



intelligent.

MDA file types

for raw data delivery.

the Metering Dynamics Meter Data Agent (MDA) can send data files directly to customers when arranged. The Meter Data File Format (MDFF) can vary dependent on customer requirements.

what are the standards across file types?

The file contents, file delivery and authorisations remain relatively standard between MDFF.

File contents

The following content is consistent across MDFF;

- All data is provided in Eastern Standard Time (EST). Daylight savings is never applied
- Data for all configured meter channels will be provided
- All NMI are delivered in the one file
- Intervals are 'PERIOD ENDING'

File delivery

Data files are currently delivered between 5.15am and 10.00am* via email or FTP.

Customers must provide the relevant details upon set-up;

Email

Delivery email address/es

FTP

URL/IP address, Username, Password, Folder Name (the root folder cannot be used)

*Please note: data file delivery can be requested to be earlier or later in the schedule, but the MDA cannot schedule files to be delivered at a specific time.

Authorisations

Various authorisations and /or forms may be required depending on; who is requesting the data and how the NMI is contracted to Metering Dynamics. The authorisations and forms include;

- Responsible Person (RP) approval (Current retailer)
- Customer approval
- Metering Dynamics data request form

Please note: Charges are generally applicable for the provision of third party data.

when and why are data files provided?

Generally customers request data files for one or more of the following reasons;

- Do not have access to an Informations system such as EMP Multi Plus or InfoDynamics
- Data is to be loaded into an internal or third party system
- Data is required for energy brokering

what MDFF's are available?

The following Meter Data File Formats are available from the Metering Dynamics MDA;

- PRN
- NEM12
- NEM13

Please note: the MDA can provide alternate report formats such as Contracted Energy and Power Factor in some instances.

For more information please contact Metering Dynamics:

Call 1300 792 611

Email sales@meteringdynamics.com.au

Visit www.meteringdynamics.com.au



PRN

- PRN files are ideal for loading into Excel
- Ongoing data is usually only monthly delivery, historical data is available
- Does not contain data status flags (substituted /finalised)
- PRN files are not sent until all subs are cleared, therefore delivery of the file may be delayed until finals are available for all NMI contained within the file

	A	B	C	D	E	F	G	H	I
1	RECORD ID	DATE	HOUR	IN	UN	KV	KVAR	KVAR	KW
2	XXXXXXXXXX-01	18/04/2014	15	15	KW	0	0	0	0
3	XXXXXXXXXX-01	18/04/2014	30	15	KW	0	0	0	0
4	XXXXXXXXXX-01	18/04/2014	45	15	KW	0	0	0	0
5	XXXXXXXXXX-01	18/04/2014	100	15	KW	0	0	0	0
6	XXXXXXXXXX-01	18/04/2014	135	15	KW	0	0	0	0
7	XXXXXXXXXX-01	18/04/2014	180	15	KW	0	0	0	0
8	XXXXXXXXXX-01	18/04/2014	145	15	KW	0	0	0	0
9	XXXXXXXXXX-01	18/04/2014	200	15	KW	0	0	0	0
10	XXXXXXXXXX-01	18/04/2014	235	15	KW	0	0	0	0
11	XXXXXXXXXX-01	18/04/2014	280	15	KW	0	0	0	0
12	XXXXXXXXXX-01	18/04/2014	245	15	KW	0	0	0	0
13	XXXXXXXXXX-01	18/04/2014	300	15	KW	0	0	0	0

NEM12

- Current AEMO format for interval meters
- Ongoing data is usually daily or monthly, historical data is available
- Data is across the page in 48 or 96 intervals depending on LNSP
- Data files are sent with substituted data, but finalised data is automatically sent when it becomes available

1	RECORD ID	DATE	HOUR	IN	UN	KV	KVAR	KVAR	KW
2	XXXXXXXXXX-01	18/04/2014	15	15	KW	0	0	0	0
3	XXXXXXXXXX-01	18/04/2014	30	15	KW	0	0	0	0
4	XXXXXXXXXX-01	18/04/2014	45	15	KW	0	0	0	0
5	XXXXXXXXXX-01	18/04/2014	100	15	KW	0	0	0	0
6	XXXXXXXXXX-01	18/04/2014	135	15	KW	0	0	0	0
7	XXXXXXXXXX-01	18/04/2014	180	15	KW	0	0	0	0
8	XXXXXXXXXX-01	18/04/2014	145	15	KW	0	0	0	0
9	XXXXXXXXXX-01	18/04/2014	200	15	KW	0	0	0	0
10	XXXXXXXXXX-01	18/04/2014	235	15	KW	0	0	0	0
11	XXXXXXXXXX-01	18/04/2014	280	15	KW	0	0	0	0
12	XXXXXXXXXX-01	18/04/2014	245	15	KW	0	0	0	0
13	XXXXXXXXXX-01	18/04/2014	300	15	KW	0	0	0	0

NEM13

- Current AEMO format for cyclic (basic) meters
- Only file available for cyclic data
- Substituted/estimated data is not replaced unless the next actual read proves the previous estimate was significantly over or under estimated

	PRN	NEM12	NEM13
Excel Compatible	YES	NO	NO
Data Orientation	DOWN	ACROSS	ACROSS
Data Type	INTERVAL	INTERVAL	CYCLIC
Includes SUBS	NO	YES	NO
Includes data Status	NO	YES	YES
Interval length	As per LNSP	As per LNSP	MTH / QRT
Ongoing Delivery Schedule	Monthly	Daily or Monthly	Daily
Historical files available	YES	YES	YES
Delivery Time*	5.15am - 10.00am	5.15am - 10.00am	5.15am - 10.00am

Due to timing delays, recipients of MDFF files should rely on the information provided as being accurate at the time of sending the data.