

E-MON ENERGY™ SYSTEM STARTUP CHECKLIST

The following items must be COMPLETED AND INITIALED by the appropriate party before a technician can be scheduled for a site visit to perform the final checkout and startup of the E-Mon Energy™ system. If the following items are not completed/initialed before the final checkout and startup, **CHARGES WILL BE ASSESSED** based on the daily service rate schedule.

- | | COMPLETE | INITIALS |
|--|--|----------------|
| 1. All meters must be installed and operational. | <input type="checkbox"/> | _____ |
| 2. Meter #1 must be mounted/installed within 100 feet of the IDR.
Meters #2-8 must be mounted/installed within 500 feet of the IDR (if applicable). | <input type="checkbox"/>
<input type="checkbox"/> | _____
_____ |
| 3. All IDR/Class 3000 meter cabling must be run and installed (if applicable). | <input type="checkbox"/> | _____ |
| 4. All IDR/Class 3000 RS-485 communication cables must be installed and "wrung out" to ensure their integrity. | <input type="checkbox"/> | _____ |
| 5. The cable extending to the computer must be run and "wrung out." | <input type="checkbox"/> | _____ |
| 6. The software/hardware key and associated cables must be on site with the end user. | <input type="checkbox"/> | _____ |
| 7. The SPECIFIED computer and/or modem/LAN connections (if applicable), including telephone lines, must be installed and operating. This includes associated 120V outlets and IP addresses, if applicable. | <input type="checkbox"/> | _____ |
| 8. Forms #1-5 (attached) must be completed by the owner/installer and sent/faxed to E-Mon. | <input type="checkbox"/> | _____ |
| 9. Send/fax a copy of your utility bill to E-Mon along with completed forms #1-5. Utility bill must include rate and schedule information. | <input type="checkbox"/> | _____ |

NO WORK CAN BE PERFORMED BY E-MON OR ITS REPRESENTATIVES UNTIL ALL OF THE ABOVE ITEMS ARE COMPLETED.

THIS SHEET (AND ATTACHED FORMS) MUST BE SIGNED AND RETURNED BY MAIL OR FAX TO E-MON. E-MON'S SERVICE DEPARTMENT REQUIRES TWO WEEKS AFTER RECEIPT OF ALL THE SIGNED FORMS TO PREPARE FOR FINAL CHECKOUT AND STARTUP OF THE SYSTEM. E-MON WILL SCHEDULE THE FINAL CHECKOUT AND STARTUP AS CLOSE TO TWO WEEKS AFTER RECEIPT OF COMPLETED MATERIAL AS IS PRACTICAL.

NAME: (print) _____

SIGNATURE: _____

Return these completed forms to: E-Mon, Attn: Startup Service, One Oxford Valley, Suite 418, Langhorne, PA, 19047, or fax: (215) 752-3094.



E-MON ENERGY™ STARTUP FORM #1 ADDRESS INFORMATION

E-Mon D-Mon®
Metering Products & Systems



This form should be completed by the installer to identify the following:

- (a) Name and address of installed equipment (SITE LOCATION)
- (b) Name and address of software user (END USER)
- (c) Name and address of the installer (INSTALLER)
- (d) Purpose of the system (APPLICATION); for example, tenant billing, load profiling, etc.

(a) SITE LOCATION (If multiple site locations, please include a list of each site address.)

Building Name: _____
Company Name: _____
Address: _____
City/State/Zip: _____
Contact: _____ Title: _____
Phone: _____ Fax: _____ E-Mail: _____

(b) END USER INFORMATION (COMPUTER LOCATION)

Company Name: _____
Address: _____
City/State/Zip: _____
Contact: _____ Title: _____
Phone: _____ Fax: _____ E-Mail: _____

(c) INSTALLER INFORMATION

Company Name: _____
Address: _____
City/State/Zip: _____
Contact: _____ Title: _____
Phone: _____ Fax: _____ E-Mail: _____

(d) APPLICATION billing load profiling usage profiling other: _____

(e) JOB SITE CONDITIONS construction finished office other: _____

E-Mon®

E-MON ENERGY™ STARTUP FORM #3 IDR AND CLASS 3000 INFORMATION

This form should be completed by the end user to specify the parameters in which the IDR(s) will calculate demand and the manner in which meter data will be stored. Refer to your utility bill to complete this form.

If you are not familiar with how your utility is billing you please check the box at the bottom of this page and attach a copy of your latest utility bill.

The setup on this form applies to: All IDRs/3000s on system
 Specified IDRs/3000s
IDR/3000 # (A-Z) _____

PEAK DEMAND CALCULATION (Choose one for each)

Peak Demand Interval: 15 Min (Default) 30 Min 60 Min
Demand Sliding Window: 5 Min 15 Min (Default) Reset
Demand Window Sync: Internal (Default) External

PROFILE INFORMATION (Choose one for each)

Profiling Sampling Rate:

- 5 Min (12 days of data storage)
- 15 Min (36 days of data storage) (Default)

Collection Mode:

- Flip (Keep most recent data) (Default)
- Fixed (Stop when storage is full)

Don't Know (Copy of utility bill is included)

E-MON ENERGY™ STARTUP FORM #4 METER INFORMATION FOR IDRS



This form should be completed by the installer (with input by the end user) to supply the necessary meter information REQUIRED to complete the final checkout and startup. This information is entered into the system during the software training. One form MUST be filled out for EACH IDR in the system.

IDR INFORMATION

IDR Code (Located on unit interior): _____ Serial #: _____
Installation Location: _____
Date: __/__/__ Time: _____

METER INFORMATION

Note: A "set" of sensors consists of three sensors; for example, 6 sensors equals 2 sets.

Note: Specify Meter Type: E = Electric, G = Gas, W = Water

*Note: Meter Pulse Value applies to products not supplied by E-Mon.

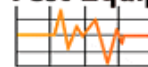
Meter # 1 (Connected to IDR Port 1) Serial #: _____
Name (Tenant, Panel, etc.): _____
Address for billing: _____ Phone: _____
Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____
Number of sets of sensors installed on this meter: _____ Amperage: _____

Meter # 2 (Connected to IDR Port 2) Serial #: _____
Name (Tenant, Panel, etc.): _____
Address for billing: _____ Phone: _____
Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____
Number of sets of sensors installed on this meter: _____ Amperage: _____

Meter # 3 (Connected to IDR Port 3) Serial #: _____
Name (Tenant, Panel, etc.): _____
Address for billing: _____ Phone: _____
Model Number of Meter: _____ Meter Type: E _____ Meter Pulse Value*: _____
Number of sets of sensors installed on this meter: _____ Amperage: _____

Meter # 4 (Connected to IDR Port 4) Serial #: _____
Name (Tenant, Panel, etc.): _____
Address for billing: _____ Phone: _____
Model Number of Meter: _____ Meter Type: E _____ Meter Pulse Value*: _____
Number of sets of sensors installed on this meter: _____ Amperage: _____





Meter # 5 (Connected to IDR Port 5)

Serial #: _____

S1	S2	S3
ML	AL	

Name (Tenant, Panel, etc.): _____

Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: _____ Amperage: _____ P _____ F _____ C _____

Meter # 6 (Connected to IDR Port 6)

Serial #: _____

S1	S2	S3
ML	AL	

Name (Tenant, Panel, etc.): _____

Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: _____ Amperage: _____ P _____ F _____ C _____

Meter # 7 (Connected to IDR Port 7)

Serial #: _____

S1	S2	S3
ML	AL	

Name (Tenant, Panel, etc.): _____

Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: _____ Amperage: _____ P _____ F _____ C _____

Meter # 8 (Connected to IDR Port 8)

Serial #: _____

S1	S2	S3
ML	AL	

Name (Tenant, Panel, etc.): _____

Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

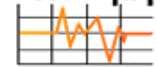
Number of sets of sensors installed on this meter: _____ Amperage: _____ P _____ F _____ C _____

E-MON ENERGY™ STARTUP FORM #5 CLASS 3000 METER INFORMATION

E-Mon D-Mon®

Metering Products & Systems

**Test Equipment
Depot**



1-800-517-8431

This form should be completed by the installer (with input by the end user) to supply the necessary meter information REQUIRED to complete the final checkout and startup. This information is entered into the system during the software training.

CLASS 3000 METER INFORMATION

Note: A "set" of sensors consists of three sensors; for example, 6 sensors equals 2 sets.

*Note: Specify Meter Type: E = Electric, G = Gas, W = Water (applies when external input channel is used)

*Note: Meter Pulse Value applies when external input channel is used.

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here if pulse input Name: (Tenant, Panel, etc.) _____
 Address for billing: _____ Phone: _____
 Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: ___ P ___ F ___ C ___

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here if pulse input Name: (Tenant, Panel, etc.) _____
 Address for billing: _____ Phone: _____
 Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: ___ P ___ F ___ C ___

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here if pulse input Name: (Tenant, Panel, etc.) _____
 Address for billing: _____ Phone: _____
 Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

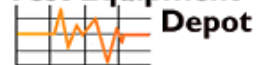
Number of sets of sensors installed on this meter: ___ Amperage: ___ P ___ F ___ C ___

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here if pulse input Name: (Tenant, Panel, etc.) _____
 Address for billing: _____ Phone: _____
 Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: ___ P ___ F ___ C ___

E-Mon®



3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here Name (Tenant, Panel, etc.): _____
if pulse input

 Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: _____ P _____ F _____ C _____

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here Name (Tenant, Panel, etc.): _____
if pulse input

 Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: _____ P _____ F _____ C _____

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here Name (Tenant, Panel, etc.): _____
if pulse input

 Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: _____ P _____ F _____ C _____

3000 Meter ID: _____ (Located on door inside meter) Serial #: _____

Check here Name (Tenant, Panel, etc.): _____
if pulse input

 Address for billing: _____ Phone: _____

Model Number of Meter: _____ Meter Type: _____ Meter Pulse Value*: _____

Number of sets of sensors installed on this meter: ___ Amperage: _____ P _____ F _____ C _____

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176

FAX 781.665.0780 - TestEquipmentDepot.com