Attachment 1: California Cogeneration Council (CCC) Analysis of Methods to Allocate Greenhouse Gas Emissions

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1				Default CCAR Electrical Efficency (e_P)				0.35																	
2				Default CCAR Thermal Efficency (e_H)				0.8																	
3				Conversion Factor for Natural Gas (lb CO_2/mmbtu)				117																	
4				Efficiency of Conventional Boiler				0.8																	
5																									
6								SB 1368			CPUC Cnversion Method					CCAR Efficency Method				CCC Modified Efficiency Method					
7			P	H		e_P	e_H	Emission						Implied											E_H
8		Net Power	Net Power	Net Thermal	Fuel Input	(Calculated)	(Calculated)	Factor/Rate	E_T		E_P	E_P/E_T	E_H	eP		E_P	E_H			e_P	e_H	E_H	E_P		Boiler
9		(mwh)	(mmbtu)	Out (mmbtu)	HHV (mmbtu)			(lb CO_2/mwh)	(lb CO_2)		(lb CO_2)		(lb CO_2)	(%)		(lb CO_2)	(lb CO_2)			(calc)	(calc)	(lb CO_2)	(lb CO_2)		(lb CO_2)
10																									
11	High Thermal	7.81	26.66	40.64	100.00	0.27	0.55	593	11,700		4,634	0.396	7,066	67%		7,018	4,682			0.27	0.55	4,950	6,750		5,944
12	Low Thermal	11.66	39.80	2.27	100.00	0.40	0.04	949	11,700		11,068	0.946	632	42%		11,415	285			0.40	0.04	4,397	7,303		332