



**POSITIVE
ENERGY**

Photovoltaic Residential System Financial Analysis

Average System Size

2.4kW (DC)

Example of Average System (Flat roof mount¹)

1.95kW (DC) System

	Price	Per Watt Price
Total System Cost Including sales tax	\$ 18,546	\$ 9.51
New Mexico content including sales tax	9,230	
Federal tax credit - \$'s returned to state	3,709	
Total \$'s retained locally	12,939	
% of Total Cost	70%	

1. Roofing costs excluded

Estimated Output in Albuquerque	3,400 kWh / year
Estimated Life of Equipment assuming inverter replaced in year 15	30 years
Cost per kWh before incentives	\$ 0.21

	Total	% of Total
Total System Cost	\$ 18,546	100%
Upfront offsets to cost:		
Federal tax credit	(2,000)	-11%
State tax credit	(3,564)	-19%
Production benefits:		
Net Metering-12 years @ avg of	(3,672)	-20%
REC program - 12 years (first year)	(5,304)	-29%
Net investment after 12 years	\$ 4,006	22%
Payback in years before financing	33	
Payback in years with cost of money at 6%	78	