

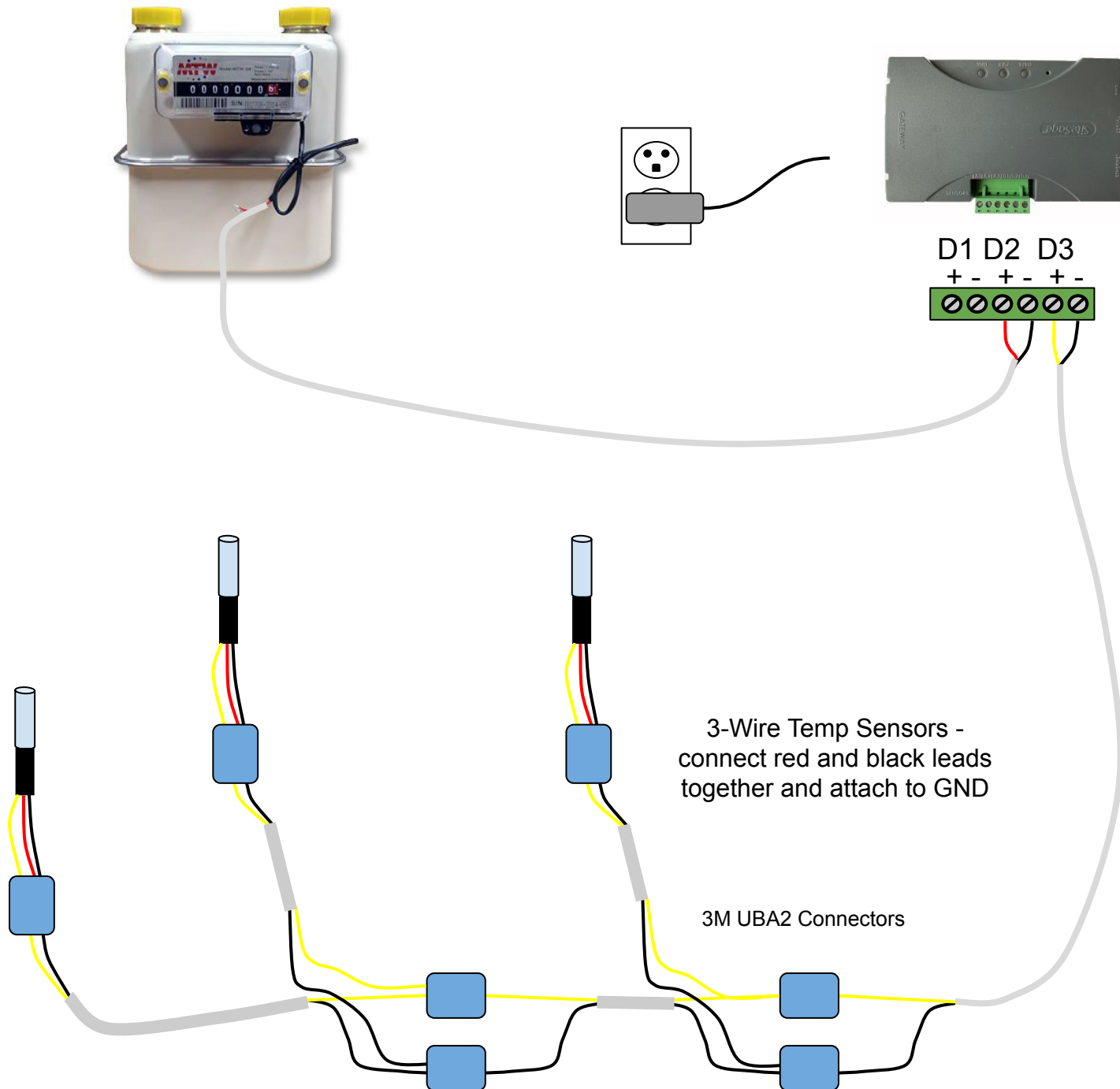
POWERWISE V5 GATEWAY, 1-WIRE, GAS METER WIRING DETAIL 1.0



PowerWise
124 Main St
Bucksport, ME 04416

Gas Meter

SiteSage Gateway



NOTES:

- I. Gateway must be within 30 feet of the SiteSage Energy Monitor (not pictured but located in electrical panel). Gateway connects to a network via ethernet or wireless.
- I. The SiteSage V5 Gateway includes 5 VDC power supply. The device can also be powered over managed POE (power over ethernet) switches.
- II. Sensor wiring trunks should be 100 feet or less.
- III. PowerWise recommends using CAT5 or better with one twisted pair for the 1-Wire signal and ground.
- IV. Maximum number of sensors is 5 per Gateway.
- V. The trunk wire should not be spliced by cutting. Best results can be achieved using insulation displacement splices like the 3M UB2A Connector. See https://www.youtube.com/watch?v=Y6hGU2W_M4
- VI. Splices to the trunk should be 5 feet or more apart.
- VII. Do not run 1-Wire next to high-voltage wires.