

Town of Lewiston Addendum

Site Events

Date	Event
3/11/2010	Data logger installed: WG and FGE began recording
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Hardware

Device	Serial #	Output	Multiplier	Notes
Sage SRP-05-15		CF & CFM	1	Relay 1
E-Mon D-Mon		KWh (acc)	.25	100 amp CT's in back of monitored micro-turbine

Database Setup

<u>Chan Name</u>	<u>Device</u>	<u>column</u>
WG ,	mb-250 ,	4
FGE ,	mb-250 ,	9

Sensor Verification

Power Meters

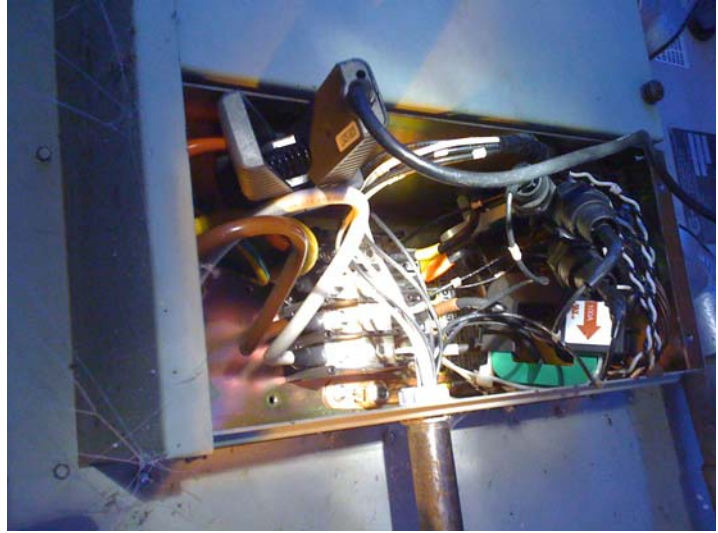
	Fluke	Obvius	% Diff
Engine Power	8.7+8.6+8.9= 26.2 kW	26	0.77%
Engine Eff (%)=	22.58%		

Biogas Flow Meters

	Sage (acc)	Sage (cf/hr)	Obvius (acc)	Obvius (cf/hr)	% Diff
2:16	7930	-	22	-	-
2:24	8018	660	108	645	2.33%



Capstone Micro Turbine



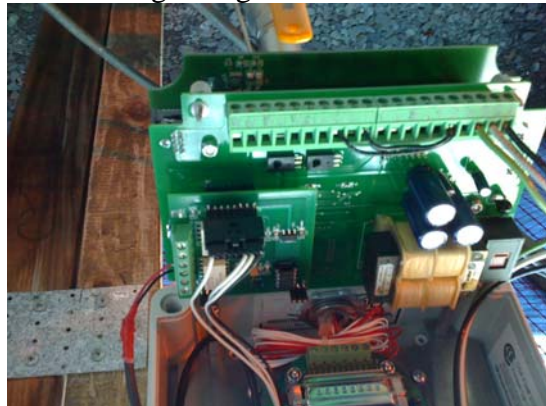
CT's for E-Mon D-Mon power meter



AcquiLite Data Logger



Sage Biogas Flow Meter



Sage Wiring