1. Unpack the monitor, antenna and the data/power cable. The data/power cable is a black cable with DB9 data connectors on two ends and red/black wires emerging from the connector labeled 'OmniMetrix END'. Take a moment to inspect all components to verify there is no shipping damage.

2. MPS installs occur at the system controller cabinet. Place the antenna vertically on the exterior of the system cabinet and route the antenna cable inside the enclosure. The antenna used for transmitting must be installed to provide a separation distance of at least 20 cm from all persons and must not transmit simultaneously with any other antenna transmitters. BE SURE to provide a drip loop lower than the monitor to keep water from running down the antenna cable into the monitor connection.

3. Attach the monitor via its magnetic feet, inside the controller cabinet or other appropriate location. Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary. *Note: If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.*

4. Attach the antenna cable to the front of the monitor and tighten thumb tight.

5. Connect the RED wire to TB1 and the BLACK wire to TB2.

6. Plug the data cable end labeled 'OmniMetrix END' into the DB9 connector on the front of the monitor and tighten screws.

7. Have the technician verify that the diagnostic port is set to 9600 baud rate, 8 bits, no parity, and 1 stop bit in order to communicate with the monitor. Plug the data cable end labeled 'Generac END' into the Generac GenLink data connector (diagnostic port) and tighten screws.

8. Turn on the monitor and confirm that the LEDs light up and blink. If not, check for power on the terminal strip. If, after 5 minutes, the only LED lit is the Power LED, check the antenna mount and cable connection.

9. Allow 15 minutes for the monitor to log into the network and then call OmniMetrix® at 770-209-0012 to confirm installation. Access machine data through the OmniView® web interface at www.omnimetrix.net. Contact OmniMetrix Tech Support for login instructions and web training.
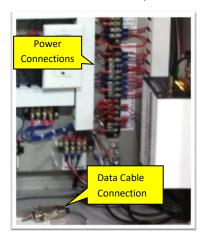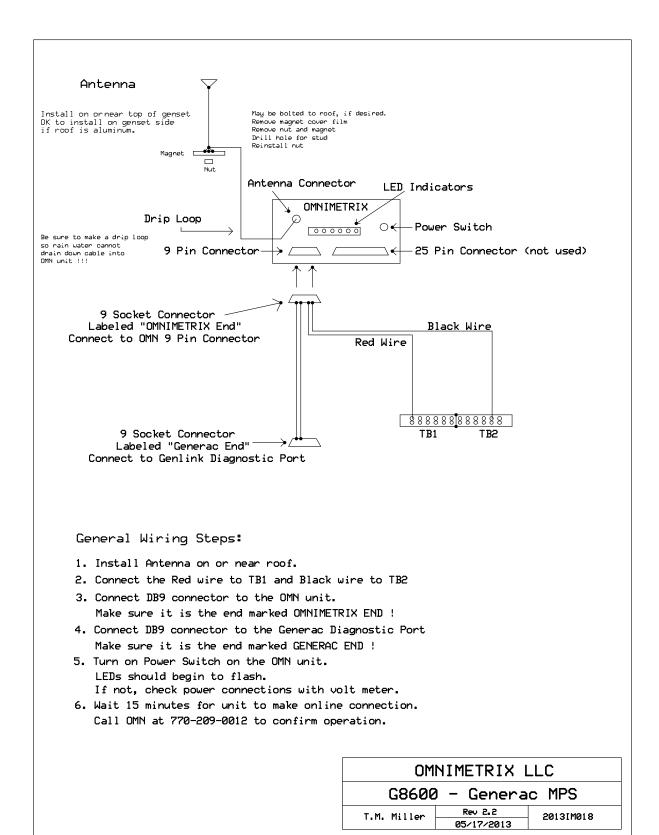

Data/Power Cable

MPS System Controller

MPS Controller - Open

Power Connections

Data Cable Connection

Power and Data Connections

Antenna

Install on or near top of genset
OK to install on genset side
if roof is aluminum.

May be bolted to roof, if desired.
Remove magnet cover film
Remove nut and magnet
Drill hole for stud
Reinstall nut

Magnet

Nut

Antenna Connector

LED Indicators

OMNIMETRIX

Drip Loop

Power Switch

Be sure to make a drip loop
so rain water cannot
drain down cable into
OMN unit !!!

9 Pin Connector

25 Pin Connector (not used)

9 Socket Connector
Labeled "OMNIMETRIX End"
Connect to OMN 9 Pin Connector

Black Wire

Red Wire

9 Socket Connector
Labeled "Generac End"
Connect to Genlink Diagnostic Port

TB1   TB2

General Wiring Steps:

1. Install Antenna on or near roof.
2. Connect the Red wire to TB1 and Black wire to TB2
3. Connect DB9 connector to the OMN unit.
   Make sure it is the end marked OMNIMETRIX END !
4. Connect DB9 connector to the Generac Diagnostic Port
   Make sure it is the end marked GENERAC END !
5. Turn on Power Switch on the OMN unit.
   LEDs should begin to flash.
   If not, check power connections with volt meter.
6. Wait 15 minutes for unit to make online connection.
   Call OMN at 770-209-0012 to confirm operation.

OMNIMETRIX LLC		
G8600 - Generac MPS		
T.M. Miller	Rev 2.2 05/17/2013	2013IM018

If you have any questions, please call OmniMetrix Tech Support at 770-209-0012 or email at techsupport@omnimetrix.net.

OMNIMETRIX
GLOBAL MONITORING + CONTROL

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