

20 Total Points Possible

Cal Poly

Problem #5 - Onsite Renewable Energy			
#1.a	Correct quantities	2	2
	Work is shown, correct equation is used	2	2
	Marked up drawing is accurate and realistic	1	1
#1.b	Work is shown and is correct	1	1
	Acknowledged factors other than initial cost	1	0
	Narrative is clear and illustrates the rationale	2	1
#1.c	i. Correct direction	1	1
	ii. Correct angle	1	1
	iii. Correct dates	0.5	0.5
	iii. Correct angles	0.5	0.5
#2.a.	Product chosen, with cost and quantity	2	2
#2.b.	cost of panel support structure	1	0.5
#2.c	payback period, and cost assumptions	2	1
#2.d	Projected cost of maintenance	1	0.5
#3.a	Response is clear, concise, and realistic	0.5	0
#3.b	Response is clear, concise, and realistic	0.5	0.25
#3.c	Response is clear, concise, and realistic	0.5	0
#3.d	Response is clear, concise, and realistic	0.5	0.25

Good job accounting for the roof equipment.
Questionable orientation

Need more detail

Need reference to how maintenance is calculated

Doesn't address project

20

14.5