

ATTACHMENT 2 - Emissions Reductions Impacts of Decisions by Cities to Opt Up Some/All Customer Classes

	Jurisdictions that opted up one or more customer classes	Customer Class	Bright Choice - 85% GHG free (kWh) DEFAULT *	Brilliant 100 - 100% GHG free (kWh) OPT UP *	100% renewable (kWh) OPT UP *	Carbon emissions - PG&E (metric tons)**	Carbon emissions - EBCE (metric tons)***	Change in GHG emissions: EBCE vs. PG&E (MT)
1	<b>Albany</b>							
		Municipal		1,277,286		87	0	(87)
		Residential		20,650,017		1,404	0	(1,404)
		Commercial		38,355,071		2,608	0	(2,608)
		CARE		2,256,344		153	0	(153)
	<b>TOTALS</b>			62,538,718		4,253	0	(4,253)
2	<b>Berkeley</b>							
		Municipal		11,834,276		805	0	(805)
		Residential	138,321,059			9,406	9,406	0
		Commercial	522,430,291			35,525	35,525	0
		CARE	20,302,483			1,381	1,381	0
	<b>TOTALS</b>		681,053,833	11,834,276		47,116	46,312	(805)
3	<b>Emeryville</b>							
		Municipal		2,078,730		141	0	(141)
		Residential	19,350,425			1,316	1,316	0
		Commercial	173,751,258			11,815	11,815	0
		CARE	3,098,781			211	211	0
	<b>TOTALS</b>		196,200,464	2,078,730		13,483	13,342	(141)
4	<b>Hayward</b>							
		Municipal		9,393,000		639	0	(639)
		Residential		163,471,014		11,116	0	(11,116)
		Commercial		723,011,629		49,165	0	(49,165)
		CARE	75,770,813			5,152	5,152	0
	<b>TOTALS</b>		75,770,813	895,875,643		66,072	5,152	(60,920)
5	<b>Piedmont</b>							
		Municipal****		875,704		60	0	(60)
		Residential			26,551,929	1,806	0	(1,806)
		Commercial	3,575,853			243	243	0
		CARE	322,995			22	22	0
	<b>TOTALS</b>		3,898,848	875,704	26,551,929	2,130	265	(1,865)
6	<b>San Leandro</b>							
		Municipal		8,977,953		611	0	(611)
		Residential	122,351,054			8,320	8,320	0
		Commercial	415,343,978			28,243	28,243	0
		CARE	41,105,046			2,795	2,795	0
	<b>TOTALS</b>		578,800,078	8,977,953		39,969	39,358	(611)
7	<b>Oakland</b>							
		Municipal		75,795,284		5,154	0	(5,154)
		Residential	484,288,634			32,932	32,932	0
		Commercial	1,259,871,710			85,671	85,671	0
		CARE	184,779,001			12,565	12,565	0
	<b>TOTALS</b>		1,928,939,345	75,795,284		136,322	131,168	(5,154)

\* Consumption data based on PG&E's 2016 load report

\*\* Based upon PG&E carbon intensity forecast for 2018 of .068 metric tons CO2e/MWh (see, PG&E ERRA FORECAST (2018) p. 66 - <http://www.kyotousa.org/documents/view/110>)

\*\*\* EBCE's Bright Choice should be 85% GHG free. PG&E's carbon intensity forecast for 2018 would put PG&E electricity at approximately 88% GHG free

\*\*\*\* Piedmont municipal accounts will be enrolled at 100% renewable in next enrollment phase