

ORA
Office of Ratepayer Advocates
California Public Utilities Commission

Background Data on CARE Discount
Rate Impacts

Relevant to:
SBx 2 (Alarcon)
AB 3 (Wright)
ABx 13 (Firebaugh)

January 30, 2001

TABLE 1

CARE Participation & Usage Data (Individually Metered Customers)

	total res customers	1999		average monthly usage		Historical Participation Rates*			CARE usage as % of Total Res (therms or kwh)
		CARE-eligible customers % of total	CARE-participating customers % of eligible	CARE non-CARE	non-CARE	1999	1998	1997	
PG&E - Electric	4,825,448	841,169	33.8%	438	528	34%	30%		4.94%
PG&E - Gas	3,585,622	625,043	32.7%	42	50				4.81%
SDG&E - Electric	1,059,493	223,553	52.5%	318	470	52%	56%	55%	7.77%
SDG&E - Gas		75,174	52.5%	26	36				8.25%
Edison	3,737,000	846,700	58.6%	413	552	59%	63%		10.28%
So Cal Gas	4,767,231	939,145	55.3%	36	51	55%	60%	67%	7.89%
TOTAL	10,652,172	2,003,867	46.0%						

NOTES: electric usage is in kwh, gas usage in therms
 all data is for calendar year 1999, from CARE reports filed in May 2000.
 PG&E and SDG&E did not show eligibility data separately for gas
 PG&E did not show participation data separately for gas
 master-metered customer data is not included

*from prior years' CARE reports, as available

TABLE 2

Estimated Cost of CARE Discounts (Individually Metered Customers)

	Utility-Reported 1999 CARE Surcharges (\$000)	Est. Cost of 15% Discount		Est. Cost of 30% Discount	
		Actual Participation (\$000)	100% Participation (\$000)	Actual Participation (\$000)	100% Participation (\$000)
PG&E - Elec	\$26,724	\$27,028	\$79,976	\$54,057	\$159,953
PG&E - Gas	\$12,612	\$27,079	\$82,891	\$54,158	\$165,782
SDG&E - Elec	\$9,032	\$9,006	\$17,163	\$18,013	\$34,326
SDG&E - Gas	\$3,148	\$6,005	\$11,442	\$12,009	\$22,885
Edison	\$42,450	\$46,531	\$79,387	\$93,062	\$158,775
So Cal Gas	\$27,200	\$31,822	\$57,526	\$63,644	\$115,052
TOTAL E&G	\$121,166	\$147,471	\$328,386	\$294,942	\$656,771
Electric	\$78,206	\$82,566	\$176,526	\$165,131	\$353,053
Gas	\$42,960	\$64,905	\$151,859	\$129,811	\$303,718

NOTES:

electric usage is in kwh, gas usage in therms

all data is for calendar year 1999, from CARE reports filed in May 2000.

PG&E and SDG&E did not show eligibility data separately for gas

PG&E did not show participation data separately for gas

master-metered customer data is not included

TABLE 3
Costs of CARE Surcharges
Utility-Reported Data for 1999

	TOTAL (1)	Avg. Cost to Residential		Avg. Cost to Commercial		Avg. Cost to Industrial	
		\$ / mo.	% of avg. bill	\$ / mo.	% of avg. bill	\$ / mo.	% of avg. bill
PG&E - Elec	\$26,723,613	Not Reported(NR)	0.42%	NR	0.51%	NR	0.84%
PG&E - Gas	\$12,612,084	NR	NR	NR		NR	NR
SDG&E - Elec	\$9,031,845	\$0.30	0.57%	\$2.60	0.63%	\$218.47	0.70%
SDG&E - Gas	\$3,147,635	\$0.20	0.73%	\$2.14	0.89%	\$464.69 (2)	1.80%
Edison	\$42,450,426	\$0.42	0.70%	\$2.30	0.40%	\$21.33	0.90%
So Cal Gas	\$27,200,000 (1)	\$0.26	0.75%	\$2.00	1.03%	\$686.76 (2)	10.81%
TOTAL	\$121,165,603						

(1) Total CARE amounts represent the surcharge collected by PG&E, SDG&E and Edison in 1999, and reported in their annual reports. SoCalGas total from BCAP decision, D.00-04-060; avg. cost and % of bill prorated from 1999 annual report using the 2000 BCAP program costs.
(2) represents noncore customers' transportation rate only.

Costs of CARE Surcharges
Estimates of Cost for 30% CARE Discount

	TOTAL	Avg. Cost to Residential		Avg. Cost to Commercial		Avg. Cost to Industrial	
		\$ / mo.	% of avg. bill	\$ / mo.	% of avg. bill	\$ / mo.	% of avg. bill
PG&E - Elec	\$53,447,226	NR	0.84%	NR	1.01%	NR	1.68%
PG&E - Gas	\$25,224,168	NR	NR	NR	NR	NR	NR
SDG&E - Elec	\$18,063,690	\$0.60	1.14%	\$5.20	1.26%	\$436.94	1.40%
SDG&E - Gas	\$6,295,270	\$0.40	1.46%	\$4.28	1.78%	\$929.38	3.60%
Edison	\$84,900,852	\$0.84	1.40%	\$4.59	0.80%	\$42.66	1.80%
So Cal Gas	\$54,400,000	\$0.52	1.51%	\$4.01	2.06%	\$1,373.51	21.62%
TOTAL	\$242,331,206						

TABLE 4 Average Residential Bills -- Annual (1999 data)										
	CARE					NON-CARE				
	Avg Usage kwh/thm	Tier 1 (1)	Bill	Combined Bill	Avg Usage	Tier 1 (1)	Bill (2)	Combined Bill		
PG&E - Elec	5,256	3,828	\$539	\$1,290	6,347	3,722	\$781	\$1,848		
PG&E - Gas	498	354	\$751	PG&E	595	372	\$1,067	PG&E		
SDG&E - Elec	3,816	2,784	\$435	\$888	5,640	2,856	\$782	\$1,528		
SDG&E - Gas	312	240	\$453	SDG&E	432	276	\$746	SDG&E		
Edison	4,956	3,563	\$531		6,624	4,054	\$851			
So Cal Gas	429	301	\$347	\$878	615	241	\$619	\$1,470		
(1) Tier 1 is a baseline quantity of kwh or therms that is set by the Commission and is billed at a lower rate than consumption above the baseline quantities. Tier 1 varies by season and climate zone. (2) Average nonCARE bill includes the CARE surcharge										
Average Residential Bills -- Monthly (1999 data)										
	CARE					NON-CARE				
	Avg Usage kwh/thm	Tier 1 (1)	Bill	Combined Bill	Avg Usage	Tier 1 (1)	Bill (2)	Combined Bill		
PG&E - Elec	438	319	\$44.90	\$107.52	529	310	\$65.08	\$153.99		
PG&E - Gas	42	30	\$62.62	PG&E	50	31	\$88.91	PG&E		
SDG&E - Elec	318	232	\$36.25	\$73.97	470	238	\$65.15	\$127.36		
SDG&E - Gas	26	20	\$37.72	SDG&E	36	23	\$62.20	SDG&E		
Edison	413	297	\$44.28		552	338	\$70.89			
So Cal Gas	36	25	\$28.93	\$73.20	51	20	\$51.58	\$122.47		
(1) Ibid. (2) Ibid										

TABLE 5 Estimated Cost of CARE Discounts (Individually Metered Customers) { Supporting Calculations}											
	CARE avg use (th or kwh / mo)*	# of CARE customers*	CARE Usage (Mwh or decatherms)†		Current Non-CARE Rates		Revenues @ Non-CARE Rates		Total (\$000)		
			Total	% Baseline	Baseline	Non-Baseline	Baseline (\$/kwh or \$/th)	Non-Baseline (\$/kwh or \$/th)		Baseline (\$000)	Non-Baseline (\$000)
PG&E - Elec	438	284,276	1,494,155	73%	1,088,209	405,946	\$0.11589	\$0.13321	\$126,112	\$54,076	\$180,189
PG&E - Gas	42	204,190	10,168,662	71%	7,224,844	2,943,818	\$1.71961	\$1.91203	\$124,239	\$56,287	\$180,526
SDG&E - Elec	318	117,313	447,666	73%	326,599	121,067	\$0.12867	\$0.14884	\$42,024	\$18,020	\$60,043
SDG&E - Gas	26	75,174	2,345,429	77%	1,804,176	541,253	\$1.66936	\$1.83139	\$30,118	\$9,912	\$40,031
Edison	413	496,271	2,459,519	72%	1,768,570	690,949	\$0.12009	\$0.14157	\$212,388	\$97,818	\$310,205
So Cal Gas	36	519,511	22,307,802	70%	15,626,891	6,680,911	\$0.89712	\$1.07700	\$140,192	\$71,953	\$212,145
TOTAL E&G		921,100									\$983,139
Electric			4,401,340 Mwh								\$550,437
Gas			34,821,893 Dth								\$432,702

* 1999 utility-reported data

TABLE 6

LIHEAP Bill Assistance Expenditures - 1999

	<u>Expenditures*</u>	<u>Households</u>	<u>Avg. Exp. per HH</u>	
			Annual	Monthly
PG&E	\$8,698,597	42,677	\$203.82	\$16.99
SDG&E	\$1,256,003	5,515	\$227.74	\$18.98
Edison	\$4,974,149	24,953	\$199.34	\$16.61
So Cal Gas	\$1,524,206	7,554	\$201.77	\$16.81
TOTAL EXP	\$16,452,955			
* Data provided by State Dept of Community Services & Development				