

**RETScreen® Financial Summary - Photovoltaic Project**

Annual Energy Balance				
Project name	Miscelanea Hernandez			
Project location	Parras, Coahuila, MX		Nominal PV array power	kWp 2.80
Renewable energy delivered	MWh	4.468		
Firm RE capacity	kW	-		
Application type	On-grid			

Financial Parameters				
Avoided cost of energy	\$/kWh	0.298	Debt ratio	% 0.0%
RE production credit	\$/kWh	-		
			Income tax analysis?	yes/no No
Energy cost escalation rate	%	3.1%		
Inflation rate	%	3.7%		
Discount rate	%	0.0%		
Project life	yr	25		

Project Costs and Savings				
<b>Initial Costs</b>			<b>Annual Costs and Debt</b>	
Feasibility study	0.0%	\$ -	O&M	\$ -
Development	0.0%	\$ -	Fuel	\$ -
Engineering	0.0%	\$ -		
Energy equipment	85.9%	\$ 15,120	<b>Annual Costs and Debt - Total</b>	<b>\$ -</b>
Balance of equipment	13.6%	\$ 2,387		
Miscellaneous	0.5%	\$ 88	<b>Annual Savings or Income</b>	
<b>Initial Costs - Total</b>	<b>100.0%</b>	<b>\$ 17,595</b>	Energy savings/income	\$ 1,332
Incentives/Grants		\$ -	<b>Annual Savings - Total</b>	<b>\$ 1,332</b>
<b>Periodic Costs (Credits)</b>			Schedule yr # 12,24	
Inverter Repair/Replacement		\$ 2,939		
		\$ -		
		\$ -		
End of project life -		\$ -		

Financial Feasibility				
Pre-tax IRR and ROI	%	7.2%	Calculate energy production cost?	yes/no No
After-tax IRR and ROI	%	7.2%		
Simple Payback	yr	13.2		
Year-to-positive cash flow	yr	11.0	Project equity	\$ 17,595
Net Present Value - NPV	\$	21,547		
Annual Life Cycle Savings	\$	862		
Benefit-Cost (B-C) ratio	-	2.22		

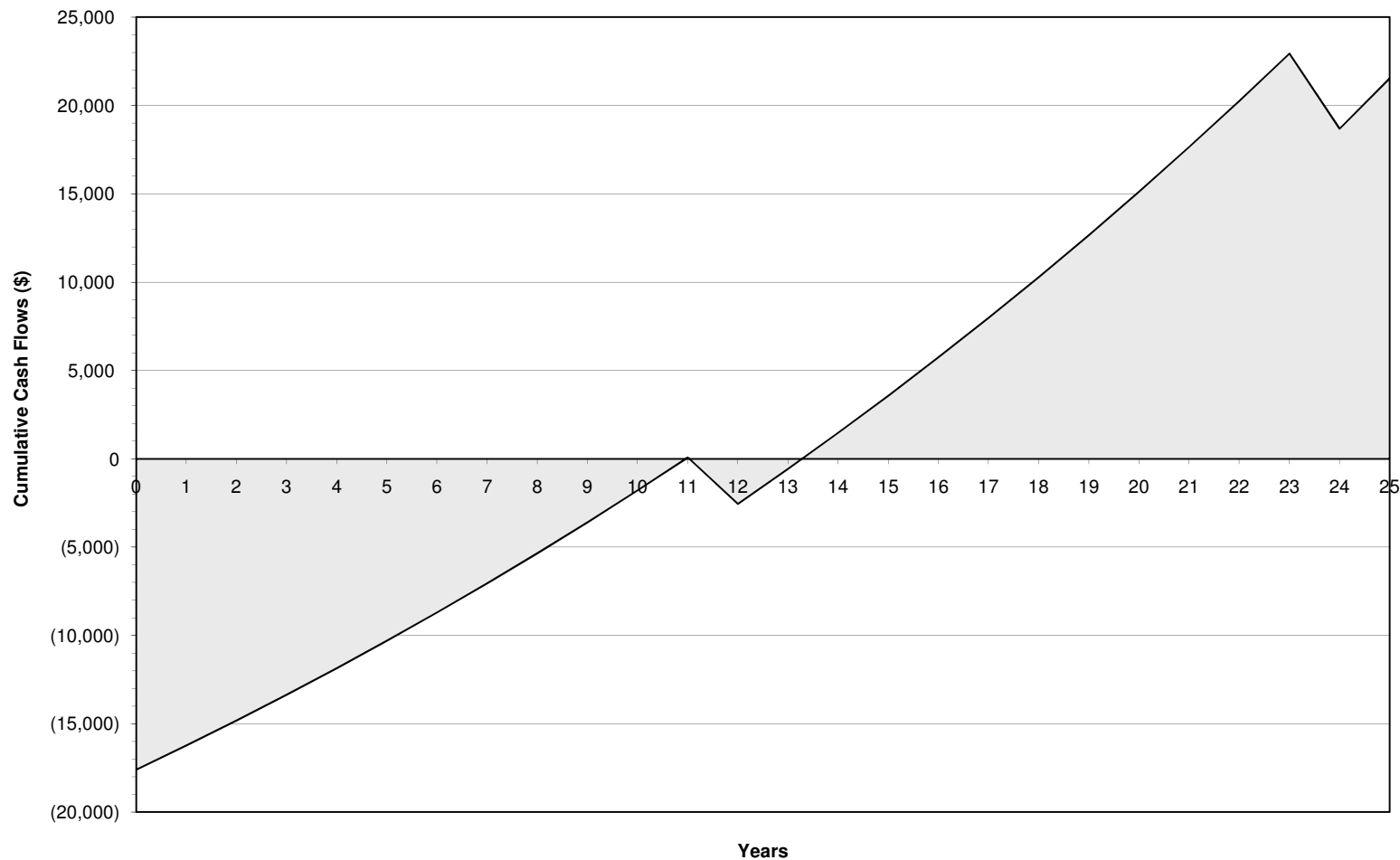
Yearly Cash Flows			
Year #	Pre-tax \$	After-tax \$	Cumulative \$
0	(17,595)	(17,595)	(17,595)
1	1,373	1,373	(16,222)
2	1,415	1,415	(14,807)
3	1,459	1,459	(13,347)
4	1,505	1,505	(11,843)
5	1,551	1,551	(10,292)
6	1,599	1,599	(8,692)
7	1,649	1,649	(7,043)
8	1,700	1,700	(5,344)
9	1,753	1,753	(3,591)
10	1,807	1,807	(1,784)
11	1,863	1,863	79
12	(2,624)	(2,624)	(2,545)
13	1,980	1,980	(565)
14	2,042	2,042	1,477
15	2,105	2,105	3,582
16	2,170	2,170	5,752
17	2,238	2,238	7,990
18	2,307	2,307	10,297
19	2,378	2,378	12,675
20	2,452	2,452	15,127
21	2,528	2,528	17,655
22	2,607	2,607	20,262
23	2,687	2,687	22,949
24	(4,258)	(4,258)	18,691
25	2,857	2,857	21,547

Cumulative Cash Flows Graph

### Photovoltaic Project Cumulative Cash Flows Miscelanea Hernandez, Parras, Coahuila, MX

Renewable energy delivered (MWh/yr): 4.468

Total Initial Costs: \$ 17,595



IRR and ROI: 7.2%

Year-to-positive cash flow: 11 yr

Net Present Value: \$ 21,547