

2011 DATA for Echo Lake Gooch Residence 7.74 KW PV system

Excess KWH made for the year 950
 Dollar credit for the year \$ 101
 PV covers this percent of out KWH energy needs: 110%
 One year savings due to PV \$1,186

	YEAR TOTALS		MONTHLY AVE		DAILY AVE	
	KWH	Cost	KWH	Cost	KWH	Cost
Total KWH used	9911		826		27.2	
Total PV made	10861		905		29.8	
Net	-950	\$ (309.95)	-79	\$(25.83)	-2.6	\$(0.85)
Net cost with meter charges		\$ (101.24)		\$ (8.44)		\$(0.28)
PV directly used for residential	1841		153		5.0	
PV to grid applied to residential	9020		752		24.7	
PV credited (used by REA)	6360	\$ (584.87)	530	\$(48.74)	17.4	\$(1.60)
residential	4501		375		12.3	
offpeak	5410	\$ 274.92	451	\$ 22.91	14.8	\$ 0.75
residential (freezer, refrigerator, ERV, lights, ...)	4501	\$ 413.91	375	\$ 34.49	12.3	\$ 1.13
hot water	2040	\$ 103.67	170	\$ 8.64	5.6	\$ 0.28
heating	3170	\$ 161.09	264	\$ 13.42	8.7	\$ 0.44
cooling	200	\$ 10.16	17	\$ 0.85	0.5	\$ 0.03
Total (energy bill excluding PV)		\$ 688.83		\$ 57.40		\$ 1.89
Total (energy bill if just residential/offpeak rates + meter + taxes)		\$1,084.77		\$ 90.40		\$ 2.97
Savings due to PV		\$1,186.01		\$ 98.83		\$ 3.25