

Riverclay Condominium PV System



AC Energy & Cost Savings



Station Identification	
Cell ID:	0207363
State:	Colorado
Latitude:	39.6 ° N
Longitude:	104.9 ° W
PV System Specifications	
DC Rating:	40.0 kW
DC to AC Derate Factor:	0.770
AC Rating:	30.8 kW
Array Type:	Fixed Tilt
Array Tilt:	20.0 °
Array Azimuth:	180.0 °
Energy Specifications	
Cost of Electricity:	8.0 ¢/kWh

Results			
Month	Solar Radiation (kWh/m ² /day)	AC Energy (kWh)	Energy Value (\$)
1	3.90	3719	297.52
2	4.36	3696	295.68
3	5.29	4955	396.40
4	5.86	5142	411.36
5	6.39	5677	454.16
6	6.83	5698	455.84
7	6.85	5747	459.76
8	6.44	5411	432.88
9	5.86	4885	390.80
10	4.96	4419	353.52
11	3.67	3316	265.28
12	3.50	3317	265.36
Year	5.33	55983	4478.64