Understanding your Daily Data Report

25 June 2020

Part of Energy Queensland

How to interpret a Load Profile Report

The Daily Data report gives a detailed breakdown of the amount of electricity that has been consumed over a specific time period, as recorded by a specific electricity meter.

Below are example reports similar to what you will receive if you request Daily Data from your basic meter.

The data set you receive may vary based on the type of meter you have on site. Please refer the data explanation as per your meter below. Data set A applies to all meters manufactured by EDMI, whereas data set B applies to all other meters.

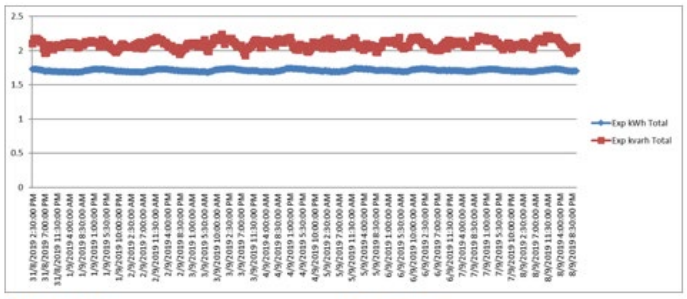
Data set A:

- All EDMI meters (including the Mk7A, Mk7C, Mk10, Mk10A, Mk10D and Mk10E meter models)

Data set B:

- AMPY-Email meters (including the EM1000D, EM1000E and EM1210 meter models)
- Email meters (including the Q4 meter model)
- Landis & GYR meters (including the U1325 meter model)

Example Report - Data Set A



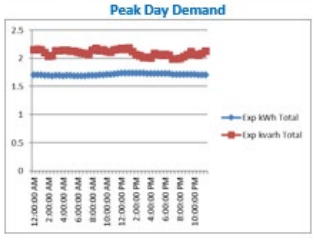
Top 10 Peak Demand Days

Demand peaks	Value (kWh)	Date	Time	AM/PM
1	1.743	04/09/2019	1:00:00	PM
2	1.741	05/09/2019	1:00:00	PM
3	1.737	03/09/2019	3:30:00	PM
4	1.734	06/09/2019	1:00:00	PM
5	1.734	08/09/2019	2:30:00	PM
6	1.732	31/08/2019	3:00:00	PM
7	1.731	01/09/2019	2:00:00	PM
8	1.731	02/09/2019	1:30:00	PM
9	1.731	07/09/2019	4:00:00	PM
10				

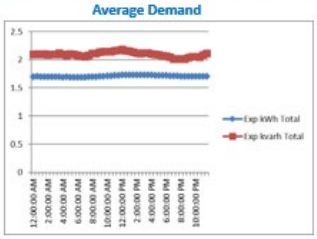
Top 10 Demand Events

Demand peaks	Value (kWh)	Date	Time	AM/PM
1	1.743	04/09/2019	1:00:00	PM
2	1.741	05/09/2019	1:00:00	PM
3	1.74	04/09/2019	12:00:00	PM
4	1.74	04/09/2019	1:30:00	PM
5	1.74	05/09/2019	12:30:00	PM
6	1.739	04/09/2019	12:30:00	PM
7	1.737	03/09/2019	3:30:00	PM
8	1.737	04/09/2019	2:30:00	PM
9	1.737	05/09/2019	2:00:00	PM
10	1.737	05/09/2019	3:00:00	PM

Peak Day Demand



Average Demand



Exp kWh Total

Power that has been exported from the electricity grid to the premises (consumption).

Exp kvarh Total

This is a measure of reactive power. Reactive power that has been exported from the electricity grid to the premises.

Imp kWh Total (if applicable)
Power that has been imported into the electricity grid from the premises (from a rooftop solar installation and/or other form(s) of power generation at the premises).

Imp kvarh Total (if applicable)

This is a measure of reactive power that has been imported into the electricity grid from the premises.

Example Report - Data Set B

kWh IMP

Power that has been imported into the premises from the electricity grid (consumption)

kVARh IMP

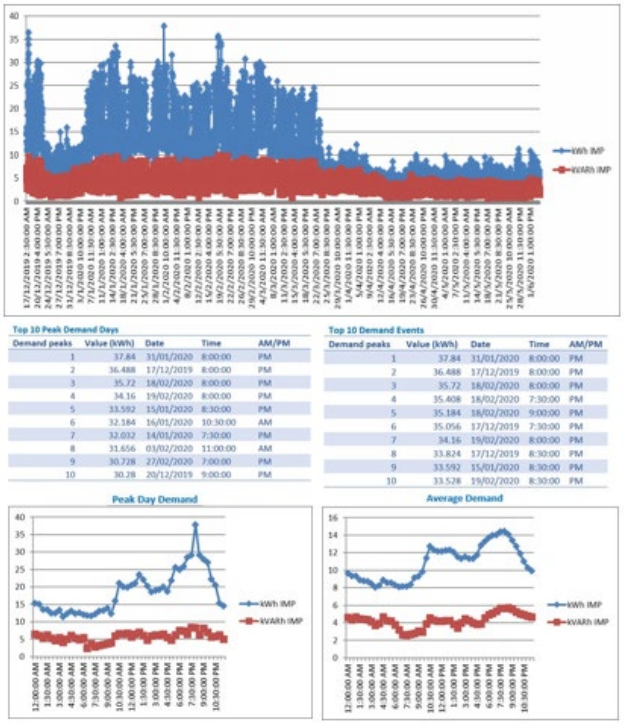
Reactive power that has been imported into the premises from the electricity grid.

kWh EXP

Power that has been exported from the premises to the electricity grid (from a rooftop solar installation and/or other form(s) of power generation at the premises).

kVARh EXP

Reactive power that has been exported from the premises to the electricity grid.



Common to both Data Set A & B

Daily Data History

Meter Consumption History is usage that is recorded at 30-minute interval.

NMI (National Metering Identifier)

A unique identifier for a metering installation, which may consist of 0 (unmetered), 1 or more meters.

Meter Serial Number

A meter is the device located at a connection point whereby electricity consumption can be recorded for billing purposes. The meter serial number is the unique identifier for the meter.

UOM (Unit of Measure)

This is kWh (kilowatt hour) for most household meters. Total energy in kWh is the product of power in kilowatts and the time in hours.

Top 10 Peak Demand Days

Top 10 peak demand days are the 10 days recording the highest consumption events (the highest amount of energy consumed during a half-hour interval).

Top 10 Peak Demand Events

Top 10 demand events are the 10 half-hour intervals recording the highest consumption amounts.

Peak Day Demand

Peak Day Demand is the overall usage on the day that has the highest instantaneous usage event.