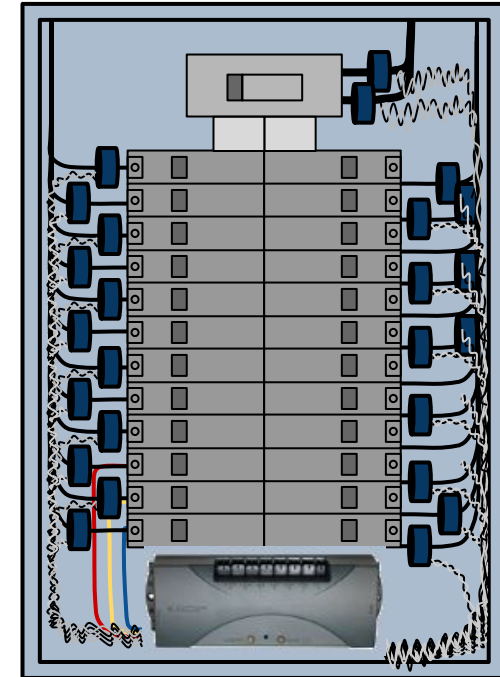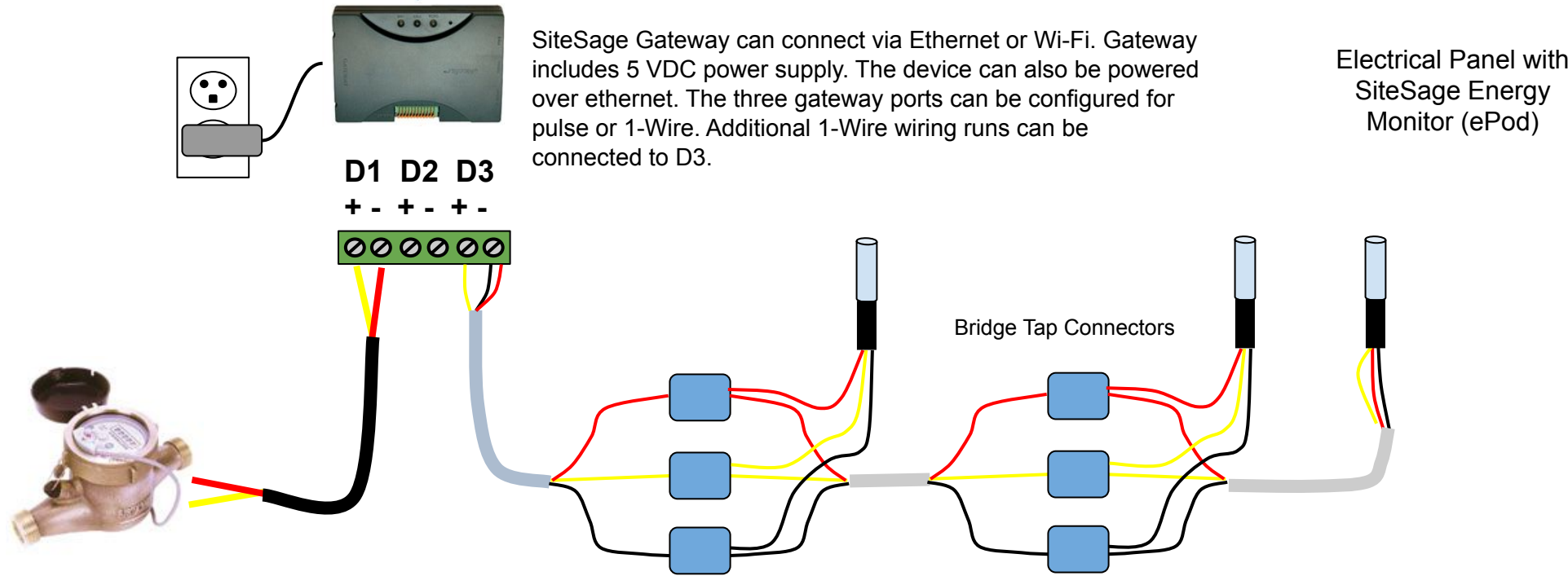# POWERWISE SYSTEMS HARDWARE DIAGRAM

SiteSage Energy Monitor, V5 Gateway, sPod, Sensors, Flow Meter
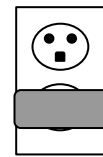
PowerWise
124 Main Street
Bucksport, ME 04416
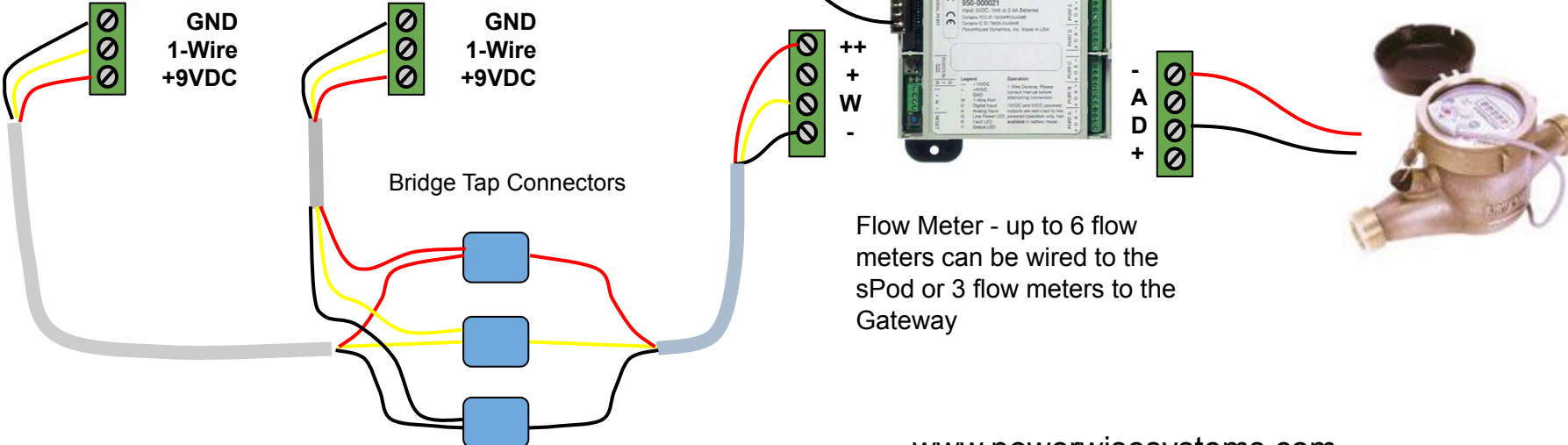
SiteSage Gateway can connect via Ethernet or Wi-Fi. Gateway includes 5 VDC power supply. The device can also be powered over ethernet. The three gateway ports can be configured for pulse or 1-Wire. Additional 1-Wire wiring runs can be connected to D3.

D1   D2   D3
+ -   + -   + -

Bridge Tap Connectors

Electrical Panel with SiteSage Energy Monitor (ePod)

WiTemp+ wireless temp sensor

VOC / CO2, RH, and Temp Sensors

**GND
1-Wire
+9VDC**

**GND
1-Wire
+9VDC**

Bridge Tap Connectors

Sensor Pod (sPod)

**++
+
W
-**

**-
A
D
+**

Flow Meter - up to 6 flow meters can be wired to the sPod or 3 flow meters to the Gateway

NOTES:

I. Gateway must be within 30 feet of the SiteSage Energy Monitor (ePod), WiTemp+, and the sPod.

II. ePod is powered by a 15A breaker inside the panel. Up to 14/15 current transformers can plug into the ePod. xPods (not pictured) allow up to 10 more CTs. Up to 3 xPods can plug into the epod.

III. PowerWise recommends using CAT5 or better with one twisted pair for the 1-Wire signal and ground. Do not run 1-Wire next to high-voltage wires. Sensor wiring trunks should be 100 feet or less. The trunk wire should not be spliced by cutting. Splices to the trunk should be 5 feet or more apart.

IV. Maximum number of sensors that require power is 2 per Sensor Pod. Temp sensors do not require power.

V. Wire one 1-Wire temp sensor or a pulse meter to the WiTemp+.

www.powerwisesystems.com