

Renewable Energy Credit Report by Quarter for David Sweetman					
	Q1-12	Q2-12	Q3-12	Q4-12	Total
	1/1-4/1	4/1-7/1	7/1-10/1	10/1-1/1	2012
Electrical					
PV AC Power (kWh) Trackers	2556.9	4948.2	4375.7	3208.4	15089.2
PV AC Power (kWh) Fixed	1704.7	2396.5	1872.4	1612.8	7586.4
PV AC Power (kWh) new tracker				1068.4	
Total PV AC Power	4261.6	7344.7	6248.1	5889.6	23744.0
Wind DC Power (kWh)	388.6	61.5	295.9	172.5	918.5
Total AC Power (KWh) Produced	4619.1	7401.3	6520.3	6048.3	24589.0
Solar Thermal (kWh)					
System 1 (DHW, pool)	1221.4	1618.7	1368.3	975.4	5183.8
System 2 (radiant floor)	1326.6	690.2	362.7	1049.9	3429.4
System 3 (train room)	1075.7	1317.7	1374.5	1049.2	4817.1
System 4 (craft room)	1453.1	1620.1	1707.1	1450.3	6230.6
Total Solar Thermal (kWh)	5076.8	5246.7	4812.6	4524.8	19660.9
Total Renewable Reported (kWh)	9727.0	12652.9	11356.6	10586.9	44323.4
VEA (AC kWh)					
Total Bought	9602.0	3511.0	4547.0	8891.0	26551.0
Total Sold	945.0	2663.0	1692.0	1849.0	7149.0
Total Consumed	13276.1	8249.3	9375.3	13090.3	43991.0

1Q Avg/M	2Q Avg/M	3Q Avg/M	4Q Avg/M
852.3	1649.4	1458.6	1069.5
568.2	798.8	624.1	537.6
			356.1
1420.5	2448.2	2082.7	1963.2
129.5	20.5	98.6	57.5
1539.7	2467.1	2173.4	2016.1
407.1	539.6	456.1	325.1
442.2	230.1	120.9	350.0
358.6	439.2	458.2	349.7
484.4	540.0	569.0	483.4
1692.3	1748.9	1604.2	1508.3
3242.3	4217.6	3785.5	3529.0
3200.7	1170.3	1515.7	2963.7
315.0	887.7	564.0	616.3
4425.4	2749.8	3125.1	4363.4

Note: Total produced (in AC kWh) is less than sum of PV (in AC kWh) + Wind (in DC kWh)

Note: 1Q: DHW solar collector out (broken cover); tracker batteries bad, C-40's out, one string out.

2Q: In May replaced PWM charge controllers with MPPT charge controllers.