



## Understanding your detailed consumption data

You will need to read this alongside your consumption data. This will help you understand the abbreviations and values you have been supplied.

Your consumption data is generated in a comma separated file format. This consists of a header row and one or more detail rows.

Here is an example of what the first few rows of your detailed data will look like:

```
HDR,ICPCONS,1.1,CTCT,CTCT,CUST,11/12/2015,CUST,48,01/07/2015,02/07/2015
DET,,0000163079TRXXX,000,NZST,213336328:1,X,7304,24,01/07/2015 00:00:00,01/07/2015 00:30:00,RD,0.606,0
DET,,0000163079TRXXX,000,NZST,213336328:1,X,7304,24,01/07/2015 00:30:00,01/07/2015 01:00:00,RD,0.548,0
DET,,0000163079TRXXX,000,NZST,213336328:1,X,7304,24,01/07/2015 01:00:00,01/07/2015 01:30:00,RD,0.583,0
```

- One header row (HDR). You can ignore this. This contains information regarding the creation of the file.
- Detail data rows (DET). The table below tells you what the values mean.

## What the detailed rows mean:

| What it is:         | Detail | ICP number. A unique number relevant to your property | Code that identifies the system response to your data request | Time relevant to when data was recorded   | Meter number that appears on the bill | The energy flow direction   | An industry standard code used to describe the type of meter setup you have |
|---------------------|--------|---|---|---|---------------------------------------|---|---|
| What it looks like: | DET    | 0000163079T<br>RXXX<br>(Example only)                 | 000 = Valid data  | NZST = New Zealand Standard Time<br>NZDT = New Zealand Daylight Savings Time<br>Blank = New Zealand Daylight Savings Time | 213336328:1<br>(Example only)         | X = The account is buying electricity<br>I = The account is selling electricity (e.g. if wind turbine or solar panels have sold electricity into the grid.) | 7304<br>(Example only)  |

| What it is:         | The number of hours per day that the meter registers consumption | The start date and time of the reported consumption. | The end date and time of the reported consumption | Actual read or Estimated read   | The consumption amount in kilowatt hours (kWh) | The reactive energy for consumption if measured at your property (kVARh) (Large business customers only) |
|---------------------|--|--|---|---|--|--|
| What it looks like: | 24<br>(Example only)   | 01/07/2015<br>00:00:00<br>(Example only)             | 01/07/2015<br>00:30:00<br>(Example only)          | RD = Consumption based on actual read<br>ES = Consumption based on estimated read | 0.606<br>(Example only)                        | 0<br>(Example only)  |