

DRAFT Financial Proforma
RENEWABLE ENERGY & ENERGY EFFICIENCY PROGRAM
Pleasant Valley Recreation and Park District

5/31/2024 Rev [No BESS]

Scope: Solar PV @ 3 sites
 Energy Storage @ Community Ctr
 EV Charging @ 3 sites
 Air Conditioning & Controls
 Lighting @ Bob Kildee

Program Implementation Cost:	\$3,603,500
District Contribution:	\$0
Lease Transaction Costs:	\$70,542
Capitalized Interest ("CAPI"):	\$163,958
Remaining amount to fund:	\$3,838,000

Balance as of 12/1/25	\$3,644,000
1% Penalty	36,440.00
Est. IRA Contribution 12/1/25	\$1,042,165
	\$2,638,275

Utility Escalation:
5.80%

Interest Rate:
4.51%

Program Savings, Contributions & On-going Services											
1	2	3	4	5	6	7	8	9	10	11	12
Year	Utility Cost Avoidance				Field Lighting Savings	Capital Cost & Maintenance Savings	Incentives, Grants & Rebates (DSGS Program)	EV Charging Revenue	Solar Maintenance Services	Energy Management Services	Total Program Savings
	Solar-PV Generation (NEM 2.0)	Solar-PV Generation (NEM 3.0)	Energy Storage	Energy Efficiency							
0	-	-	scope not incl.	\$12,702	scope not incl.	-	scope not incl.	-	-	↓ optional ↓	\$12,702
1	\$37,385	\$20,540		\$22,397		\$481,667		\$8,775	(\$7,550)		\$563,215
2	\$39,554	\$21,731		\$23,696		\$481,667		\$9,284	(\$7,852)		\$568,080
3	\$41,848	\$22,992		\$25,071		\$189,167		\$9,822	(\$8,166)		\$280,734
4	\$44,275	\$24,325		\$26,525		\$40,000		\$10,392	(\$8,493)		\$137,025
5	\$46,843	\$25,736		\$28,063		\$40,000		\$10,995	(\$8,832)		\$142,805
6	\$49,560	\$27,229		\$29,691		\$40,000		\$11,633	(\$9,186)		\$148,927
7	\$52,434	\$28,808		\$31,413		\$40,000		\$12,307	(\$9,553)		\$155,410
8	\$55,476	\$30,479		\$33,235		\$40,000		\$13,021	(\$9,935)		\$162,276
9	\$58,693	\$32,247		\$35,163		\$40,000		\$13,776	(\$10,333)		\$169,546
10		\$56,314		\$37,202		\$40,000		\$14,575	(\$10,746)		\$137,346
11		\$59,580		\$39,360		\$40,000		\$15,421	(\$11,176)		\$143,185
12		\$63,036		\$41,643		\$40,000		\$16,315	(\$11,623)		\$149,371
13		\$66,692		\$44,058		\$40,000		\$17,261	(\$12,088)		\$155,924
14		\$70,560		\$46,613		\$40,000		\$18,263	(\$12,571)		\$162,865
15		\$74,653		\$49,317		\$40,000		\$19,322	(\$13,074)		\$170,217
16		\$78,983		\$52,177		\$40,000		\$20,442	(\$22,000)		\$169,602
17		\$83,564		\$55,204		\$40,000		\$21,628	(\$14,141)		\$186,254
18		\$88,410		\$58,405		\$40,000		\$22,883	(\$14,707)		\$194,991
19		\$93,538		\$61,793		\$40,000		\$24,210	(\$15,295)		\$204,246
20		\$98,963						\$25,614	(\$15,907)		\$108,670
21		\$104,703							(\$16,543)		\$88,160
22		\$110,776							(\$17,205)		\$93,571
23		\$117,201							(\$17,893)		\$99,308
24		\$123,998							(\$18,609)		\$105,390
25		\$131,190							(\$19,353)		\$111,837
26		\$138,799							(\$20,127)		\$118,672
27		\$146,850							(\$20,932)		\$125,918
28		\$155,367							(\$21,769)		\$133,598
29		\$164,378							(\$22,640)		\$141,738
30		\$173,912							(\$23,546)		\$150,366
Totals	\$426,069	\$2,435,555	\$0	\$753,729	-	\$1,792,500	\$0	\$315,939	(\$431,844)	-	\$5,291,948

13	14	15
Lease Payment	Net Savings	Cumulative Savings
*Net of CAPI		
CAP I YEAR	\$12,702	\$12,702
\$558,056	\$5,159	\$17,860
\$564,046	\$4,034	\$21,895
\$277,276	\$3,458	\$25,352
\$135,218	\$1,807	\$27,159
\$140,580	\$2,225	\$29,384
\$146,603	\$2,324	\$31,707
\$153,198	\$2,212	\$33,919
\$160,320	\$1,956	\$35,875
\$166,967	\$2,579	\$38,454
\$135,525	\$1,821	\$40,275
\$140,917	\$2,268	\$42,543
\$146,881	\$2,490	\$45,032
\$153,371	\$2,553	\$47,585
\$160,365	\$2,500	\$50,085
\$167,817	\$2,400	\$52,485
\$167,729	\$1,873	\$54,358
\$183,234	\$3,020	\$57,378
\$191,793	\$3,198	\$60,577
\$201,585	\$2,661	\$63,238
	\$108,670	\$171,908
	\$88,160	\$260,068
	\$93,571	\$353,639
	\$99,308	\$452,947
	\$105,390	\$558,337
	\$111,837	\$670,174
	\$118,672	\$788,847
	\$125,918	\$914,764
	\$133,598	\$1,048,362
	\$141,738	\$1,190,100
	\$150,366	\$1,340,467
\$3,951,481	\$1,340,467	-