



UTILITY INCENTIVE WORKSHEET

UTIL-1

PROJECT NAME **Santa Clara Hospital ECM 6: Bundle All**
DATE **11/18/2008**

Step 1 ANNUAL TDV ENERGY USE (kBtu/sqft-yr)

ENERGY COMPONENT	Standard	Proposed	Margin
Space Heating	231.30	71.68	159.62
Space Cooling	122.75	52.49	70.26
Indoor Fans	216.38	102.63	113.74
Heat Rejection	47.23	20.17	27.06
Pumps	25.24	17.96	7.28
Domestic Hot Water	10.01	10.01	0.00
Lighting	159.81	133.17	26.63
Receptacle	133.17	133.17	0.00
Process	238.45	238.45	0.00
TOTALS:	1,184.33	779.73	404.60

Step 2 PERCENT BELOW TITLE 24

Adjusted TDV Energy Use
(Excludes Process Energy)

Standard Design	Proposed Design	Margin
1,184.33	779.73	404.60
=		
Margin	Standard Design	% Below Title 24*
404.60	1,184.33	42.8 %
/		

* % Below Title 24 is limited to a maximum of 25% in the incentive rate calculation.

Incentive Eligibility

Owner Incentive (>=10%):	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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Conditioned Floor Area = 445,896.0 ft²

Step 3 ANNUAL SITE ENERGY USE

The values shown here are based upon the results of an EnergyPro Compliance energy analysis that uses Title 24 profiles as specified in the Alternative Calculation Method manual.

ENERGY COMPONENT	Standard	Proposed	Margin
Peak Demand (kW)	4,113.0	3,198.8	914.3

ENERGY COMPONENT	Standard		Proposed		Margin	
	Electricity (kWh)	Natural Gas (therms)	Electricity (kWh)	Natural Gas (therms)	Electricity (kWh)	Natural Gas (therms)
Space Heating	0	946,925	0	292,364	0	654,561
Space Cooling	2,613,589	0	1,110,702	0	1,502,887	0
Indoor Fans	5,711,870	0	2,702,246	0	3,009,624	0
Heat Rejection	1,066,026	0	481,130	0	584,896	0
Pumps	616,221	0	457,282	0	158,939	0
Domestic Hot Water	0	41,320	0	41,320	0	0
Lighting	4,218,532	0	3,515,442	0	703,089	0
Receptacle	3,515,442	0	3,515,442	0	0	0
Process	6,294,431	0	6,294,431	0	0	0
TOTALS:	24,036,110	988,245	18,076,675	333,684	5,959,435	654,561

Step 4 POTENTIAL OWNER INCENTIVE CALCULATION

	% Below Title 24* (from step 2)		Incentive Rate		Savings (from step 3)		Subtotal
Pacific Gas and Electric Company	Electricity	10.0 + [(25.0 % - 10%)]	= 25.0	/kWh	x 5,959,435	= \$ 1,489,859	
	Natural Gas	34.0 + [(25.0 % - 10%) x 4.4]	= 100.0	/therm	x 654,561	= \$ 654,561	+
Owner Incentive →						\$ max 500000	

Potential incentives indicated on this report are available only through the Whole Building Approach element of the Savings By Design Program for new construction and are NOT GUARANTEED. Projects MUST receive prior, written approval from The Utility during conceptual or early design development and must meet all other program requirements to qualify.

* % Below in this equation is limited to 25%

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