

UTILITY INCENTIVE WORKSHEET

UTIL-1R

Project Name

Date
2/16/2012

Step 1 ANNUAL TDV ENERGY USE (kBtu/sqft-yr)			
ENERGY COMPONENT	Standard	Proposed	Margin
Space Heating	28.96	25.99	2.97
Space Cooling	1.52	0.00	1.52
Heat Rejection	0.00	0.00	0.00
Indoor Fans	3.97	0.67	3.30
Domestic Hot Water	15.83	15.22	0.60
Pumps	0.00	0.00	0.00
TOTALS:	50.28	41.89	8.39

Step 2 PERCENT BELOW TITLE 24		
Margin	Standard	% Better*
8.39	50.28	= 16.7 %
Cooling	Standard	
1.52	1.52	= 99.9 %
Incentive Eligibility		
Owner Incentive (>=15%)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NSHP Incentive (>=30%)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conditioned Floor Area =	2,492.2 ft ²	
Number of Bedrooms =	3	
Energy Star V3 Target =	18 %	

Step 3 ANNUAL SITE ENERGY USE			
Average 2pm - 5pm Peak Demand (kW)	Standard	Proposed	Margin
	1.6	0.0	1.5

Single Orientation

ENERGY COMPONENT	Standard		Proposed		Margin	
	Electricity (kWh)	Natural Gas (therms)	Electricity (kWh)	Natural Gas (therms)	Electricity (kWh)	Natural Gas (therms)
Space Heating	0.00	459.18	0.00	411.79	0.00	47.39
Space Cooling	103.61	0.00	0.28	0.00	103.33	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00	0.00
Indoor Fans	765.54	0.00	120.09	0.00	645.45	0.00
Domestic Hot Water	0.00	265.85	0.00	255.75	0.00	10.10
Pumps	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	869.15	725.03	120.37	667.54	748.77	57.49

Step 4 POTENTIAL OWNER INCENTIVE CALCULATION

Potential incentives indicated on this report are available only through the California Advanced Homes Program for new construction and are NOT GUARANTEED. Projects must meet all other program requirements to qualify. Potential incentives are subject to program limitations

	% Better than Title-24* (from step 2)	Incentive Rate	Savings (from Step 3)	Subtotal
Electricity (kWh)	16.7 %	0.48 \$/kWh	748.77 kWh	\$359
Electricity (kW)	16.7 %	84 \$/kW	1.5 kW	\$126
Natural Gas	16.7 %	1.91 \$/therm	57.49 therm	\$110
Base Incentive				\$595
Energy Star Incentive		n/a	10%	n/a
Green Home Incentive		n/a	10%	n/a
Compact Home Incentive		n/a	15%	n/a
Photovoltaic Incentive		n/a	n/a	n/a
NSHP				n/a
Total				\$595



*% Better than in this equation is limited to 45%