

## ENERGY USE AND COST SUMMARY ECON-1

Project Name: *Educational Version for Class Assignments Only* Date: *3/29/2011*

Rate: *Electric Alameda H*

Fuel Type: *Electricity*

	STANDARD			PROPOSED			MARGIN		
	Energy Use (kWh)	Peak Demand (kW)	Cost (\$)	Energy Use (kWh)	Peak Demand (kW)	Cost (\$)	Energy Use (kWh)	Peak Demand (kW)	Cost (\$)
Jan	61	3	11	35	2	9	27	1	3
Feb	52	3	10	30	2	8	22	1	2
Mar	34	2	9	20	1	7	14	1	1
Apr	19	0	7	15	0	7	5	0	0
May	20	4	7	11	0	6	9	4	1
Jun	19	4	7	14	2	6	6	2	1
Jul	139	5	19	64	3	12	75	2	8
Aug	142	5	20	66	3	12	75	2	8
Sep	104	4	16	39	2	9	65	2	7
Oct	89	5	14	52	3	10	37	2	4
Nov	18	0	7	14	0	6	5	0	0
Dec	57	2	11	32	1	8	25	1	3
Year	755	5	138	391	3	100	364	2	37
CO <sub>2</sub>	608	lbs/yr		315	lbs/yr		293	lbs/yr	

Rate: *Gas PG&E P*

Fuel Type: *Natural Gas*

	STANDARD			PROPOSED			MARGIN		
	Energy Use (therms)	Peak Demand (kBtu/hr)	Cost (\$)	Energy Use (therms)	Peak Demand (kBtu/hr)	Cost (\$)	Energy Use (therms)	Peak Demand (kBtu/hr)	Cost (\$)
Jan	43	47	54	28	38	34	16	9	20
Feb	37	49	47	23	39	29	14	10	18
Mar	32	36	40	21	30	26	11	6	14
Apr	26	38	33	18	32	22	8	6	10
May	20	5	26	14	5	18	6	0	8
Jun	19	5	24	14	5	17	5	0	8
Jul	19	5	25	14	5	17	6	0	8
Aug	19	5	25	13	5	17	6	0	8
Sep	18	5	24	13	5	16	5	0	8
Oct	19	5	25	14	5	17	6	0	8
Nov	25	38	31	16	25	20	9	14	11
Dec	44	46	54	26	33	33	17	13	21
Year	323	49	407	213	39	265	109	10	141
CO <sub>2</sub>	3,774	lbs/yr		2,497	lbs/yr		1,277	lbs/yr	

Annual Totals	Energy	Demand	Cost	Cost/sqft	Virtual Rate
<i>Electricity</i>	391 kWh	3 kW	\$ 100	\$ 0.05 /sqft	\$ 0.26 /kWh
<i>Natural Gas</i>	213 therms	39 kBtu/hr	\$ 265	\$ 0.13 /sqft	\$ 1.24 /therm
<b>Total</b>			\$ 366	\$ 0.18 /sqft	

Avoided CO<sub>2</sub> Emissions: 1,570 lbs/yr