

ICP connection data fields and descriptions

| Field Name | Description (if value not directly obtained from the database) |
|----------------------------|--|
| ICP | |
| ICP Identifier | ICP identifier that the information is available for |
| Address | |
| Physical Address Region | Distributor's physical address recorded for the ICP. This may differ from a street address and may not be the same as the postal address. Permissible regions include: Auckland, Bay of Plenty, Canterbury, Gisborne, Hawkes Bay, Manawatu, Marlborough, Nelson & Bays, Northland, Otago, Southland, Taranaki, Timaru & Oamaru, Waikato, Wairarapa, Wanganui, Wellington, West Coast. |
| Physical Address Unit | |
| Physical Address Number | |
| Physical Address Street | |
| Physical Address Suburb | |
| Physical Address Town | |
| Physical Address Post Code | |
| GPS_Easting | The easting location. Optional but required if GPS_Northing is provided. New Zealand Transverse Mercator 2000 (NZTM2000) coordinates, as defined in Land Information New Zealand's LINZS25002 standard (Standard for New Zealand Geodetic Datum 2000 Projections). |
| GPS_Northing | The northing location. Optional but required if GPS_Easting is provided. New Zealand Transverse Mercator 2000 (NZTM2000) coordinates, as defined in Land Information New Zealand's LINZS25002 standard (Standard for New Zealand Geodetic Datum 2000 Projections). |
| Network | |
| Network | Participant identifier for the Distributors network that the ICP is connected to. Refer to the schedule of participant identifiers on the Authority's website. |
| POC | Point of connection that the distributor connects to its parent network |
| Reconciliation Type | Valid reconciliation type for distributor and ICP type |

| Field Name | Description (if value not directly obtained from the database) |
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| Generation Capacity | Generation nameplate capacity in kW of embedded generation connected at the ICP |
| Fuel Type | A valid Fuel Type of embedded generation connected at the ICP |
| Direct Billed Status | Indicates who, out of the Distributor or Trader, directly bills the customer for the lines charges. Valid values are: 'Retailer', 'Distributor', 'Neither', 'Both', 'TBA' and NULL. |
| Network pricing | |
| Distributor Price Category Code | A code assigned by a distributor to the ICP that relates to the distributors pricing schedule for network charging tariffs |
| Distributor Loss Category Code | A code assigned by a distributor to the ICP that must be used in reconciliation processes to reference the ICP volumes of electricity conveyed to the POC |
| Chargeable Capacity | Information populated by the distributor for use in network charging |
| Distributor Installation Details | Information populated by the distributor for use in network charging |
| Trader | |
| Trader | Participant identifier of the trader that has accepted responsibility for the ICP in the registry |
| Daily unmetered kWh | Means that unmetered load is connected at the ICP. Value must be decimal (to three decimal places) or 'ENG' if the load is profiled through an engineering profile in accordance with profile class 2.1 |
| Unmetered load details – Trader | Details of unmetered load connected at the ICP |
| Status | |
| ICP Status | Code that represents the energisation and connection status of the ICP 999—new; 000—ready; 001—inactive; 002—active; or 003—decommissioned. |

| Field Name | Description (if value not directly obtained from the database) |
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| Metering – Summary | |
| Metering Equipment Provider | The metering equipment provider recorded in the registry as responsible for the provision and certification of the metering installations at the ICP |
| Metering – Installation Information | |
| Metering Installation Category | 1 – 5. The metering category for the metering installation that the component is certified in. |
| Metering Installation Type | 'HHR' or 'NHH' or 'NON'. Must be 'NON' where the Number Of Components = 0. |
| Metering – Component Information | |
| Metering Component Serial Number | Serial number for the measurement device |
| Meter Type | HHR/NHH/PP |
| AMI Flag | Indicates if the meter is a communicating AMI device. |
| Compensation Factor | Commonly known as the multiplier. Maximum value is 999999.999 |
| Metering – Channel Information | |
| Channel number | Unique number that identifies the meter register assigned by the MEP. This number may be different to what is shown on the meter display itself |
| Register content code | Valid register content code from the static reference table stored in the registry. The register content code identifies when a meter register is active. A schedule of valid register content codes is contained in SD-020 of the registry functional specification |
| Period of availability | Records the minimum service hours per day that supply is available for. 24 means that the service is not subject to control by the retailer or distributor |
| Unit of Measurement | Units that the register measures in. Eg. kWh, kW, kVA, kVArh |
| Energy Flow Direction | Valid values are 'I' for injection (measures the flow of embedded generation that is injected by the ICP into the distributors network and 'X' extraction (measures the flow of consumption that is |

| Field Name | Description (if value not directly obtained from the database) |
|-------------------|--|
| | received by the ICP from the distributors network |
| Accumulator Type | <p>Valid values are</p> <p>'C' for cumulative. Means that electricity volumes must be calculated as the difference between a start read and an end read at two different dates, in the same was as vehicle odometers record distance and</p> <p>'A' for absolute. Means that electricity volumes are recorded directly by the meter register</p> |