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Solar Generation System 500 kW

Assumptions:

Gross Cost	$3,250,000	
Net Cost After Rebate	$1,392,000	
Total Borrowing	$1,542,000	
Annual Production:	660,000	
RECs Available for Sale	660	
REC Price Assumptions	238	Reduce by 3% per year
Avoided Electricity Assumptions	0.12	
Annual Debt Service Assumptions		
Net Price at 75% at 0%/25% at 4.75%	88,000	
Avoided Electricity Inflation	3%	

	Year 1	Year 5	Year 10	Year 15	Year 20	Year 25	Total
REC Revenue	$156,750	$138,770	$119,166	$102,332	$87,876	$75,462	$2,785,057
Avoided Electricity	75,900	85,426	99,032	114,806	133,091	154,289	2,767,258
	232,650	224,196	218,199	217,138	220,967	229,751	5,552,315
Debt Service	(88,000)	(88,000)	(88,000)	(88,000)	(88,000)	-	(1,760,000)
Inverter Replacement			(36,000)	(36,000)	(36,000)	(36,000)	(720,000)
Insurance Premium	(7,000)	(7,000)	(7,000)	(7,000)	(7,000)	(7,000)	(175,000)
	(95,000)	(95,000)	(131,000)	(131,000)	(131,000)	(43,000)	(2,655,000)
Net (Cost)/Savings per Year	$137,650	$129,196	$87,199	$86,138	$89,967	$186,751	$2,897,315
Savings/(Cost) per kilowatt	0.21	0.20	0.14	0.14	0.15	0.31	0.18
Cumulative (Cost)/Savings	$137,650	$666,078	$1,112,067	$1,542,920	$1,983,136	$2,897,315	$1,817,602 = Net Present Value of Savings