

**Energy Cost per Year to maintain the HFC standl
HFC (hybrid fiber coax) Plant Lead Acid/**

Battery Size	Float Voltage	Float Amps	Watts/Hour	Amp Hour	kW/Hour
48vdc 114ah lead acid	54	0.5	27	100	0.027
36vdc 104ah lead acid	41	0.5	20.5	100	0.0205
APS-LiFePO4-100-48					
APS-LiFePO4-100-36					
National Average Energy Cost					
Kilowatt/Dollar	\$0.13				

Estimated Number of sites	Sites
48vdc lead acid	1
36vdc lead acid	1
Total sites	2

Projected cost	
1 Year Cost	
48vdc	\$30.75
36vdc	\$23.35
Total	\$54.09
Projected cost to	
48vdc	\$4.27
36vdc	\$4.27
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48vdc	\$26.48
36vdc	\$19.08

Note:

consult with energy utility for energy rebates and actual cost per Kilowatt hour

by batteries per site

Cox Comm.

kW/Day	kW/Year	Capacity Loss / Year	Cost/Year
0.648	236.52	5.00%	\$30.75
0.492	179.58	5.00%	\$23.35
0.09	32.85	2%	\$4.27
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Cost to maintain float: lead acid

5 Year Cost	10 Year Cost
\$153.74	\$307.48
\$116.73	\$233.45
\$270.47	\$540.93

Cost to maintain LiFePO4

\$21.35	\$42.70
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Energy cost savings

\$132.39	\$264.78
\$95.38	\$190.75





