Year n					
	actual Build cost	discounted Build cost			discounted cumulative cost
\$0.00	\$1,020.00	\$1,020.00	\$37.50	\$37.50	\$1,057.50
\$1.00	0	\$0.00	\$37.50	\$35.71	\$1,093.21
\$2.00	0	\$0.00	\$37.50	\$34.01	\$1,127.23
\$3.00	0	\$0.00	\$37.50	\$32.39	\$1,159.62
\$4.00	0	\$0.00	\$37.50	\$30.85	\$1,190.47
\$5.00	0	\$0.00	\$37.50	\$29.38	\$1,219.86
\$6.00	0	\$0.00	\$37.50	\$27.98	\$1,247.84
\$7.00	0	\$0.00	\$37.50	\$26.65	\$1,274.49
\$8.00	0	\$0.00	\$37.50	\$25.38	\$1,299.87
\$9.00	0	\$0.00	\$37.50	\$24.17	\$1,324.04
\$10.00	0	\$0.00	\$37.50	\$23.02	\$1,347.07
\$11.00	0	\$0.00	\$37.50	\$21.93	\$1,368.99
\$12.00	0	\$0.00	\$37.50	\$20.88	\$1,389.87
\$13.00	0	\$0.00	\$37.50	\$19.89	\$1,409.76
\$14.00	0	\$0.00	\$37.50	\$18.94	\$1,428.70
\$15.00	235	\$113.04	\$37.50	\$18.04	\$1,559.78
\$16.00	0	\$0.00	\$37.50	\$17.18	\$1,576.96
\$17.00	0	\$0.00	\$37.50	\$16.36	\$1,593.32
\$18.00	0	\$0.00	\$37.50	\$15.58	\$1,608.90
\$19.00	0	\$0.00	\$37.50	\$14.84	\$1,623.74
\$20.00	0	\$0.00	\$37.50	\$14.13	\$1,637.87
\$21.00	0	\$0.00	\$37.50	\$13.46	\$1,651.33
\$22.00	0	\$0.00	\$37.50	\$12.82	\$1,664.15
\$23.00	0	\$0.00	\$37.50	\$12.21	\$1,676.36
\$24.00	Ö	\$0.00	\$37.50	\$11.63	\$1,687.99
\$25.00	Ő	\$0.00	\$37.50	\$11.07	\$1,699.06
\$26.00	Ő	\$0.00	\$37.50	\$10.55	\$1,709.61
\$27.00	0	\$0.00	\$37.50	\$10.04	\$1,719.65
\$28.00	0	\$0.00	\$37.50	\$9.57	\$1,729.22
\$29.00	0	\$0.00	\$37.50	\$9.11	\$1,738.33
\$30.00	480	\$111.06	\$37.50	\$8.68	\$1,858.07
\$31.00	0	\$0.00	\$37.50	\$8.26	\$1,866.33
\$31.00	0	\$0.00	\$37.50	\$7.87	\$1,874.20
	0			\$7.57 \$7.50	
\$33.00	0	\$0.00 \$0.00	\$37.50	•	\$1,881.70
\$34.00	•	*****	\$37.50	\$7.14	\$1,888.83
\$35.00	0	\$0.00	\$37.50	\$6.80	\$1,895.63
\$36.00	0	\$0.00	\$37.50	\$6.47	\$1,902.11
\$37.00	0	\$0.00	\$37.50	\$6.17	\$1,908.27
\$38.00	0	\$0.00	\$37.50	\$5.87	\$1,914.15
\$39.00	0	\$0.00	\$37.50	\$5.59	\$1,919.74
\$40.00	0	\$0.00	\$37.50	\$5.33	\$1,925.07
\$41.00	0	\$0.00	\$37.50	\$5.07	\$1,930.14
\$42.00	0	\$0.00	\$37.50	\$4.83	\$1,934.97
\$43.00	0	\$0.00	\$37.50	\$4.60	\$1,939.57
\$44.00	0	\$0.00	\$37.50	\$4.38	\$1,943.95
\$45.00	235	\$26.15	\$37.50	\$4.17	\$1,974.28
\$46.00	0	\$0.00	\$37.50	\$3.97	\$1,978.26
\$47.00	0	\$0.00	\$37.50	\$3.79	\$1,982.04
\$48.00	0	\$0.00	\$37.50	\$3.61	\$1,985.65

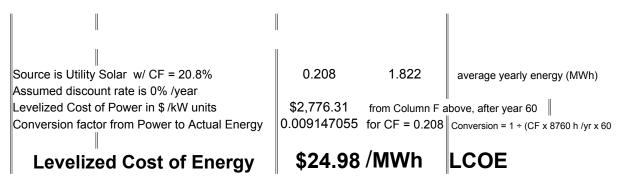
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\$49.00 \$50.00 Decommission = 1% All values are in unit	0 0 \$1,970.00 s of \$ /kW	\$0.00 \$0.00 \$171.79	\$37.50 \$37.50	\$3.43 \$3.27	\$1,989.08 \$1,992.35 \$2,164.14		
Energy source is Onshore wind							
Assumed discount rate Levelized cost	•	\$2,164.14	\$ /kW				
Capacity Factor = 33 Levelized Cost of		= \$2164.14 ÷	166.002	\$13.04	/MWh		

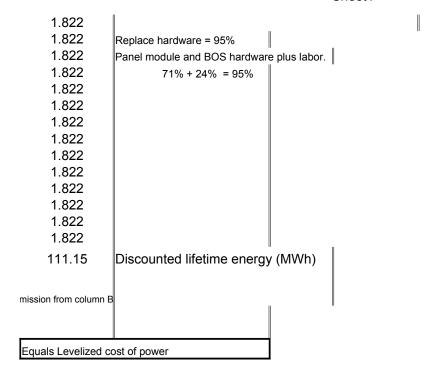
Sheet1

	Actual Build cost	Discounted Build cost	Actual O&M cost	Discounted O&M cost	Cumulative cost	Yearly energy
Year n	\$750 /kW					average
	\$750	\$750	\$19.50	\$19.50	\$769.50	1.822
1	0	0	\$19.50	\$19.50	\$789.00	1.822
2	0	0	\$19.50	\$19.50	\$808.50	1.822
3	0	0	\$19.50	\$19.50	\$828.00	1.822
4	0	0	\$19.50	\$19.50	\$847.50	1.822
5	0	0	\$19.50	\$19.50	\$867.00	1.822
6	0	0	\$19.50	\$19.50	\$886.50	1.822
7	0	0	\$19.50	\$19.50	\$906.00	1.822
8	0	0	\$19.50	\$19.50	\$925.50	1.822
9	0	0	\$19.50	\$19.50	\$945.00	1.822
10	0	0	\$19.50	\$19.50	\$964.50	1.822
11	0	0	\$19.50	\$19.50	\$984.00	1.822
12	\$37.50	\$37.50	\$19.50	\$19.50	\$1,041.00	1.822
13	0	0	\$19.50	\$19.50	\$1,060.50	1.822
14	0	0	\$19.50	\$19.50	\$1,080.00	1.822
15	0	0	\$19.50	\$19.50	\$1,099.50	1.822
16	0	0	\$19.50	\$19.50	\$1,119.00	1.822
17	0	0	\$19.50	\$19.50	\$1,138.50	1.822
18	0	0	\$19.50	\$19.50	\$1,158.00	1.822
19	0	0	\$19.50	\$19.50	\$1,177.50	1.822
20	0	0	\$19.50	\$19.50	\$1,197.00	1.822
21	0	0	\$19.50	\$19.50	\$1,216.50	1.822
22	0	0	\$19.50	\$19.50	\$1,236.00	1.822
23	0	0	\$19.50	\$19.50	\$1,255.50	1.822
24	\$37.50	\$37.50	\$19.50	\$19.50	\$1,312.50	1.822
25	0	0	\$19.50	\$19.50	\$1,332.00	1.822
26	0	0	\$19.50	\$19.50	\$1,351.50	1.822
27	0	0	\$19.50	\$19.50	\$1,371.00	1.822
28	0	0	\$19.50	\$19.50	\$1,390.50	1.822
29	0	0	\$19.50	\$19.50	\$1,410.00	1.822
30	0	0	\$19.50	\$19.50	\$1,429.50	1.822
31	0	0	\$19.50	\$19.50	\$1,449.00	1.822
32	0	0	\$19.50	\$19.50	\$1,468.50	1.822
33	0	0	\$19.50	\$19.50	\$1,488.00	1.822
34	0	0	\$19.50	\$19.50	\$1,507.50	1.822
35	0	0	\$19.50	\$19.50	\$1,527.00	1.822
36	\$37.50	\$37.50	\$19.50	\$19.50	\$1,584.00	1.822
37	0	0	\$19.50	\$19.50	\$1,603.50	1.822
38	0	0	\$19.50	\$19.50	\$1,623.00	1.822
39	0	0	\$19.50	\$19.50	\$1,642.50	1.822
40	0	0	\$19.50	\$19.50	\$1,662.00	1.822
41	0	0	\$19.50	\$19.50	\$1,681.50	1.822
42	0	0	\$19.50	\$19.50	\$1,701.00	1.822
43	0	0	\$19.50	\$19.50	\$1,720.50	1.822
44	0	0	\$19.50	\$19.50	\$1,740.00	1.822
45	0	0	\$19.50	\$19.50	\$1,759.50	1.822
46	\$0.00	\$0.00	\$19.50	\$19.50	\$1,779.00	1.822

47	0	0	\$19.50	\$19.50	\$1,798.50	1.822
48	\$712.50	\$712.50	\$19.50	\$19.50	\$2,530.50	1.822
49	0	0	\$19.50	\$19.50	\$2,550.00	1.822
50	0	0	\$19.50	\$19.50	\$2,569.50	1.822
51	0	0	\$19.50	\$19.50	\$2,589.00	1.822
52	0	0	\$19.50	\$19.50	\$2,608.50	1.822
53	0	0	\$19.50	\$19.50	\$2,628.00	1.822
54	0	0	\$19.50	\$19.50	\$2,647.50	1.822
55	0	0	\$19.50	\$19.50	\$2,667.00	1.822
56	0	0	\$19.50	\$19.50	\$2,686.50	1.822
57	0	0	\$19.50	\$19.50	\$2,706.00	1.822
58	0	0	\$19.50	\$19.50	\$2,725.50	1.822
59	0	0	\$19.50	\$19.50	\$2,745.00	1.822
60	0	0	\$19.50	\$19.50	\$2,764.50	1.822
Total BLDG cost	\$1,575.00	Replacements perfo	rmed	Actual lifetime	e energy (MWh)	111.15
Decom = 0.75%	\$11.81					
		Levelized	Cost of Power	(\$ /kW)	\$2,776.31	Include decom
		All the a	bove values a	re in units of	\$ /kW	
	Levelize	ed Cost of Enei	rgy – LCOE	(\$/MWh)	\$24.98 <	



Discounted yearly energy	Remarks	
in MWh	Utility PV Solar @0)%
1.822	Construction	
1.822	completed	
1.822	In 1 year	
1.822		
1.822	Total CAPEX = \$750 /kW	
1.822	·	"
1.822	Columns A through F	
1.822	are nominal dollars	
1.822	per kilowatt	
1.822	of peak generating	
1.822	capacity	
1.822		
1.822	Replace DC inverter 5%	
1.822		
1.822		
1.822		
1.822		
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1.822		
1.822	Replace DC inverter 5%	
1.822		
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1.822 1.822		
1.822		
1.822	Danlaga DC invertor 5%	
1.822	Replace DC inverter 5%	
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divided by		
discounted lifetime	energy	
yrs /1000 kW per MW)	ı	