



### Net Metering Return on Investment

Size in kW of panels	10
System generation kWh per year	11980
Cost of net metering system	27000
Annual optional insurance 0.2% of cost	54
Other annual	
Grid power cost per kWh	0.15
Anticipated rate of hydro rate increase 3%	3%
Annual hydro bill reduction possible	1743

\$ saved	Year	panel drop	Hydro rate
\$1,743.00	1	0.995	0.15
\$3,569.85	2	0.987	0.1545
\$5,436.25	3	0.979	0.159135
\$7,342.94	4	0.971	0.163909
\$9,290.64	5	0.963	0.168826
\$11,280.11	6	0.955	0.173891
\$13,312.10	7	0.947	0.179108
\$15,387.37	8	0.939	0.184481
\$17,506.68	9	0.931	0.190016
\$19,670.82	10	0.923	0.195716
\$21,880.56	11	0.915	0.201587
\$24,136.70	12	0.907	0.207635
\$26,440.02	13	0.899	0.213864
\$28,791.33	14	0.891	0.22028
\$31,191.43	15	0.883	0.226888
\$33,641.14	16	0.875	0.233695
\$36,141.27	17	0.867	0.240706
\$38,692.64	18	0.859	0.247927
\$41,296.08	19	0.851	0.255365
\$43,952.42	20	0.843	0.263026
\$46,662.48	21	0.835	0.270917
\$49,427.10	22	0.827	0.279044
\$52,247.11	23	0.819	0.287416
\$55,123.35	24	0.811	0.296038
\$58,056.65	25	0.803	0.304919
\$61,047.86	26	0.795	0.314067
\$64,097.79	27	0.787	0.323489

Internal Rate of Return	30%
ROI (Return on Investment) over 20 years	43.31%
Average ROI over 20 years	3.61%