

COUNTY OF MARIN

SINGLE FAMILY DWELLING ENERGY EFFICIENCY ORDINANCE (SFDEEO)

Project Name & Address:		
Date of Title 24 Report:	Total Conditioned Floor Area:	sq ft

Submittal Requirements: This form must be submitted with the Building Permit Application and the Title 24 Report and it must be included on all sets of submitted architectural plans on the same page as the CF-1R.

1. Calculate SFDEEO Adjusted Standard Design:

Standard Design¹ (TDV KBtu/sf-yr)	x	<i>[Adjustment Factor from Compliance Table below]</i>	=	Adjusted Standard Design (TDV KBtu/sf-yr)	
					<i>[used in Step #4]</i>
		0.85			
<i>[from Part 1, CF-1R: see Note 1 below]</i>				Maximum Allowed Proposed Design (TDV Kbtu/sf-yr)	

Note 1: The Standard Design and Proposed Design values must include DHW energy use, except in the E+A+A method when there is no change in the existing water heater(s).

2. Calculate Solar Photovoltaic (PV) System Credit:

For a solar PV system credit under the Ordinance, Annual Production is obtained using the CEC PV Calculator at: http://www.qosolarcalifornia.ca.gov/nshpcalculator/download_calculator.html

Solar PV Credit may be used only if Proposed Design is = or < the Maximum Allowed Proposed Design.

Nominal Photovoltaic System Size (KW DC)	Annual Production (TDV KWh/yr)	<i>[Calculation factor]</i>	
		/ (0.293 x Cond. Floor Area) =	
<i>[For information only]</i>			Solar PV Credit (TDV KBtu/sf-yr) <i>[used in Step #3]</i>

3. Calculate SFDEEO Adjusted Proposed Design:

Proposed Design¹ (TDV KBtu/sf-yr)	-	Solar PV Credit (TDV Kbtu/sf-yr)	=	Adjusted Proposed Design (TDV KBtu/sf-yr)	
					<i>[used in Step #4]</i>
<i>[from Part 1, CF-1R: see Note 1 above]</i>		<i>[from Step #2: enter zero if no Solar PV]</i>			

4. Verify SFDEEO Compliance Requirement:

Adjusted Standard Design (TDV KBtu/sf-yr)		Adjusted Proposed Design (TDV KBtu/sf-yr)
	MUST BE = or >	

Compliance Table: Adjustment Factor Based on House Size and Climate Zone		
House Size (Total Conditioned Area)	Buildings Located In Climate Zone 2	Buildings Located In Climate Zone 3
1,500 - 4,499 SF	0.850	0.850
4,500 - 5,499 SF	0.825	0.850
5,500 - 6,499 SF	0.700	0.730
6,500 - 7,499 SF	0.630	0.665
7,500 - 8,499 SF	0.570	0.605
8,500 - 9,499 SF	0.525	0.560
9,500 - 10,499 SF	0.485	0.520
10,500 - 11,499 SF	0.450	0.485
11,500+ SF	0.425	0.460