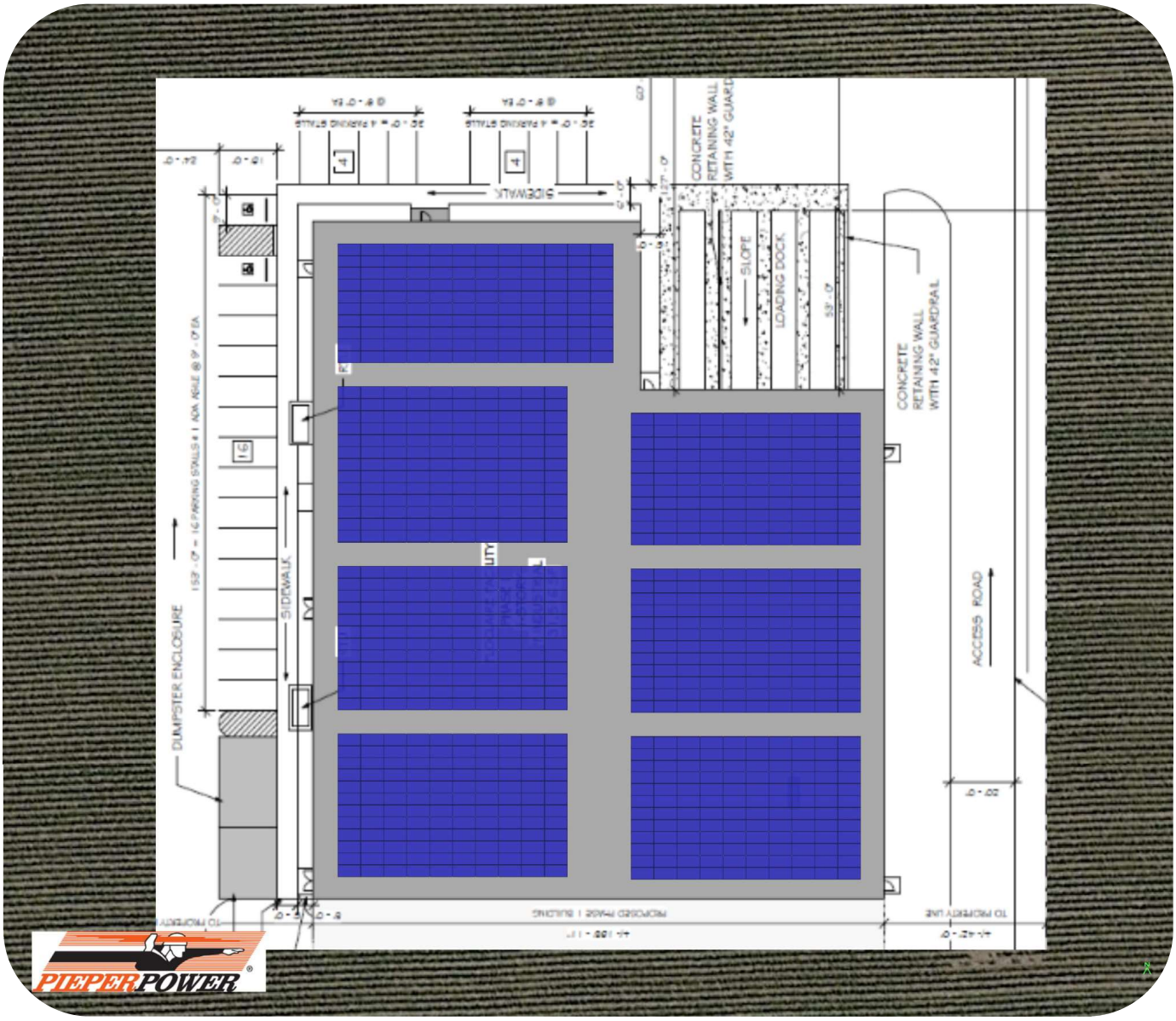
PIEPER ELECTRIC, INC. | Solutions Powered by People Since 1947

Solar Budget

Prepared For:

FloClaire - Max



Prepared By: Catie Malcheski
Proposal Date: January 3, 2024

REV. December 13, 2023

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System Details

System Size	462kWdc (400kWac)

Equipment Selection		System Warranties	
Modules	Solar4America	10-Year Product 25-Year Performance	
Inverter	SolarEdge + DC Optimizers	12-Year Product (Inverters) 25-Year Product (Optimizers)	
Racking	IronRidge	25-Year Product	
System Type	Flush Roof Mount	Workmanship	1-Year Workmanship
Monitoring	SolarEdge Web Portal		

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Financials

Year	Production (kWh)	Electricity Savings
1	461,250	$ 32,522.08
2	452,025	$ 32,827.79
3	449,539	$ 33,626.65
4	447,067	$ 34,444.96
5	444,608	$ 35,283.18
6	442,162	$ 36,141.79
7	439,731	$ 37,021.30
8	437,312	$ 37,922.22
9	434,907	$ 38,845.05
10	432,515	$ 39,790.35
11	430,136	$ 40,758.65
12	427,770	$ 41,750.51
13	425,418	$ 42,766.51
14	423,078	$ 43,807.23
15	420,751	$ 44,873.28
16	418,437	$ 45,965.27
17	416,135	$ 47,083.83
18	413,847	$ 48,229.62
19	411,570	$ 49,403.29
20	409,307	$ 50,605.52
21	407,056	$ 51,837.00
22	404,817	$ 53,098.45
23	402,590	$ 54,390.61
24	400,376	$ 55,714.20
25	398,174	$ 57,070.01
26	395,984	$ 58,458.80
27	393,806	$ 59,881.40
28	391,640	$ 61,338.61
29	389,486	$ 62,831.29
30	387,344	$ 64,360.29
Total	**12,608,836**	**$ 1,392,649.73**

*Assumes 30% base credit + additional 10% for Domestic Content

**Depreciation assumes the installation occurs in 2024; ETR is 28%; and Bonus Year 1 valued at 60%.

Please note that this is for budgetary purposes only and requires updating to reflect market pricing as project nears.

Turnkey System Price	
Upfront Price	$ 997,920
Tax Credit*	$ 399,168
Depreciation**	$ 134,120
Focus on Energy	$ 46,770
Net Price	**$ 551,982.00**

Payback		
Return on Investment	9.25	Years

Assumptions	
Effective Tax Rate	28%
Est. Degradation (yr 1)	2%
Est. Degradation (yr 2+)	0.55%
Utility Escalation	3%

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