can be Null
Amount received	EIEP6	Char 10	Applies to Credit Disconnect Jobs normally. \$ received by field worker
ANZSIC code	EIEP4	<del>Char 12</del> Char 7	As per ANZSIC table of codes
Apparent energy	EIEP3	Num 12.2	Apparent energy in kVAh, Can only be NULL if KVArh is supplied or is not available.
Approved profile submitter	Rec Manager: AV-100	Char 4	Valid reconciliation participant identifier of participant that is providing information
Audit deletion date/time	Rec Manager: AV-050	DD/MM/YYYY HH:MM:SS	Audit deletion date/time
Audit input date/time	Rec Manager: AV-050	DD/MM/YYYY HH:MM:SS	Audit input date/time
Average Daily Consumption	Registry: <del>RC-010</del> ; RS-030; Rec Manager: GR-110 GR-160; GR-030	Num 12.2	Average kWh per day for last read period

Balancing area code	Rec Manager: AV-050; GR-060; GR-070; GR-080; GR-090; GR-100; GR-130; GR-160; GR-170	Char 12	Code, notified by distributors to the reconciliation manager, for the balancing area.
Builders Temporary Supply	EIEP11	Char 1	Is the site a builders temporary supply: Y = yes; or N = no
Buyer	Rec Manager: GR-010	Char 4	Participant identifier of purchaser that is buying from the clearing manager.
Cancelled service request number	AMI: MRC-010; MRC-020	Char 15	Mandatory where service request cancelled
Capacity	EIEP11	Num 5.1	Capacity (KVA / kW). Can be null
Channel Identifier	EIEP11, EIEP6 Initiation	Char 30	Identifies the distributors Ripple Relay channel that the relay will respond to.
Channel Number	EIEP6	Num 2	A unique number within the metering component that identifies each data channel within the metering component
Chargeable Capacity	EIEP8; Registry: DC-010; DM-020; DS-010	Num 7.2	The capacity that the distributor may charge for, but that may not be the actual installed capacity at the relevant ICP. Can be null.
Chargeable days	EIEP1; EIEP2	Int 4	Number of days between start date and end date (both dates inclusive). Null if status equals UB
Chargeable Location Zone	EIEP6 Initiation	Char 3	Location code; URB = Urban; or RUR = Rural; or REM = Remote Rural; or Can be Null
Checksum	Rec Manager: AV-100; AV-130; GR-010; GR-010; GR-040; GR-045	Num 12.2	Must be the sum of the trading period quantities. Allow for 0, 1 or 2 decimal places.
Closure Code – Action/Asset	EIEP6	Char 1	As per table of Action/Asset closure codes noted after EIEP
Closure Code - Reason	EIEP6	Char 1	As per table of Reason Closure Codes noted after EIEP
Closure Code - System	EIEP6	Char 1	System Charge Group Code. As per table of System Charge Group noted after EIEP
Communication type	EIEP5	Char 3	As per communications type table As per table of Unplanned Service Interruption Communication Type Codes noted after EIEP

compliance flag	AMI: MRR-020, MRR-030	Char 2	Compliance issue with this meter read: Y = Yes: or N = No
Congestion Period Demand	EIEP11	Num 4.1	<del>Mandatory if line charges require a congestion period demand. Can be null</del> <b>Mandatory if line charges applied by Distributor require a Congestion period demand. Can be null</b>
Connection Type	EIEP11	Char 2	Connection Type for the NSP. Can be null
Consumer no	EIEP1; EIEP4; EIEP11	Char 15	<del>Retailer's</del> <b>Trader's</b> consumer number. Defined as the retailer's unique ID that links the premises and the customer. If not available then use null. Null if status equals UB
Consumption	<b>EIEP3</b> , Rec Manager: AV-080; GR-044; AV-140; GR-220; GR-230; GR-210; GR-240	Num 12.2	Electricity consumption in kWh
<del>Consumption</del>	<del>EIEP3</del>	<del>Num 12.2</del>	<del>Electricity consumption in kWh</del>
Consumption period	Rec Manager: AV-060; AV-070; AV-080; AV-110; AV-120; AV-140; GR-020; GR-044; GR-050; GR-060; GR-070; GR-080; GR-090; GR-100; GR-110; GR-130; GR-140; GR-150; GR-160; GR-170	MM/YYYY	A calendar month during which electricity is supplied to consumers (and conversely produced by generators)
Contact Name	EIEP6 Initiation	Char 75	Name of contact or if unknown then Null.
Contract number	Rec Manager: GR-010	Char 5	Contract number where assigned to a traders reconciliation information, by the reconciliation manager within a data set delivered to the clearing manager.
Contractor zone	EIEP6	Char 50	As per contractor information
Control method code	AMI: MLC-020	Char 15	Method by which control relays are activated; 01 = AMI communications; or 02 = ripple signal; or 03 = both AMI comms and ripple signal: or 04 = triggered by a frequency event: or 05 = triggered by a voltage event; or Others may be added in the future.
Control relay	AMI: MCA-030; MCA- 020	Char 1	Record that a control relay is provided in a metering installation; Y = provide; or N = not provide; or I = internal

Control request end date and time	AMI: MLC-010	DD/MM/YYYY & HH:MM:SS	Control request end date and time
Control request start date and time	AMI: MLC-010; MLC-020; MLC-020; MCA- 020	DD/MM/YYYY & HH:MM:SS	Control request start date and time
Control start date and time	AMI: MCA-030	DD/MM/YYYY & HH:MM:SS	Control start date and time
Control type	AMI: MLC-010; MCA- 020; MCA- 020; MCA- 030	Char 15	Request for load control relay operation; 01 = immediate controlled load turned off; or 02 = immediate controlled load turned on; or 03 = preset controlled load turned off; or 04 = preset controlled load turned on.
CoV	EIEP 11	Char 10	Certificate of Verification number, mandatory if living notice.
CoV on Site	EIEP6	Char 1	Is there a CoV on site: Y = yes; or N = no
CT Ratio	EIEP11	Char 6	CT ratio that must be applied to the register reading e.g.: 2000/5. Can be null
Current Rating	EIEP11	Int 4	Current Rating requested. Can be null.
Customer advised date	EIEP6	DD/MM/YYYY	The date the fault was advised by the customer.
Customer advised time	EIEP6	HH/MM/SS	The time the fault was advised by the customer.
Customer installation type	EIEP6	Char 30	Type of installation (common examples are cowshed, pump, cottage, builder's supply etc). Can be Null
Customer installation type	AMI: MCA- 020; MCA-030	Char 30	Type of installation (common examples are cowshed, pump, cottage, builder's supply etc). Can be Null
Customer name	EIEP 4	Char100	Legal name or the name of the customer. Multiple names to be concatenated into one field
Customer no.	EIEP1; EIEP4;	Chart 15	<del>Retailer's or Generator's Traders customer number.</del> Retailer Trader's customer number. (the identifier that the retailer trader assigns to the customer which remains the same across all the connections for the customer) If not available then use null. Null if status equals UB
Customer Responsibility advised	EIEP6	Char 1	Has customer been advised of possible charges? Y = yes: or N = no

Daily Unmetered kWh	Registry: RA-010; RM-020; RS-040	Char 6	as per registry functional specifications
Daily value	Rec Manager: GR-030	Num 12.2	as per RM functional specifications
Danger	EIEP6	Char 1	Danger to public or property; Y = yes; or N = no
Data stream identifier	EIEP3	Char 15	Unique data stream Identifier used by Sender (e.g. meter number for each different billable data set under the one ICP)
Data stream type	EIEP3	Char 10	Null implies standard Billable volume else defined by receiver
Date	EIEP 3; EIEP8; EIEP12; <del>EIEP4</del> ; Registry: <del>DC-010</del> ; <del>DM-020</del> ; RA-010; RM-020 Rec Manager: AV-040; AV-050; AV-070; AV-080; AV-090; AV-100; AV-130; GR-010; GR-020; GR-030; GR-040; GR-045; GR-060; GR-070	DD/MM/YYYY	The date from which the attribute values of the event should apply. <del>In relation to an ICP, means the date on which an arrangement between a customer and a trader for the supply of electricity at the ICP comes into effect</del>
<del>date</del>	<del>EIEP4; Registry: DC-010; DM-020; RA-010; RM-020</del>	<del>DD/MM/YYYY</del>	<del>in relation to an ICP, means the date on which an arrangement between a customer and a trader for the supply of electricity at the ICP comes into effect</del>
Date and time of installation	AMI: MCA-030	DD/MM/YYYY & HH:MM:SS	Date and time of installation
Date and time of requested installation	AMI: MCA- 020	DD/MM/YYYY & HH:MM:SS	Date and time of requested installation or modification
Date and time of service request cancellation	AMI: MRC-020	DD/MM/YYYY & HH:MM:SS	Date and time of service request cancellation. Mandatory where service request cancelled
Date/time	Rec Manager: AV-040; AV-050	DD/MM/YYYY HH:MM:SS	Date and time of measurement or event
Date/Time of Last Change	Registry: SD-030	DD/MM/YYYY HH:MM:SS	Date/Time of Last Change
<del>Date/Time stamp</del>	<del>EIEP6</del>	<del>DD/MM/YYYY</del>	<del>Date and time when transmission is sent (for uniqueness)</del>
Decimal Places	EIEP11	Int 1	Number of decimal places the meter records
Dedicated NSP Flag	Rec Manager: AV-080; AV-090; AV-130; GR-040; GR-050; GR-230; GR-240; Registry: DC-010; DM-020; DS-010	Char 1	Flag that indicates that the ICP cannot be moved to another NSP; Y = yes; or N = no

Detail Record Type	EIEP1, EIEP2, EIEP3; EIEP4, EIEP5, EIEP6; EIEP7, EIEP8, EIEP9, EIEP11, EIEP12	Char 3	DET – indicates the row is a detail record.
Difference ICP days	Rec Manager: GR-100; GR-150	Num 9	Difference in ICP days calculated by the RM from registry - purchaser
Difference kWh	Rec Manager: GR-130	Num 12.2	Difference between a traders reconciliation submission and electricity supplied files calculated by the RM from a traders submission information
Disconnection date and time	AMI: MDR-020	DD/MM/YYYY & HH:MM:SS	The actual date and time of the disconnection
Disconnection Location/method	EIEP6; AMI: MDR-020	Char 4	Applies to disconnection jobs only; “POL” = Pole; or “PIL” = Pillar Box; or “MET” = Meter Board; or 01 – Remote disconnection via AMI; or 02 – on site disconnection at meter box; or 03 – on site disconnection at service mains entry; or 04 – Disconnected in error; or Others may be added easily to this list. Applies to disconnection jobs only. “POL” = Pole, “PIL” = Pillar Box, “MET” = Meter Board, “REM” = Remote via AMI, “MSW” = Mainswitch
Disconnection request end date and time	AMI: MDR-010	DD/MM/YYYY & HH:MM:SS	This is the latest disconnection end date and time.
Disconnection request start date and time	AMI: MDR-010	DD/MM/YYYY & HH:MM:SS	This is the earliest disconnection start date and time.
Disconnection Restriction	EIEP4; EIEP6 Initiation	Char 3 Char 1	Disconnection is subject to restriction; Y = yes; or N = no “Y” for YES or “N” for No for confirmed Medically Dependent customers or other critical disconnection restrictions.
Discrepancy count	Rec Manager: GR-140	Num 8	Count of input rows per purchaser that are a discrepancy. Calculated by the RM
Discrepancy type	Rec Manager: GR-090	Char 1	Type of ICP discrepancy located in the RM processes; R = ICP missing in registry list; or A = ICP missing in monthly aggregates.

Distributor event number	EIEP5	Char 15	Distributor's unique reference number for service interruption
Distributor Loss Factor End Period	Registry: SD-030	Num 2 (1..48)	Last trading period in a day that a loss factor is active for. Default is 48
Distributor Loss Factor Start Period	Registry: SD-030	Num 2 (1..48)	First trading period in a day that a loss factor is active for. Default is 1
Distributor Reference	EIEP11	Char 12	Unique reference number in distributor's system (if already allocated). Can be null
Dog Code	EIEP6B	Char 1	Dog at premises. Can be Null Y = yes; or N = no null is interpreted as N.
Dog Note	EIEP6B	Char 75	Additional notes about a dog's likely behaviour)
Electrician Name	EIEP11	Char 30	Name of electrician. Can be null.
Electrician Phone	EIEP11	Char 15	Contact phone number of electrician. Can be null
Email address	EIEP4	Char 50	Email address
Emergency Details	EIEP6	Char 50	Brief description of emergency. Mandatory if Emergency Flag = Y
Emergency Flag	EIEP6	Char 1	Is the fault an emergency Y = yes N = no
Emergency services	EIEP6	Char 25	Have emergency services been on site or remain on site, if so what services? Y = yes N = no
End Consumer name	EIEP11	Char 30	Name of end consumer. Can be null
End date	EIEP1	DD/MM/YYYY	<del>End date of event or</del> Consumption or fixed end date. Null if status equals UB
Equipment Manufacturer	EIEP6	Char 30	Equipment manufacturer if available
Equipment Model	EIEP6 ; EIEP11;	Char 30	Model Number – if available
Equipment Owner	EIEP6 Initiation	Char 4	Participant identifier assigned to the equipment owner
Event date and time	AMI: MEL- 020	DD/MM/YYYY & HH:MM:SS	Mandatory where an event occurred.
Event detail	AMI: MEL- 020	Char 70	Mandatory where an event occurred. This is the detail of what occurred, i.e. on, off, disabled etc etc.
Event request end date and time	AMI: MEL-010	DD/MM/YYYY & HH:MM:SS	This is the latest event date end

Event request start date and time	AMI: MEL-010	DD/MM/YYYY & HH:MM:SS	This is the earliest event date start
Event type parameter	AMI: MEL-010, AMI: MEL- 020	Char 4	Parameter used within event logs to indicate a certain activity.
Expected or actual restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored
Expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored
Fault Duration	EIEP6	Num 4.1	Duration of fault as advised by caller (in minutes)
Fax number	EIEP4	Char 15	Fax number
Feeder <b>Number</b>	EIEP5	Char 20	Transformer and feeder number if available.
File identifier	EIEP4; EIEP5; EIEP9; EIEP11;	Char 15	Number that uniquely identifies the report
File status	EIEP1, EIEP2, EIEP3	Char 1	I = Initial or R = Replacement or X = Replace only those ICPs contained in this replacement file
File type	EIEP1, EIEP2, EIEP2X, EIEP3, EIEP4, EIEP5, EIEP6; EIEP7, EIEP8, EIEP9, EIEP11, EIEP12X	Char 7	To identify the types of information the files contain.
<b>Finalled date</b>	<b>EIEP4</b>	<b>DD/MM/YYYY</b>	<b>In relation to a ICP, means the date on which an arrangement between a customer and a trader for the supply of electricity at the ICP was terminated. Use for incremental files.</b>
First name	EIEP4	<del>Char 50</del> <b>Char 100</b>	Separated customer first name details
Fixed Charge Code	EIEP8	Char 12	Code that indicates the fixed charge rate applicable within a tariff. <b>Can be null</b>
Fixed/Variable	EIEP1; EIEP2; EIEP12;	Char 1	<b>Type of rate being applied:</b> F = fixed: or V = variable Null if status equals UB



Energy Flow Direction	EIEP1; EIEP2; EIEP3; Rec Manager: AV-080; AV-080; AV-090; AV-130; AV-140; GR-040; GR-044; GR-045; GR-050; GR-210; GR-240	Char 1	Flow direction that meter register has measured; X = extraction from the parent network; or I = injection into the parent network An identifier of whether the channel records the import (injection from the ICP into the Network) ("I"), or the export (extraction from the Network to the ICP) ("X"). <del>X—extraction from the parent network; I— injection into the parent network</del> Null if status = UB
Function ID	EIEP11	Char 30	Identifies relay switch function
GPS coordinates	AMI: MCA-020; MCA-030	Char 35	Supplied where available
GXP	EIEP1; EIEP4; EIEP11	Char 8	<del>NSP on which ICP is connected to for the report period. Null if status equals UB.</del> Name of GXP on which ICP is connected to for the report period. Null if status equals UB.
<del>Hazard</del> Hazard Description	EIEP6	Char 255	<del>Description of any hazards</del> Description of any possible hazards at site
Header record type	EIEP1, EIEP2, EIEP3, EIEP4, EIEP5, EIEP7, EIEP8, EIEP9, EIEP11, EIEP12X, EIEP6 Initiation, EIEP6 Status Update and Closure	Char 3	HDR – indicates the row is a header record type
HHR Flag	Registry: RA-010; RM-020; RS-040	Char 1	Indicates presence of HHR metering installation (at least one of the meter types must be Y); Y = yes; or N = no
High Reading Limit	EIEP6 Initiation	Num 9	Maximum anticipated new reading based on consumption history
ICP count	EIEP2	Int 6	<del>Number of ICPs in category</del> Count of ICPs in category (not required for SUMRECN files)
ICP Creation Date	EIEP11; Registry: PR-010	DD/MM/YYYY	The date the ICP identifier was first created on the Registry or modified If reason code given was DLY (Delayed), this should be the predicted ICP creation date.
ICP days	Rec Manager: AV-060; AV-070; GR-100	Num 12	As defined in part 1 of the Code

ICP identifier	EIEP1; EIEP3; EIEP4; EIEP5; EIEP7; EIEP6; EIEP8; EIEP9; EIEP11; Registry: DC-010; DM-020; DS-010; RA-010; <del>RC-010</del> ; RC-020; RM-020;RS-010; RS-020; RS-030; RS-040; RW-010; RW-020, Rec Manager: AV-070; AV-140; AV-080; GR-045; GR-090; GR-110; AV-050 AMI: MRR-010; MRR-020; MRR-030; MDR- 010; MDR-020; MDR-030; MDR-040; MLC- 010; MLC-020; MEL-010; MEL- 020; MCA- 010; MCA- 020; MCA-030	Char 15	ICP identifier means a unique identifier for an ICP created by a distributor in accordance with clause 1 of Schedule 11.1
ICP modification date	EIEP 11	DD/MM/YYYY	Date ICP was modified
ICP Request Date	EIEP11	DD/MM/YYYY	Date the originator receives the request; or Date the request is received by the originator; or Mandatory if request originated from network. Can be null.
ICP Status	Registry: DM-020; RA-010; RM-020; RS-040	Char 3	999 = new; or 888 = distributor; or 000 = ready; or 001 = inactive; or 002 = active; or 003 = decommissioned
ICP Status Reason	Registry: DM-020; RA-010; RM-020; RS-040	Num 2	Note that changes to the inactive status reason is being consulted on. Current codes are as follows; 01 = setup in error); or 02 = dismantled; or 03 = amalgamated; or 04 = de-energised vacant; or 05 = reconciled elsewhere; or 06 = de-energised for decommission.
ICP# of SB	Rec manager: AV-050	Char 15	ICP number of the SB ICP for an EN NSP.
Initiator Name	EIEP11	Char 30	Name of the customer or agent who made the request for this ICP.
Initiator Phone	EIEP11	Char 15	Contact phone number of Initiator
Initiator Required Job End Date	EIEP6 Initiation	DD/MM/YYYY	Required job end date based on job type and booking time as agreed between the parties, can be null

Initiator Required Job End Time	EIEP6 Initiation	HH:MM:SS	Required job end time based on job type and booking time as agreed between the parties, can be null
Initiator required job start date	EIEP6 Initiation	DD/MM/YYYY	Required job start date based on job type and booking time as agreed between the parties, can be null
Initiator required job start time	EIEP6 Initiation	HH:MM:SS	Required job start time based on job type and booking time as agreed between the parties, can be null
Injection quantity	Rec Manager: GR-220; GR-230	Num 12.2	Electricity injection in kWh to the parent network
Input by (user name)	Rec Manager: AV-050	Char 15	User name of person that has updated record
Inspectors Name	EIEP6	Char 50	Name of electrical inspector.
Installation Type Flag	Registry: DC-010; DM-020; DS-010; <del>RG-010;</del> RS-030	Char 1	Flow direction potential of an ICP; L = load; or G = generation; or B = both
Installation/Removed Date	EIEP11	DD/MM/YYYY	Date where a meter was installed or removed. Can be null
Installed capacity	EIEP11; EIEP4	Num <del>5</del> 7.2	In kVA (i.e. This may/may not relate to the fuse rating).
Interruption 1 alternative date	EIEP5	DD/MM/YYYY	Alternative date if first planned interruption cannot proceed on proposed start date. Can be Null
Interruption 1 expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored for first interruption
Interruption 1 restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored for first interruption
Interruption 1 start date	EIEP5	DD/MM/YYYY	Date first interruption to commence
Interruption 1 start time	EIEP5	HH:MM	Start time for first interruption
Interruption 2 alternative date	EIEP5	DD/MM/YYYY	Alternative date if second planned interruption cannot proceed on proposed start date. Can be Null
Interruption 2 expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored for second interruption
Interruption 2 restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored for second interruption
Interruption 2 start date	EIEP5	DD/MM/YYYY	Date second interruption to commence
Interruption 2 start time	EIEP5	HH:MM	Start time for second interruption

Interruption 3 alternative date	EIEP5	DD/MM/YYYY	Alternative date if third planned interruption cannot proceed on proposed start date. Can be Null
Interruption 3 expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored for third interruption
Interruption 3 restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored for third interruption
Interruption 3 start date	EIEP5	DD/MM/YYYY	Date third interruption to commence
Interruption 3 start time	EIEP5	HH:MM	Start time for third interruption
Interruption 4 alternative date	EIEP5	DD/MM/YYYY	Alternative date if fourth planned interruption cannot proceed on proposed start date. Can be Null
Interruption 4 expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored for fourth interruption
Interruption 4 restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored for fourth interruption
Interruption 4 start date	EIEP5	DD/MM/YYYY	Date fourth interruption to commence
Interruption 4 start time	EIEP5	HH:MM	Start time for fourth interruption
Interruption 5 alternative date	EIEP5	DD/MM/YYYY	Alternative date if fifth planned interruption cannot proceed on proposed start date. Can be Null
Interruption 5 expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored for fifth interruption
Interruption 5 restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored for fifth interruption
Interruption 5 start date	EIEP5	DD/MM/YYYY	Date fifth interruption to commence
Interruption 5 start time	EIEP5	HH:MM	Start time for fifth interruption
Interruption expected or actual restore time	EIEP5	HH:MM	Most accurate indication of time when power will be restored
Interruption reason	EIEP5	Char 50	Description of cause of unplanned interruption to supply Reason for planned interruption
Interruption restore date	EIEP5	DD/MM/YYYY	Most accurate indication of date when power will be restored
Interruption start date	EIEP5	DD/MM/YYYY	Date interruption commenced
Interruption start time	EIEP5	HH:MM	Time interruption started

Invoice date	EIEP1	DD/MM/YYYY	<del>For retailer trader to distributor file applicable to 'as-billed' report only, Null if not required by distributor. For distributor to retailer trader Invoice Date should be the date the Invoice to the retailer was raised Null if status equals UB-Populate where the information supports an invoice to the Trader.Null if status equals UB</del>
Invoice number	EIEP1; EIEP2;	Char 20	<del>For retailer to distributor file applicable to 'as billed' report only, Null if status equals UB or if not required by distributor. For distributor to retailer file Invoice number should be the number on the invoice sent to the retailer; can be Null. Populate where the information supports an invoice to the Trader.</del>
Irrigation	EIEP11	Char 1	Indicates a connection has irrigation connected.; Y = yes; or N = no
Irrigation Pump Size	EIEP11	Num 4.4 7.2	KW rating of motor on irrigation pump. Can be null
Job Code	EIEP6 Status Update and Closure	Char 5	<del>As per table of codes in EIEP6</del> Refer to table for allowable job type codes subsequent to EIEP
Job Closure (Equipment)	EIEP6	Char 50	As per table as subsequent to EIEP
Job Closure (Issue)	EIEP6	Char 50	As per table subsequent to EIEP
Job Closure (Remedy)	EIEP6	Char 50	As per table subsequent to EIEP
Job Closure (What Faulted)	EIEP6	Char 50	As per table subsequent to EIEP
Job Code Closure	EIEP6	Char 5	As agreed between the parties or as per table of agreed non-itemised job closure subsequent to EIEP
Job Initiation Date	EIEP6 Initiation	DD/MM/YYYY	The date when job was created and notified by the Sender
Job Initiation Time	EIEP6 Initiation	HH:MM:SS	The time when job was created and notified by Sender
Job Status Code	EIEP6 Status Update and Closure	<del>Char 4</del> Char 10	As agreed between the parties or as per table of agreed job status codes in subsequent to EIEP.
Job type Code	EIEP6	Char 5	As per table of agreed Job Type codes (Table 5 - 6) subsequent to EIEP.
Key Held Flag	EIEP6; Registry: <del>RC-010</del> ; RS-030	Char 1	Key held or not. Y = yes or N = no, or Can be Null, no value is interpreted as N.

Key number	EIEP6 Initiation	Char 15	Key identification number. Can be Null
Legal name	EIEP4	Char 50	Legal name or the name of the customer. Multiple names to be concatenated into one field
Life Threatening	EIEP6	Char 1	Fault is life threatening Y = yes or N = no
Livener Code	EIEP11	Char 10	Network Authorisation code. Can be null
Livener Name	EIEP11	Char 30	Name of person to liven site. Can be null
Livener Phone	EIEP11	Char 15	Phone number for person livening site. Can be null
Load control Channel Identifier	EIEP6	Char 30	<del>Relay channel code that identifies the channel that the relay will respond to</del> The code identifier for the network device that is used.
Load control device frequency	EIEP11	Int4	Injection Frequency (Hz)
Load control device Channel Code	EIEP6	Char10	Load control device channel code that identifies the channel that the relay will respond to
Load control device code	AMI: MCA-030; MCA-020	Char 4	0001 – none, or 0002 - time clock, or 0003 – internal ripple, or 0004 – external ripple
Load control device count	EIEP11	Int 3	Number of load control devices installed
Load control device make	EIEP11	Char30	Load control device make. Can be null
Load control device model	EIEP11	Char30	Load control device model. Can be null
Load control device number	EIEP6	Char15	Load control device serial number for the install
Load control device status	EIEP11	Char3	“REM” = Removed, “INS” = installed, “LR” = Left Running, “DAM” = Damaged
Load control device owner	EIEP11	Char 6	RelayLoad control device metering equipment owner participant identifier

Location co-ordinate reference	EIEP6 Initiation	Char 10	Code for the co-ordinate reference system used by location X and location Y NZMG = NZ Map Grid NZGD2000 = NZ Geodetic Datum 2000 <del>NZTM = NZ Transverse Mercator based on NZGD2000</del> New Zealand Transverse Mercator 2000(NZTM2000) coordinates, as defined in Land Information New Zealand's LINZ S25002 standard (Standard for New Zealand Geodetic Datum 2000 Projections)
Location of CoV	EIEP6	Char 50	Free text field to describe location of CoV
Location X	EIEP6 Initiation	Char 10	Easting of the location of the job
Location Y	EIEP6 Initiation	Char 11	Northing of the location of the job
Log jobs	EIEP5	Char 1	Confirm if <del>retailer</del> trader to advise of any new interruptions reported in same area. <b>Mandatory for Unplanned</b>
Loss category code	<del>EIEP4</del> ; EIEP11; Registry: DC-010; DM-020; DS-010; Rec Manager: AV-040; AV-080; AV-090; AV-130; GR-040; GR-050;	Char 7	The relevant code in the schedule <del>recorded against an ICP in the registry, and</del> published by the registry that identifies the relevant loss factors that apply to submission information
Loss Factor	Registry: SD-030; Rec Manager: AV-040; Registry: SD-030	Num 1. 4	The factor, identified by reference to a loss category within the registry, to be applied to submission information
Low Reading Limit	EIEP6 Initiation	Num 9	Maximum anticipated new reading based on consumption history
Main Switch On	EIEP6 Status Update and Closure	Char 1	Y = yes; or N = no
Mains Capacity	EIEP11	Int 3	Mains conductor size in square mm. Can be null
<b>Mains Size</b>	<b>EIEP11</b>	<b>Int 4</b>	<b>Mains size in mm</b>
Mains Type	EIEP11	Char 1	U = Underground O = Overhead. Can be null
Market share	Rec Manager: GR-070	Num 3.2	Market share of a traders own volume.
<b>Medical restriction type</b>	<b>EIEP 4</b>	<b>Char 3</b>	<b>MDN if medical dependent customer notified. MDV if medical dependent customer verified.</b>
Meter Board Reference Number	EIEP6 Initiation	Char 20	Number of meter board (if available). Can be Null
Meter Box Location <del>Free Form</del>	EIEP11	Char 50	Freeform text describing additional information regarding meter location. Can be null

Meter channel Dial Count	EIEP6	Num 2	Number of dials/digits on a meter's registers-channels.
Meter Class	EIEP11	Num 2.2	Measurement class for the meter
Meter component serial number	AMI: MCA- 020; MCA-030	Char 15	Serial number of meter component
Meter Count	EIEP8; EIEP6; EIEP11; Registry: <del>RC-010</del> ; RS-030	Int 3	Number of meters installed at an ICP. <b>Can be null</b>
Meter element number	AMI: MCA- 020; MCA-030	Char 2	<del>Number of emerging elements within a meter (max of 3)</del> Mandatory where a meter contains more than one measurement element <b>Sequential register/channel number (identifier) assigned by MEP.</b>
Meter element number control is associated with.	AMI: MCA- 020; MCA-030	Char 35	Meter element number control is associated with.
Meter installation ordinal	AMI: MRR-010; MRR-020; MRR-030; MDR-010; MDR-020; MDR-030; MDR-040; MLC-010; MLC-020; MEL-010; MEL- 020; MCA-010; MCA- 020; MCA-030	Char 2	A sequential number that is unique to that ICP identifier to identify the metering installation within an ICP
Meter Installer Name	EIEP11	Char 30	Name of meter installer. Can be null
Meter Installer Phone	EIEP11	Char 15	Phone number for meter installer. Can be null.
Meter Location Code	Registry: <del>RC-010</del> ; RS030; AMI: MCA- 020; MCA-030	Char 4	Valid meter location code from Registry static data table
Meter Location Description	EIEP6 ; EIEP11;	Char 50	Full text description. Can be Null
Meter Make	EIEP11	Char 30	Meter manufacture
Meter Multiplier Flag	Registry: RA-010; RM-020; RS-040	Char 1	Y = at least 1 meter has a multiplier; or N = all meters have a multiplier of 1 or ICP is unmetered.
Meter or Load control device status	EIEP1, EIEP6 Status Update and Closure	Char 3	REM = Removed, or INS = installed, or LR = Left Running, or DAM = Damaged
Meter or Relay Status	<del>EIEP6 Status Update and Closure</del>	Char 3	<del>REM = Removed, or INS = installed, or LR = Left Running, or DAM = Damaged</del>
Meter Rating	EIEP11	Int 4	Maximum current rating in amps for the meter



Meter read final	AMI: MCA-030	Char 15	Mandatory where installation has been modified. Actual meter register read taken immediately prior to replacement or reprogramming
Meter read start	AMI: MCA-030	Char 15	Mandatory where installation has been modified. Actual meter register read taken immediately after the replacement or reprogramming
Meter read status	EIEP1	Char 2	Mandatory unless applicable to fixed charged entries. RD = Read, ES = Estimate, FL = Final, RV = Reversal, UB = Unbilled
Meter Reader Notes	EIEP6; Registry: <del>RC-010</del> ; RS-030	Char 50	Additional text information based on meter reader notes. Can be Null
Meter Reading / Bill Sequence Number	EIEP6 Initiation	Char 6	Indicates the meter reading/bill sequence number the customer is on. (helpful if keys are required)
Meter <del>Register</del> Channel Code	EIEP12	Char 4	Meter <del>Channel</del> /register code used by distributors
Meter <del>Register-Channel</del> Count	EIEP8; EIEP11; Registry: RA-010; RM-020; RS-040; <del>RC-010</del> ; RS-030	Int 3	0 to 999 to indicate the number of meter <del>channels</del> /registers used to obtain metering information at the ICP. Zero for unmetered installations. <del>Can be null</del>
Meter <del>Register Channel</del> Dial Count	EIEP6; EIEP11; Registry: <del>RC-010</del> ; RS-030	Num 2	Number of dials/digits on a meter's registers.
Meter <del>Register Channel</del> hours of availability	EIEP1; EIEP8; EIEP11; EIEP12; Registry: <del>RC-010</del> ; RS-030	Num 2.1	Minimum hours of supply per day if <del>channel</del> /register has controlled or inclusive load.
Meter <del>register Channel</del> number	EIEP8; EIEP11; AMI: MRR-020 MRR-030; Registry: <del>RC-010</del> ; RS-030	Int 8	Sequential <del>Channel</del> /register number (identifier)
Meter register program date start and time	AMI: MCA-030	DD/MM/YYYY & HH:MM:SS	Last meter register content code reprogram date start.
Meter <del>register Channel</del> program request date start and time	AMI: MCA- 020	DD/MM/YYYY & HH:MM:SS	Mandatory where installation is new or a change to the <del>register Channel</del> setup of a metering installation is required. This is the earliest meter register content code reprograms date start. If field is left as null existing program remains active.
Meter <del>register Channel</del> reading	EIEP6; AMI: MRR-020; MDR-020; MDR-040;MRR-030; <del>Registry: RC-010</del> ; RS-030	Num 15	Reading value for this <del>Channel</del> /register on this date. Number of digits must not be greater than the number of dials.

Meter remote disconnection device	AMI: MCA-030; MCA-020	Char 4	0001 – none, or 0002 - internal, or 0003 – external
Meter Voltage	EIEP 11	Int 5	Voltage of meter
Meters in Permanent Position	EIEP 11	Char 1	Y or N. If not applicable use N
Metering Audit Number	Registry: PR-010	Char 15	Audit number in registry associated to changes to metering records.
Metering Category	EIEP6; EIEP11; Registry: RA-010; RM-020; RS-040	Num 1	Meter category as defined within Part 10 of the Code, 1 to 6.
Metering component serial number	EIEP6; EIEP8; EIEP11; Registry: <del>RC-010</del> ; RS030; AMI: MRR-010; MRR-020; MRR-030; MDR-010; MDR-020; MDR-030; MDR-040; MLC-010; MLC-020; MEL-010; MEL- 020; MCA- 010; MCA- 020; MCA-030	Char 15 Char25	Actual serial number of the device. Where integral to the meter, will be the same as the meter serial number. <b>Can be null</b>
Metering component type	EIEP6 Initiation, EIEP6 Status Update and Closure	Char 1	<b>M – meter, L – load control device/register (includes contactor) C - CT, V - VT, D - Data storage device.</b>
Metering installation certificate number	EIEP6; EIEP11	Char 15	Certificate of compliance number, Mandatory if living notice.
Metering Installation Certification Expiry Date	EIEP6 ; EIEP11	DD/MM/YYYY	<del>Metering Installation Certification Expiry Date</del> <b>Certificate of compliance number</b>
Metering installation location code	EIEP 11	Char 46	<b>The 6 character code (can be 1 to 6 characters) from the list of codes within the registry that identifies the location of the metering installation.</b>
Metering Type	EIEP6 Initiation EIEP11; Rec Manager: AV-060; AV-110; GR-080; GR-100; GR-150; GR-170	Char 3	<del>HHR = half hour, or NHH = non-half hour, or UNM = un-metered, or PP = prepayment</del> <b>Mandatory where the metering component type = M. Can only be assigned as: - NHH if the metering category is 1 or 2 - PP if the metering category is 1. - HHR can be assigned for any metering category value.</b>
Meters in Permanent Position	EIEP11	Char 1	Y = yes or N = no or If not applicable use N.

Name	EIEP4, EIEP9	Char 50	Customer name concatenated into one field. <b>Can be null</b>
Neighbours affected	EIEP6	Char 1	Y = yes or N = no
Network charge	EIEP1 EIEP2	Num 7.2	<del>\$ excl GST and net of prompt payment discount. Null if status equals UB</del> <b>The network charge (in dollars, excluding GST and net of any prompt payment discount) which is calculated from the "Unit Quantity", "Chargeable days" and "Network tariff rate" as applicable. Null if status equals UB</b>
Network code	Registry: DC-010; DM-020; DS-010; Rec Manager: AV-140; AV-040; AV-080; AV-090; AV-100; AV-110; AV-120; AV-130; GR-010; GR-020; GR-030; GR-040; GR-044; GR-045; GR-050; GR-060; GR-060; GR-070; GR-080; GR-090; GR-100; GR-110; GR-160; GR-170; GR-210; GR-220; GR-230; GR-240	Char 4	Valid participant identifier
Network connection status	Rec Manager: AV-050	Char 1	Y – active, or N – inactive
Network Fuse Size	EIEP6; EIEP8	Num 4	Size of fuse in Amps if known. Can be null.
Network Price category	EIEP1; EIEP2; EIEP8; EIEP11; EIEP12; Registry: DC-010; DM-020; DS-010; SD-040	<del>Char 75-50</del>	<b>The relevant code in the schedule published by a distributor that is used to unambiguously define the line charges for an ICP.</b>
<del>Distributor Network Price Category Description</del>	EIEP1; EIEP2; EIEP8; EIEP11; EIEP12; Registry: DC-010; DM-020; DS-010; SD-040	<del>Char 32 Char 75</del>	<del>The description of a set of tariffs that a distributor assigned to the price category e.g. "Domestic urban". Can be left as null. Null unless required to further describe the price/tariff code.</del>
Network Tariff Code	EIEP8; EIEP11; EIEP12; Registry: <del>RC-010</del> ; RS-030	Char 25	<del>The specific tariff code for the price category and meter-register content code</del> <b>Code for the specific tariff component within the network price category.</b>
Network tariff rate	EIEP1; EIEP2; <b>EIEP12</b>	Num 6.6	Fixed daily rate or variable per unit rate (\$ excl GST and net of prompt payment discount). Null if status equals UB
Network type	Rec Manager: AV-050	Char 1	G—grid, or E—embedded, or I—interconnection point.

New or existing meter indicator	AMI: MCA- 020; MCA-030	Char 2	N = new installation, or E = modification to an existing installation
NHH Flag	Registry: RA-010; RM-020; RS-040	Char 1	Indicate presence of NHH meter (at least one of the meter types must be Y); Y = yes; or N = no
NSP	Rec Manager: AV-060; AV-050	Char 11	The unique identifier for an NSP created by the reconciliation manager in accordance with clause 28 of Schedule 11.1
NSP Event Audit Number	Registry: PR-010	Char 15	Registry audit number
Number of detail records	EIEP1, EIEP2, EIEP3; EIEP4, EIEP5, EIEP6; EIEP7, EIEP8, EIEP9, EIEP11; EIEP12;	Num 8	Total number of DET records in report
Number of dials	EIEP6	Num 2	Number of dials/digits on a meter's registers/channels.
Number of elements per meter	AMI: MCA- 020; MCA-030	Char 2	Mandatory where installation is new. This is the number of different tariffs that will be required in the metering installation.
Number of interruptions notified	EIEP5	Num 1	Number of <b>planned</b> interruptions notified (up to a maximum of 5)
Number of phases metered	AMI: MCA-030; MCA-020	Char 2	Number of phases supplying the property (1, 2 or 3). Mandatory where installation is new.
Only remote disconnection allowed	AMI: MDR-010; MDR-030	Char 2	Y = yes; or N = no
Original ICP Commissioning Event Date	Registry: PR-010	DD/MM/YYYY	The effective date that the Proposed Retailer was assigned to the ICP
Parent NSP	Rec Manager: AV-050	Char 7	NSP that is immediately upstream of the embedded network NSP
Parent NSP network	Rec Manager: AV-050	Char 4	Parent NSP participant identifier. Blank if grid connected.

Participant identifier	EIEP1, EIEP2; EIEP3; EIEP4; EIEP5; EIEP6; EIEP7; EIEP8; EIEP9; EIEP11; EIEP12; Registry: DC-010; DM-020; DS-010; RA-010; <del>RC-010</del> ; RC-020; RM-020; RS-020; RS-030; RS-040; RW-010; RW-020; Rec Manager: AV-050; AV-060; AV070; AV-140; AV-040; AV-080; AV-090; AV-100; AV-110; AV-120; AV-130; GR-010; GR-020; GR-030; GR-040; GR-044; GR-045; GR-050; GR-060; GR-060; GR-070; GR-080; GR-090; GR-100; GR-110; GR-130; GR-140; GR-150; GR-160; GR-170; GR-210; GR-220; GR-230; GR-240 AMI: MRR-010; MRR-020; MRR-030; MDR-010; MDR-020; MDR-030; MDR-040; MLC-010; MLC-020; MEL-010; MEL- 020; MCA-010; MCA- 020; MCA-030; MRC-010; MRC-020; MRE-010	Char 4	Network or Trader participant identifier as approved by the Authority
Peak charge date	EIEP2	DD/MM/YYYY	Where relevant, indicates the date that the load for the peak charge is taken from.
Peak charge trading period	EIEP2	Int 2	Where relevant, indicates the trading period (of the date above) that the load for the peak charge is taken from.
Percentage difference	Rec Manager: GR-100	Num 3.2	Calculated. Check to make sure these are supposed to have the minus sign
Percentage of historical estimate in this revision's submission	Rec Manager: GR-170	Num 3.2	Calculated.
Percentage variance	Rec Manager: GR-110	Num 4.1	Calculated participant identifier
Percentage variation	Rec Manager: GR-160	Num 3.2	Calculated participant identifier
Percentage variation of this revision's historical estimate against the historical estimate in the initial revision cycle	Rec Manager: GR-170	Num 3.2	Calculated. Percentage increase or decrease.
Period of availability	EIEP6	Num 2	Number of hours within a day for which a control device is configured. (<=24).

Phases	EIEP6; EIEP11;	Num 1	Number of phases supplying the property (1-3)
Phone Number Home	EIEP4; EIEP6;	Char 15	Home landline phone number. Can be Null
Phone Number Mobile	EIEP4; EIEP6;	Char 15	Cell phone number
Phone Number Other	EIEP6; EISP9;	Char 15	Additional phone number where customer can be contacted. <b>Can be null.</b>
Phone Number Physical	EIEP6 Initiation	Char 15	Phone number at ICP location
Phone Number Work	EIEP4; EIEP6;	Char 15	Number person can be contacted at during business hours. <b>Can be Null</b>
Physical Address DPS	EIEP11	Char 10	If no address a DPS number must be provided. Can be null
Physical address lot number	EIEP11	Int 5	If no address a lot number must be provided. Can be null
Physical Address Number	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 25	RAPID Number, Street Number, Dairy Number; issued by government agency or local government authority that identifies a point or location on a street. <b>Can be Null</b>
Physical Address Post Code	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 30	The post code assigned by NZ post (zip code if outside NZ). <b>Can be Null</b>
Physical address property Name	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 75	name given to the property or building by the owner or party with legal naming rights. <b>Can be Null</b>
Physical Address Region	EIEP4; EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 20	The regions are based on phone book areas that are generally known by callers. (ref registry functional specs for list) ) <b>Can be Null.</b>
Physical address street	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 30	Official road name issued by government agency or local government authority.
Physical address suburb	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 30	a bounded locality within a city, town or shire principally of urban character and usually with a focus of a shopping centre, schools or transport facility.
Physical address town	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 30	an officially recognised and named population centre, defined within a geographic boundary.
Physical address Unit	EIEP4, EIEP6; EIEP9; EIEP11; Registry: DC-010; DM-020; RS-010	Char 20	Sub dwelling number; Level of sub dwelling

POC	Registry: DC-010; DM-020; DS-010; Rec Manager: AV-070; AV-50; AV-080; AV-080; AV-090; AV-100; AV-110; AV-120; AV-130; AV-140; GR-010; GR-010; GR-020; GR-030; GR-040; GR-044; GR-045; GR-050; GR-060; GR-060; GR-070; GR-080; GR-090; GR-100; GR-110; GR-160; GR-170; GR-210; GR-230; GR-240	Char 7	Valid NSP/POC code from Registry static data table
Postal address country	EIEP4, EIEP6; EIEP11	Char 30	The country for postal information. <b>Can be Null</b>
Postal <del>address</del> freeform	EIEP4, EIEP6; EIEP11	Char 30	Additional postal information. All postal fields can be null, but are mandatory if available.
Postal address number	EIEP4, EIEP6; EIEP11	<del>Char-6</del> 25	Number issued by government agency or local government authority that identifies a point or location on a street for postal purposes. <b>Can be Null</b>
Postal address PO Box/RD	EIEP4, EIEP6; EIEP11	Char 30	Number assigned a postal delivery box or rural delivery number. <b>Can be Null</b>
Postal address postcode	EIEP4, EIEP6; EIEP11	Char 30	The post code assigned by NZ post (zip code if outside NZ). <b>Can be Null</b>
Postal address street	EIEP4, EIEP6; EIEP11	Char 30	Official road name issued by government agency or local government authority. <b>Can be Null</b>
Postal address suburb	EIEP4, EIEP6; EIEP11	Char 30	A bounded locality within a city, town or shire principally of urban character . <b>Can be Null</b>
Postal address town	EIEP4, EIEP6; EIEP11	Char 30	An officially recognised and named population centre, defined within a geographic boundary.
Postal address unit	EIEP4, EIEP6; EIEP11	<del>Char 4</del> Char 25	Sub dwelling number; Level of sub dwelling. <b>Can be Null</b>
Power On Flag	EIEP6 Status Update and Closure	Char 1	Indicates whether power is on or off. Y = yes; or N = no
Prepayment Flag	Registry: RA-010; RM-020; RS-040	Char 1	Indicates presence of PP meter (at least one of the meter types must be Y) Y = yes; or N = no
Previous Occupier	EIEP6 Initiation	Char 50	Previous occupier of the installation which is useful to find vacant properties. <b>Can be Null</b>
Pricing Audit Number	Registry: PR-010	Char 15	Registry audit number
Priority	EIEP6 Initiation	<del>Char 4</del> Char 3	Job initiator assigned job priority. Numeric as agreed between the parties

Profile - ICP	Registry: RA-010; RM-020; RS-010; RS-040	Char 25	May be multiple profiles at an ICP. Separate each by a single space.
Profile - reconciliation	Rec Manager: AV-080; AV-090; AV-100; AV-130; GR-020; GR-030; GR-040	Char 3	Valid profile code. i.e. NSP—'Initial residual profile shape'.
Profile code	Rec Manager: GR-210; GR-240	Char 10	Profile code as approved by the market administrator
Proposed Liven Date	EIEP11	DD/MM/YYYY	Date that the ICP is expected to be livened. Can be Null
Proposed Retailer	EIEP11; Registry: DC-010; DM-020; DS-010	Char 4	Valid retailer code
Proposed Switch Date	Registry: RS-010	DD/MM/YYYY	Proposed ICP switch date
Proposed/Actual Livening date	EIEP11	DD/MM/YYYY	Date that the ICP was livened / is expected to be livened. Mandatory if request originated by distributor. Can be null
Purchaser average daily NHH kWh	Rec Manager: GR-160	Num 12.2	Calculated
Quantity of historical estimate in kWh	Rec Manager: AV-080	Num 12.2	Indicates the amount of the quantity that was estimated using the historical estimate process including any unmetered load. Same validation as for "quantity" but in addition this value must be less than or equal to the value in the quantity field.
Ratio compensation	EIEP6 ; EIEP11; Registry: <del>RC-010</del> ; RS-030	Num 6	<del>Ratio compensation—Multiplier to be applied to the register channel</del>
Reactive energy	EIEP3	Num <del>8-2-12.2</del>	<del>Same validation as for "quantity" but in addition this value must be less than or equal to the value in the quantity field.</del> Reactive energy in kVArh, Can only be NULL if KVAh is supplied or is not available. (recommended that kVArh and KVAh are provided)
Read Date	EIEP11; EIEP6; Registry: <del>RC-010</del> ; RS-030	DD/MM/YYYY	Date meter was last physically read or the last validated meter reading if permanent estimate supplied.
Read date and time	AMI: MRR-010; MRR-020; MRR-030	DD/MM/YYYY & HH:MM:SS	Date and time of requested register read. Mandatory for non half hour read requests.
Read end date and time	AMI: MRR-010	DD/MM/YYYY & HH:MM:SS	End date and time of requested register read. Mandatory for half hour read requests.
Read record type	AMI: MRR-020; MRR-030	Char 1	Information on read status
Read start date and time	AMI: MRR-010	DD/MM/YYYY & HH:MM:SS	Start date and time of requested register read. Mandatory for half hour read requests.



Read type	AMI: MRR-010	Char 4	HHR – half hour; or NHH – non half hour; or UNM - un-metered; or PP - prepayment
Reading	EIEP11	Num 10	Reading for the register channel
Reading Type	EIEP3; EIEP6; Registry: <del>RC-010</del> ; RS-030; AMI: MRR-020; MRR-030	Char 2	Type applying to last reading- RD = Read, or ES = Estimate, or FL = Final Final (F) or Estimate (E) - estimate status indicates that the meter could not be read and the data will be revised.
Reason Code	EIEP11	Char 3	<del>Valid reason code. See table of reason codes in EIEP11</del> Reason code from distributor Indicates reason this record is being sent. See table of codes subsequent to EIEP.
Reason for Change	EIEP9	Char 50	Reason for address change (Customer Advice, Meter Reader, etc) can be Null
Reason for exception	AMI: MRE-010	Char 4	Use parameter table in MRE-010
Reason for reconnection	AMI: MDR-040	Char 4	11 = Trader requested reconnection; or 12 = Prepay self reconnection; or 14 = Reconnected in error; or Others may be added easily to this list.
Recipient Job ID	EIEP6 Initiation, EIEP6 Status Update and Closure	Char 15	Can be used as recipient Job number (if different from Sender Job ID) Can be used as recipient job number (can differ from Service Request Number)
Reconciliation Audit Number	Registry: PR-010	Char 15	Registry audit number
Reconciliation Run ID	Rec Manager: GR-220	Num	ID produced by the reconciliation manager that indicates the batch process results were produced in.
Reconciliation type	Registry: DC-010; DM-020; DS-010; Rec Manager: AV-080; AV-090; AV-130; GR-040; GR-050; GR-230; GR-240	Char 2	The code that identifies the type of processing to be performed during reconciliation
Reconnection date and time	AMI: MDR-040	DD/MM/YYYY & HH:MM:SS	This is the actual date and time of the reconnection
Reconnection end request date and time	AMI: MDR-030	DD/MM/YYYY & HH:MM:SS	This is the latest reconnection end date and time

Reconnection method	AMI: MDR-040	Char 4	01 = Remote reconnection via AMI; or 02 = on site reconnection at meter box; or 03 = on site reconnection at service mains entry; or 04 = Reconnected in error; or Others may be added easily to this list.
Reconnection start request date and time	AMI: MDR-030	DD/MM/YYYY & HH:MM:SS	This is the earliest reconnection start date and time
Record Type	EIEP11	Char 1	Valid value: P = premise; or M = meter; or R = register; or C = conductor; or S = switch
Record Type	EIEP8	Char 1	Valid value as given in validation rules of relative EIEP. Can be null.
Region	EIEP2	Char 20	Name of GXP bus or region (group of GXPs). Use "ALL" when information represents a total for the network price/tariff.
Register content code	EIEP12; Registry: <del>RC-010</del> ; RS-030; AMI: MRR-030; MCA- 020; MCA-030; MRR-020 EIEP1; EIEP8, EIEP11; EIEP12; AMI: MDR-020 MDR-040	Char 6	<del>Valid meter register content code as published by the Authority A Code that describes identifies the type of information being recorded by the channel e.g. winter, triple saver peak etc. Selected from a list in the registry.the functionality of the meter register.</del>
<del>Register content description</del>	<del>EIEP1; EIEP8, EIEP11; EIEP12; AMI: MDR-020 MDR-040</del>	<del>Char 6</del>	<del>Code that describes the functionality of the meter register</del>
Register number	AMI: MCA- 020; MCA-030: Proposed registry schedule 11.4	Numeric 2	A sequential number that identifies each data channel within the metering component.
Registry ICP days	Rec Manager: GR-100	Num 9	ICP days sourced from the registry records
Registry Installation Details	Registry: DC-010; DM-020; DS-010	Char 30	Free text
Relay Code	EIEP6 Initiation	Char 10	Relay channel code that identifies the channel that the relay will respond to
<del>Relay Count (see relative reference under Load Control Device).</del>	<del>EIEP11</del>	<del>Int 3</del>	<del>Number of relays installed</del>
<del>Relay Frequency (see relative reference under Load Control Device).</del>	<del>EIEP11</del>	<del>Int 4</del>	<del>Injection Frequency (Hz)</del>

Relay Make (see relative reference under Load Control Device).	EIEP11	Char 30	Relay make. <del>Can be null</del>
Relay Model (see relative reference under Load Control Device).	EIEP11	Char 30	Relay Model. <del>Can be null</del>
Relay Number (see relative reference under Load Control Device).	EIEP11	Char 15	Relay number for the install
Relay Owner (see relative reference under Load Control Device).	EIEP11; Registry: RC-010; RS-030	Char 6	Relay meter equipment owner participant identifier
Remote register exists	EIEP11	Char 1	<del>Register</del> Channel has a remote register attached. Y = yes; or N = no
Report month	EIEP1; EIEP2; EIEP3; EIEP11;	YYYYMM	The month the report is run for. <b>Must match the month given in any header.</b>
Report period end date	EIEP1, EIEP2, EIEP4	DD/MM/YYYY	Report run end date (inclusive)
Report period start date	EIEP1, EIEP2, EIEP4	DD/MM/YYYY	Report run start date (inclusive)
Report run date	EIEP1, EIEP2, EIEP3, EIEP4, EIEP5, EIEP7, EIEP8, EIEP9, EIEP11, EIEP12X	DD/MM/YYYY	Date the report is run
Report run time	EIEP1, EIEP2, EIEP3, EIEP4, EIEP5, EIEP7, EIEP8, EIEP9, EIEP11, EIEP12X	HH:MM:SS	Time the report is run
Request type	AMI: MRR-010	Char 2	A = Ad hoc, S = Scheduled (this is a repeating request)
Required control type	AMI: MLC-010; MCA- 020; MCA- 020; MCA-030; MCA-030	Char 15	The method that is used to signal control of a control device within a metering installation. Refer to parameter table in relevant formats
Residential Flag	EIEP11	Char 1	Premises is residential; Y = yes; or N = no
Retail Tariff Code	EIEP6 Status Update and Closure	Char 6	<b>Tariff code assigned by the <del>retailer</del> trader</b>
Revision cycle	Rec Manager: GR-060; GR-070; GR-080; GR-090; GR-100; GR-110; GR-130; GR-140; GR-150; GR-160; GR-170	Num 2	Revision cycle relating to the revision that the RM has carried out.
Sales/submission ratio	Rec Manager: GR-130	Num 2.4	Sales/submission ratio calculated by the RM
Scaling factor	Rec Manager: GR-080	Num 2.5	Scaling factor calculated by the RM
Schedule	AMI: MRR-010	Char 2	Schedule for the frequency of meter reading.

Scorecard rating	Rec Manager: GR-070	Num 3.2	Scorecard rating calculated by the RM
Sender	EIEP1, EIEP2, EIEP3, EIEP4, EIEP12X	Char 50	Name of sending party. Participant identifier to be used if the sender is a participant.
Sent on behalf of	EIEP1, EIEP2, EIEP3, EIEP4, EIEP12X	Char 4	Participant identifier of party on whose behalf consumption or pricing data is provided
Serial number	EIEP 11	Char 15	Relay serial number for the install
Service request date and time	AMI: MRR-010; MRR-020; MRR-030; MDR-010; MDR-020; MDR-030; MDR-040; MLC-010; MLC-020; MEL-010; MEL- 020; MCA-010; MCA- 020; MCA-030; MRC-010; MRC-020; MRE-010	DD/MM/YYYY & HH:MM:SS	Date and time of the service request.
Service request number	EIEP6; EIEP7; EIEP11; AMI: MRR-010; MRR-020; MRR-030; MDR-010; MDR-020; MDR-030; MDR-040; MLC-010; MLC-020; MEL-010; MEL- 020; MCA- 010; MCA- 020; MCA-030; MRC-010; MRE-010; AMI: MRC-20	Char 15	Service Request (SR) number. Unique to a service request and sender.
Shape value	Rec Manager: GR-020	Num 12.2	The value in a trading period will be zero if the 'on and off time' indicates it was switched 'off'.
Shared ICP List	Registry: DC-010; DM-020; DS-010	Char 200	List of ICP numbers (space delimited) only valid if reconciliation type is SI
Site access	AMI: MCA- 020; MCA-030	Char 4	Mandatory where installation is new. 0001= no access problem; or 0002 = dog; or 0003 = keys required ; or 0004 = phone before installation; or 0005 = power off times need to be restricted; or Others may be added easily to this list.
Start date	EIEP1	DD/MM/YYYY	Consumption or Fixed start date. Null if status equals UB
Start time	EIEP5	HH:MM	Start time for interruption
Status	Rec Manager: GR-010	Char 1	Value no longer has meaning but retained for file integrity
Status Audit Number	Registry: PR-010	Char 15	Registry audit number
Status Change Code	EIEP7	Char 3	Status Change Code as contained in tables in EIEP7
Status Change Date	EIEP6; EIEP7	DD/MM/YYYY	Date of installation status change
Status change time	EIEP7	HH/MM/SS	Time of change in installation status. Can be null

Status date	EIEP6	DD/MM/YYYY	The date from when new status applied.
Status time	EIEP6	HH/MM/SS	The time from when new status applied.
Status type	AMI: MRR-010	Char 2	Status Change type; N = new; or C = change
Street/area affected	EIEP5	Char 255	Best description of locality affected
Surname	EIEP4	<del>Char 50</del> Char 100	Separated customer surname details (populate with separated company name(s) if customer includes a company)
Switch Advisory Code	Registry: RW-010	Char 3	Valid NW withdrawal advisory code from Registry static data table
Switch Count	EIEP11	Int 2	Number of switches installed
Switch Event Date	Registry: DS-010; <del>RC-010</del> ; RC-020; RS-030; RS-040	DD/MM/YYYY	Actual date ICP transfer will occur (switch event date).
Switch Position	EIEP11	Int 1	<del>Position of switch in relay</del> Position of switch in RelayLoad control device
Switch Rating	EIEP11	Int 2	Current rating Amps
Switch Read Acknowledgement	Registry: RC-020	Char 1	A = accepted; or R = rejected
Switch Response Code	Registry: RS-020	Char 2	Valid AN switch response code as published by the Authority
Switch Type	EIEP 11	Char 3	Normally open or Changeover
Switch Type Code	EIEP11; Registry: RS-010	Char 2	Type of switch being carried out, one of: S, SM, H, HM, NH, HN.
Switch Voltage	EIEP11	Int 3	Voltage for switch
Switch Withdrawal Status Code	Registry: RW-020	Char 1	A = accepted; or R = rejected
Tariff End Date	EIEP12	DD/MM/YYYY	The end date of the new tariff
<del>Tariff Rate see Network Tariff Rate.</del>	<del>EIEP12</del>	<del>Num 6.6</del>	<del>The specific tariff rate in dollars per unit</del>
Tariff Start Date	EIEP12	DD/MM/YYYY	The start date of the new tariff
Time	EIEP6; EIEP7	hh:mm:ss	Time of change
Title	EIEP4	Char 20	Separated customer title details
Total kWh	Rec Manager: GR-050	Num 12.2	Total kWh calculated by the RM
Total monthly historical estimate volume	Rec Manager: GR-170	Num 12.2	Total kWh submitted to the RM based on the historic estimate process

Total monthly submission volume	Rec Manager: GR-170	Num 12.2	Total kWh submitted by a participant to the RM
Total retailer consumption from submissions	Rec Manager: GR-130	Num 12.2	Total kWh submitted by a participant to the RM
Total retailer sales (electricity supplied)	Rec Manager: AV-120; GR-130	Num 12.2	Total retailer sales (electricity supplied) reported by a participant to the RM
<b>Trader reference</b>	<b>EIEP11</b>	<b>Char 12</b>	<b>Identifies the site in the traders system</b>
Trading name	EIEP4	Char 50	Concatenated into one field
Trading period	EIEP3; Rec Manager: AV-040; AV-050; GR-020; GR-060; GR-070	Int 2	Trading period – 1 to 48 (46 or 50 for Daylight Saving).
Trading period values	Rec Manager: AV-090; AV-100; AV-130; GR-10; GR-040; GR-045; AMI: MRR-020, MRR-030	Num 12.2	A series of comma delimited values representing electricity conveyed per trading period for half hour files.
Trading period values in kW (1...46/48/50)	Rec Manager: GR-010	Num 8	A series of comma delimited values representing electricity conveyed per trading period for half hour files.
Transfer Date	Registry: RS-020	DD/MM/YYYY	If the AN is in response to a type S and SM switch then expected transfer date is mandatory, or else optional.
Transformer Number	EIEP6; EIEP11;	Char 12	Transformer number if available. <b>Can be Null</b>
UFE balancing area	Rec Manager: GR-060	Num 12.2	Sum of the trading period UFE for the balancing area calculated by the RM
UFE factor for the balancing area	Rec Manager: GR-060	Num 2.4	UFE factor for the balancing area calculated by the RM
UFE NSP	Rec Manager: GR-060	Num 12.2	Unaccounted for electricity in kWh summed to the parent NSP
UFE participant	Rec Manager: GR-060	Num 12.2	Unaccounted for electricity in kWh summed to the participant
<b>Unique file identifier</b>	<b>EIEP1; EIEP2; EIEP3; EIEP7, EIEP8; EIEP12</b>	<b>Char 15</b>	<b>Number that uniquely identifies the file</b>

Unit quantity	EIEP1; EIEP2;	Num 12.2	Total quantity (e.g. consumption) for the given Unit Type; or <del>“1” where (multiplication value non unit reliant prices, such as daily or monthly prices or) any other measure applies; or</del> Null if status equals UB Unit quantity of injection or extraction (eg the volume in kWh), or the chargeable demand (eg chargeable capacity in kW), or set equal to “Chargeable days” (for fixed charges where the amount of the “Network charge” is explicitly determined by the chargeable days and the “Network Tariff rate”), or the number of chargeable items where “Unit of measure” is set to “Equipment”. Mandatory unless status equals UB
Units of Measure	EIEP1; EIEP2; EIEP11; Registry: RC-010; RS-030; Rec Manager: GR-010	Char 6	The type of unit in which data is supplied, from the registry static data table - e.g. kWh, kW, kVA, kVAh. The type of unit applicable to the value in “Unit Quantity” as per Unit of Measure type table subsequent to this EIEP. Mandatory unless status equals UB.
Unmetered Load Details	Registry: DC-010; DM-020; DS-010; RA-010; RM-020; RS-040	Char 50	Free text.
Unmetered Supply	EIEP11	Char 1	Unmetered supply present; Y = yes; or N = no
User name	Rec Manager: AV-050	Char 15	User name carrying out deletion
User name	Rec Manager: AV-050	Char 15	User name carrying out addition
User Reference	Registry: Various Registry files	Char 32	Free text.
Utility type	EIEP1; EIEP2; EIEP3; EIEP11;	Char 1	Type of energy supply; G = Gas; or E = Electricity
Version of EIEP	EIEP1; EIEP2; EIEP3; EIEP4; EIEP5; EIEP6; EIEP7; EIEP8; EIEP9; EIEP11; EIEP12	Num 3.1	Version of EIEP that is being used for this file.
Voltage category	EIEP6; EIEP11;	Char 2	Voltage of point of supply; HV = high voltage; or LV = low voltage “HV” for High Voltage or “LV” for Low Voltage