

DE 10-195

Exhibit No.	#17	Staff
Witness	Panel 4	
	Low Mkt/High Cap Factor	High Mkt/Low Cap Factor

	Base Case	Low Mkt/ High Cap Factor	High Mkt/ Low Cap Factor	Base Case	Low Mkt/ High Cap Factor	High Mkt/ Low Cap Factor
Facility Size (MW)	63	63	63	67.5	67.5	67.5
Capacity Factor (%)	87.5%	95.0%	70.0%	87.5%	95.0%	70.0%
Annual MWH	482,895	524,286	386,316	517,388	561,735	413,910
<u>2014 PPA Product Prices</u>						
Wood Price (\$/ton)	\$34.00	\$36.00	\$30.00	\$34.00	\$36.00	\$30.00
PPA Energy Price (\$/MWH)	\$83.00	\$86.60	\$75.80	\$83.00	\$86.60	\$75.80
PPA REC Price (% of ACP)	80%	80%	80%	80%	80%	80%
2010 ACP (\$/REC)	\$60.93	\$60.93	\$60.93	\$60.93	\$60.93	\$60.93
Assumed CPI 2010 - 2015 (%)	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
2014 ACP (\$/REC)	\$67.26	\$67.26	\$67.26	\$67.26	\$67.26	\$67.26
PPA REC Price (\$/REC)	\$53.81	\$53.81	\$53.81	\$53.81	\$53.81	\$53.81
PPA Capacity Price (\$/kw-mo)	\$4.25	\$4.25	\$4.25	\$4.25	\$4.25	\$4.25
PPA Capacity Price (\$/MWH)	\$6.65	\$6.13	\$8.32	\$6.65	\$6.13	\$8.32
Total PPA Price (\$/MWH)	\$143.46	\$146.54	\$137.93	\$143.46	\$146.54	\$137.93
Annual PPA Payments (\$000)	\$69,276	\$76,829	\$53,285	\$74,224	\$82,317	\$57,091
<u>2014 Avoided Costs of Products</u>						
Energy Market (\$/MWH)	53.12	\$49.59	\$74.39	53.12	\$49.59	\$74.39
REC Market (% of ACP)	na	na	na	na	na	na
REC Market (\$/REC)	32.38	\$16.50	\$49.50	32.38	\$16.50	\$49.50
Capacity Market (\$/kw-mo)	2.95	\$2.95	\$3.69	2.95	\$2.95	\$3.69
Capacity Market (\$/MWH)	\$4.62	\$4.25	\$7.22	\$4.62	\$4.25	\$7.22
Total Avoided Costs (\$/MWH)	\$90.12	\$70.35	\$131.11	\$90.12	\$70.35	\$131.11
Annual Avoided Costs (\$000)	\$43,518	\$36,882	\$50,648	\$46,626	\$39,516	\$54,266
<u>2014 Energy Service Rate Impact</u>						
Annual Rate Impact (\$000) =						
PPA Payments minus Avoided Costs (\$000)	\$25,758	\$39,947	\$2,636	\$27,598	\$42,800	\$2,824
Delivery Sales Forecast (MWH)	7,995,366	7,995,366	7,995,366	7,995,366	7,995,366	8,064,645
Migration Assumption (%)	31%	35%	31%	31%	35%	31%
Energy Service Sales (MWH)	5,516,803	5,196,988	5,516,803	5,516,803	5,196,988	5,564,605
Rate Impact (cents per KWH)	0.47	0.77	0.05	0.50	0.82	0.05
Monthly Bill Impact						
(Residential, 750 KWH) (\$/mo)	\$3.50	\$5.76	\$0.36	\$3.75	\$6.18	\$0.38