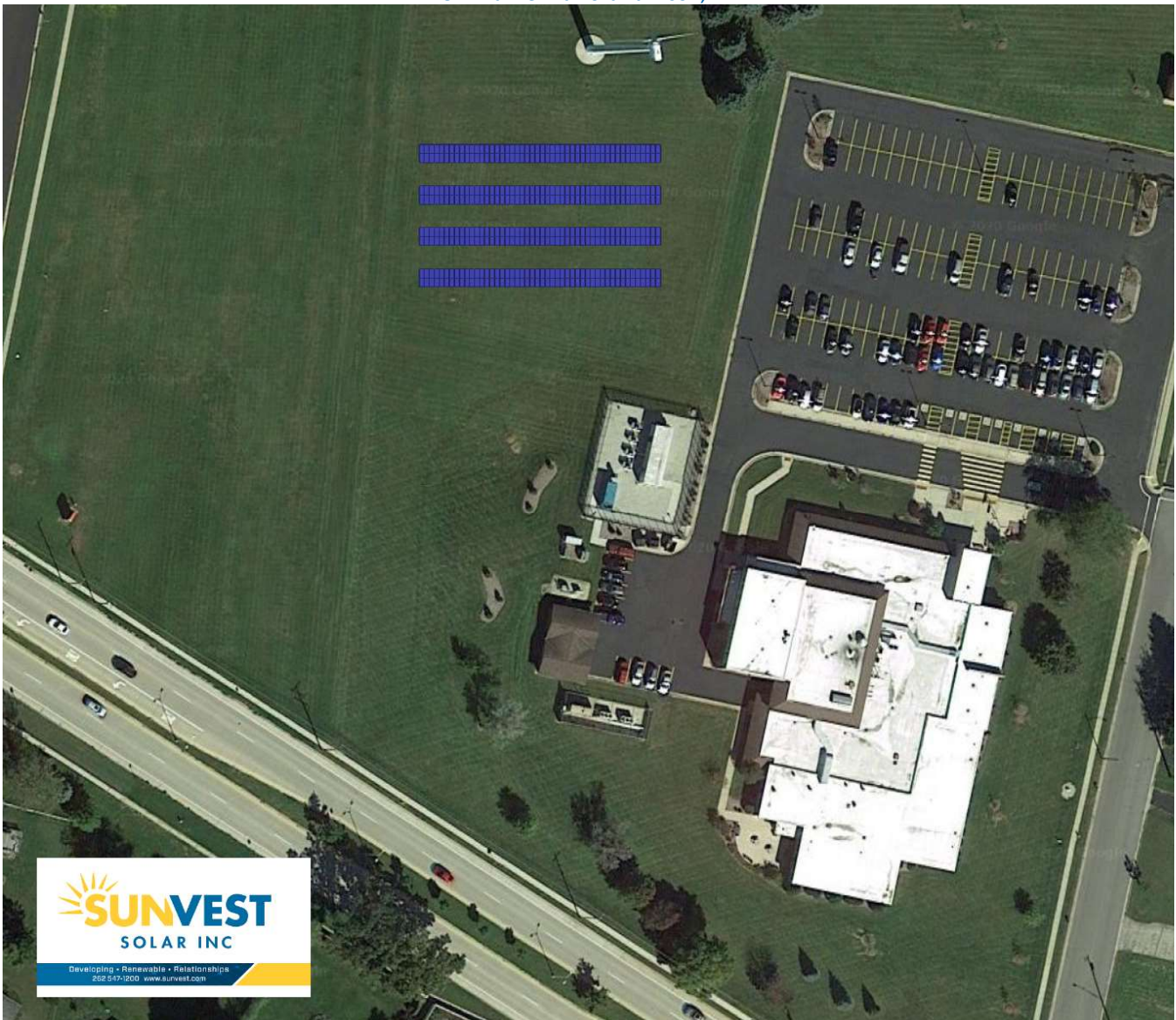


SOLAR PV PROPOSAL

Prepared for:

MATC - Fort Atkinson

827 Banker Rd Fort Atkinson, WI



Date: 3/11/2020
Prepared by: Catie Malcheski

MATC - Fort Atkinson

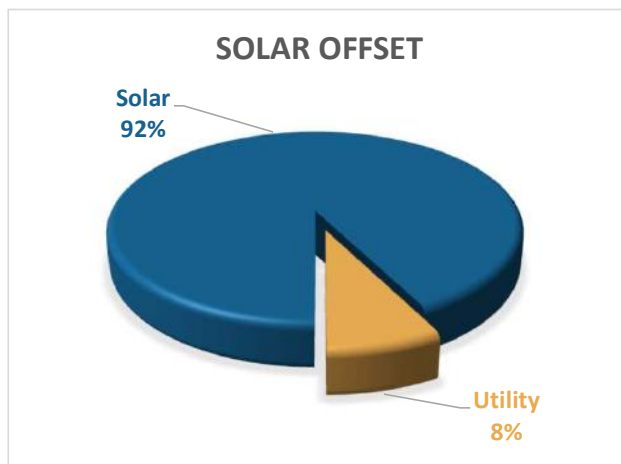
827 Banker Rd Fort Atkinson, WI

Date: 3/11/2020
Prepared by: Catie Malcheski

ARRAY SUMMARY

System Size:	149.760 kW-DC
Estimated Year 1 Production:	184,198 kWh
	1,230 kWh/kW

Proposed Solar Equipment:	
Solar Modules:	Bifacial Modules from Coulliard Foundation (SunVest procures)
Inverter:	String
Racking:	Ground Mount
Monitoring:	Inverter-integrated
Also Includes:	Pollinator Seeding
Assumptions:	use existing conduit/trenching geotech completed by customer no civil or site prep required



FINANCIAL SUMMARY

System Economics		
Total System Price	(\$2122/kW)	\$ 317,790.72
Focus on Energy		\$ 21,971.20
Net Year 1 System Cost		\$ 295,819.52

Financial Highlights	
Payback Period (in years)	12.5
5-Year Internal Rate of Return	-26.0%
10-Year Internal Rate of Return	-4.2%
20-Year Internal Rate of Return	5.5%
30-Year Internal Rate of Return	7.8%
Cumulative cashflow yrs 1-30	\$580,002

Cost of solar-produced energy over 30 years:	Cost of same amount of energy purchased from Utility:
\$295,820	\$875,822
Solar Saves \$580,002	

*Cost of buying electricity from utility company using assumed initial utility rate of \$0.1049732/kWh (48/52 blend of CG2 on-peak/off-peak) and an inflation rate of 3% per year over the next 30 years

Acceptance: _____ Date: _____

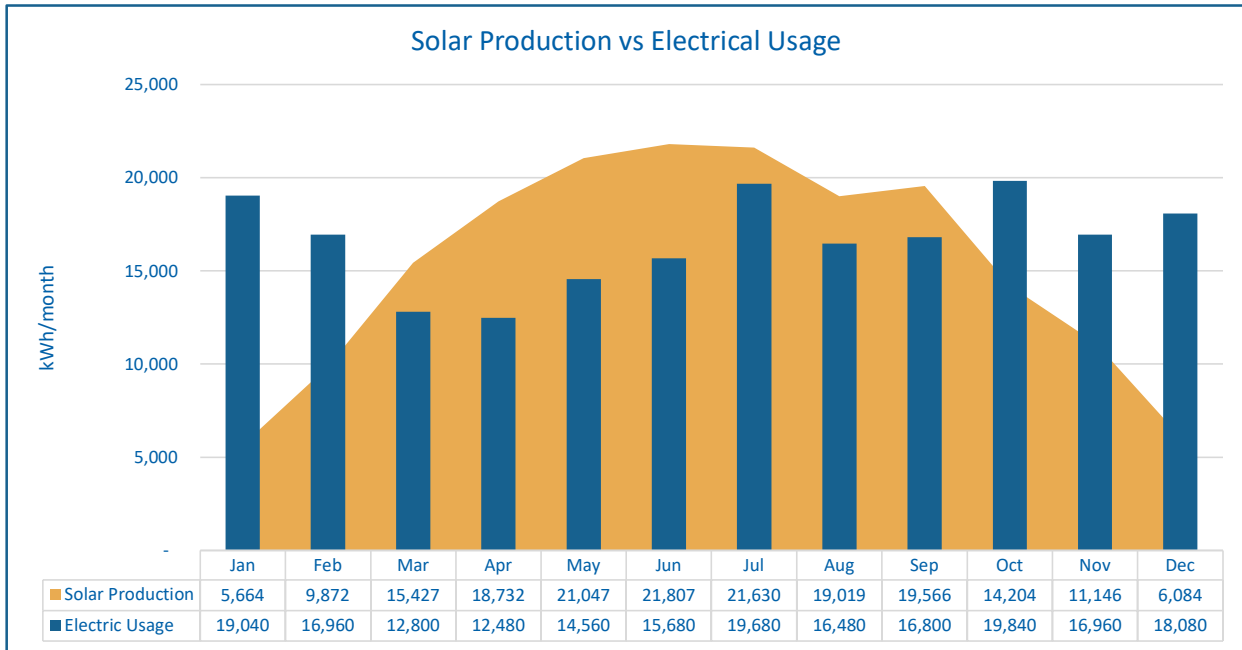
Note: Acceptance of this budget proposal is not a final contract. SunVest Solar will provide a complete contract with finalized terms and conditions.

MATC - Fort Atkinson

827 Banker Rd Fort Atkinson, WI

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MONTHLY SUMMARY



ENVIRONMENTAL BENEFITS

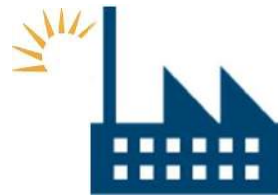
Clean energy generation of 184200 kWh per year:



Electrical usage of 16 average homes offset



109380 miles not driven
(based on greenhouse gas emissions)



245600 pounds of coal not burned
(based on CO2 emissions)

MATC - Fort Atkinson

827 Banker Rd Fort Atkinson, WI

Date: 3/11/2020
Prepared by: Catie Malcheski

FINANCIAL PROFORMA

Total System Price (\$2122/kW) \$ 317,791	Payback Period (yrs) 12.5	System Size: 149.76 kW-DC
Focus on Energy \$ 21,971	5-Yr IRR -26.0%	Solar production value: \$0.115/kWh
	10-Yr IRR -4.2%	Blended utility rate: \$0.105/kWh
	20-Yr IRR 5.5%	Effective tax rate: 30%
	30-Yr IRR 7.8%	Utility Rate escalator: 3.0%
		Annual solar degradation: 0.7%
Net Price \$ 295,820	30-Yr cashflow \$ 580,002	Est Year 1 Production: 184,198

Year	Net Price	Value of solar	Annual cashflow	Cumulative cashflow
1	\$ (295,820)	\$ 21,140	\$ (274,680)	\$ (274,680)
2		\$ 21,121	\$ 21,121	\$ (253,559)
3		\$ 21,602	\$ 21,602	\$ (231,958)
4		\$ 22,094	\$ 22,094	\$ (209,863)
5		\$ 22,598	\$ 22,598	\$ (187,266)
6		\$ 23,113	\$ 23,113	\$ (164,153)
7		\$ 23,639	\$ 23,639	\$ (140,514)
8		\$ 24,178	\$ 24,178	\$ (116,335)
9		\$ 24,729	\$ 24,729	\$ (91,606)
10		\$ 25,293	\$ 25,293	\$ (66,313)
11		\$ 25,869	\$ 25,869	\$ (40,444)
12		\$ 26,459	\$ 26,459	\$ (13,985)
13		\$ 27,062	\$ 27,062	\$ 13,076
14		\$ 27,679	\$ 27,679	\$ 40,755
15		\$ 28,309	\$ 28,309	\$ 69,064
16		\$ 28,954	\$ 28,954	\$ 98,019
17		\$ 29,614	\$ 29,614	\$ 127,633
18		\$ 30,289	\$ 30,289	\$ 157,922
19		\$ 30,980	\$ 30,980	\$ 188,902
20		\$ 31,686	\$ 31,686	\$ 220,587
21		\$ 32,408	\$ 32,408	\$ 252,995
22		\$ 33,146	\$ 33,146	\$ 286,141
23		\$ 33,902	\$ 33,902	\$ 320,043
24		\$ 34,674	\$ 34,674	\$ 354,717
25		\$ 35,464	\$ 35,464	\$ 390,182
26		\$ 36,273	\$ 36,273	\$ 426,454
27		\$ 37,099	\$ 37,099	\$ 463,554
28		\$ 37,945	\$ 37,945	\$ 501,499
29		\$ 38,810	\$ 38,810	\$ 540,308
30		\$ 39,694	\$ 39,694	\$ 580,002
Total		\$ 875,822		\$ 580,002

Version 2.7.3