

EE4226 - EXPERIMENT #2
RENEWABLE ENERGY CHARACTERISTICS

Lab Section: 602

Name: Jacob Cox

Date: 1/31/2018

Lab Partners: Mitch Morford

Solar Panel - 1500Ω

Data Attached (see spreadsheet)

Angle	Current
0°	
10°	
20°	
30°	
40°	
50°	
60°	
70°	
80°	
90°	

Hydrogen Fuel Cell Measurements

60mL

Characteristic Curve Measurements

Resistance	Voltage	Current A
O.C.	1.485	0
100	1.792	.017
50	1.786	.025
20	1.685	.035
10	0.17	.011
5	.07	.004
3		
2	.062	.012
1	.056	.013
0.5	.051	.014
0.3	.047	.013

Efficiency Measurements

Current	.007
Voltage	.65
Time	150
Vol H ₂	5mL