



SOLAR FEASIBILITY STUDIES – SUMMARY FINANCIALS

Annual Energy Offsets

	System Size (kW DC)	Year 1 Production (kWh)	Annual Energy Offset
Allen	166	220,000	35%
Cowherd	502	666,000	57%
EAHS	726	952,000	22%
Hermes	339	454,000	100%
Krug	126	166,000	48%
O'Donnell	219	291,000	87%
Oak Park	143	186,000	39%
Simmons	335	453,000	48%
Totals	2,556	3,388,000	39%

Option 1 – Cash Purchase

	Project Cost	Year 1 Incentives	Cost After Year 1 Incentives	State Incentives	Year 1 Savings	Simple Payback (yrs)	25 Year Net Savings
Allen	\$427,000	\$195,000	\$232,000	\$208,000	\$25,000	4.2	\$676,000
Cowherd	\$1,169,000	\$544,000	\$625,000	\$549,000	\$75,000	4.1	\$2,040,000
EAHS	\$1,611,000	\$753,000	\$858,000	\$716,000	\$108,000	4.1	\$2,886,000
Hermes	\$811,000	\$376,000	\$435,000	\$374,000	\$51,000	4.2	\$1,384,000
Krug	\$336,000	\$153,000	\$183,000	\$158,000	\$19,000	4.4	\$499,000
O'Donnell	\$546,000	\$251,000	\$295,000	\$276,000	\$33,000	4.1	\$913,000
Oak Park	\$375,000	\$172,000	\$203,000	\$176,000	\$21,000	4.4	\$560,000
Simmons	\$802,000	\$371,000	\$431,000	\$373,000	\$51,000	4.1	\$1,384,000
Totals	\$6,077,000	\$2,815,000	\$3,262,000	\$2,830,000	\$383,000	4.2	\$10,342,000

Option 2 – Power Purchase Agreement (PPA)

	Project Cost	Year 1 PPA Rate (\$/kWh)	Annual Escalator	PPA Term (yrs)	Year 1 Savings	25 Year Net Savings
Allen	\$0	\$0.0550	0%	25	\$13,000	\$459,000
Cowherd	\$0	\$0.0550	0%	25	\$38,000	\$1,392,000
EAHS	\$0	\$0.0550	0%	25	\$55,000	\$1,988,000
Hermes	\$0	\$0.0550	0%	25	\$26,000	\$949,000
Krug	\$0	\$0.0550	0%	25	\$10,000	\$348,000
O'Donnell	\$0	\$0.0550	0%	25	\$17,000	\$608,000
Oak Park	\$0	\$0.0550	0%	25	\$11,000	\$389,000
Simmons	\$0	\$0.0550	0%	25	\$26,000	\$945,000
Totals	\$0	\$0.0550	0%	25	\$196,000	\$7,078,000