

ATTACHMENT 1

OVERLOOKED AND UNDERCOUNTED 2009: STRUGGLING TO MAKE ENDS MEET IN CALIFORNIA United
Way, December 2009

Figure B. The Self-Sufficiency Standard by County: California

OVERLOOKED AND Undercounted 2009

Struggling to make ends meet in California



UNITED WAY

UNITED WAY IS A NETWORK OF NEARLY 1,300 LOCAL NON-PROFIT organizations that work to advance the common good by focusing on education, income and health. In California, 38 United Ways throughout the state raise and invest more than \$200 million each year to address the underlying causes of our state's largest social problems working with nonprofits, government and businesses to bring change.

THE UNITED WAYS OF CALIFORNIA HAVE WORKED TO PROMOTE financial stability for decades. In 2003, United Way of the Bay Area adopted the Self-Sufficiency Standard developed by Dr. Pearce and urged the United Way system to do the same. The United Way system adopted it nationally in 2005 as it launched the Financial Stability Partnership™, which focuses on income, savings and assets.

TO LEARN MORE VISIT WWW.UNITEDWAY.ORG, WWW.UNITEDWAYCA.ORG or contact your local United Way.

INSIGHT CENTER FOR COMMUNITY ECONOMIC DEVELOPMENT

FOUNDED IN 1969, THE INSIGHT CENTER FOR COMMUNITY ECONOMIC DEVELOPMENT is a national research, consulting and legal non-profit organization dedicated to building economic health and opportunity in low-income communities.

THE INSIGHT CENTER WAS ONE OF FOUR ORGANIZATIONS THAT launched the Family Economic Self-Sufficiency Project and one of five organizations that launched the Elder Economic Security Initiative™, innovative, nationwide efforts to help low-income families and retired elders reach economic security. The national effort is organized in partnership with Wider Opportunities for Women (WOW). For several years, Insight Center has worked with Dr. Pearce and a variety of partners to help close the gap between families' income and the rising cost of living.

GO TO WWW.INSIGHTCED.ORG TO LEARN MORE, OR CALL (8) 251-2600.

CENTER FOR WOMEN'S WELFARE

THE CENTER FOR WOMEN'S WELFARE AT THE UNIVERSITY OF Washington's School of Social Work is devoted to furthering economic justice for women and their families. The main work of the Center focuses on the development of the Self-Sufficiency Standard. Under the direction of Dr. Diana Pearce, the Center collaborates with a range of government, non-profit, women's, children's and community-based groups to:

- 1) RESEARCH AND EVALUATE PUBLIC POLICY RELATED TO income adequacy;
- 2) CREATE TOOLS TO ASSESS AND ESTABLISH INCOME ADEQUACY; and
- 3) DEVELOP PROGRAMS AND POLICIES THAT STRENGTHEN public investment in low-income women, children and families.

Go to www.selfsufficiencystandard.org to learn more, or call (206) 685-5264.

FOR SPECIFIC QUESTIONS ABOUT THE DATA AND METHODOLOGY of this report, contact: Diana Pearce, PhD, Center for Women's Welfare, University of Washington, pearce@uw.edu or Denise L. Gammal, PhD, United Way of the Bay Area, stability@uwba.org.

OVERLOOKED AND UNDERCOUNTED 2009: STRUGGLING TO MAKE ENDS MEET IN CALIFORNIA

Diana M. Pearce, Ph.D. • December 2009

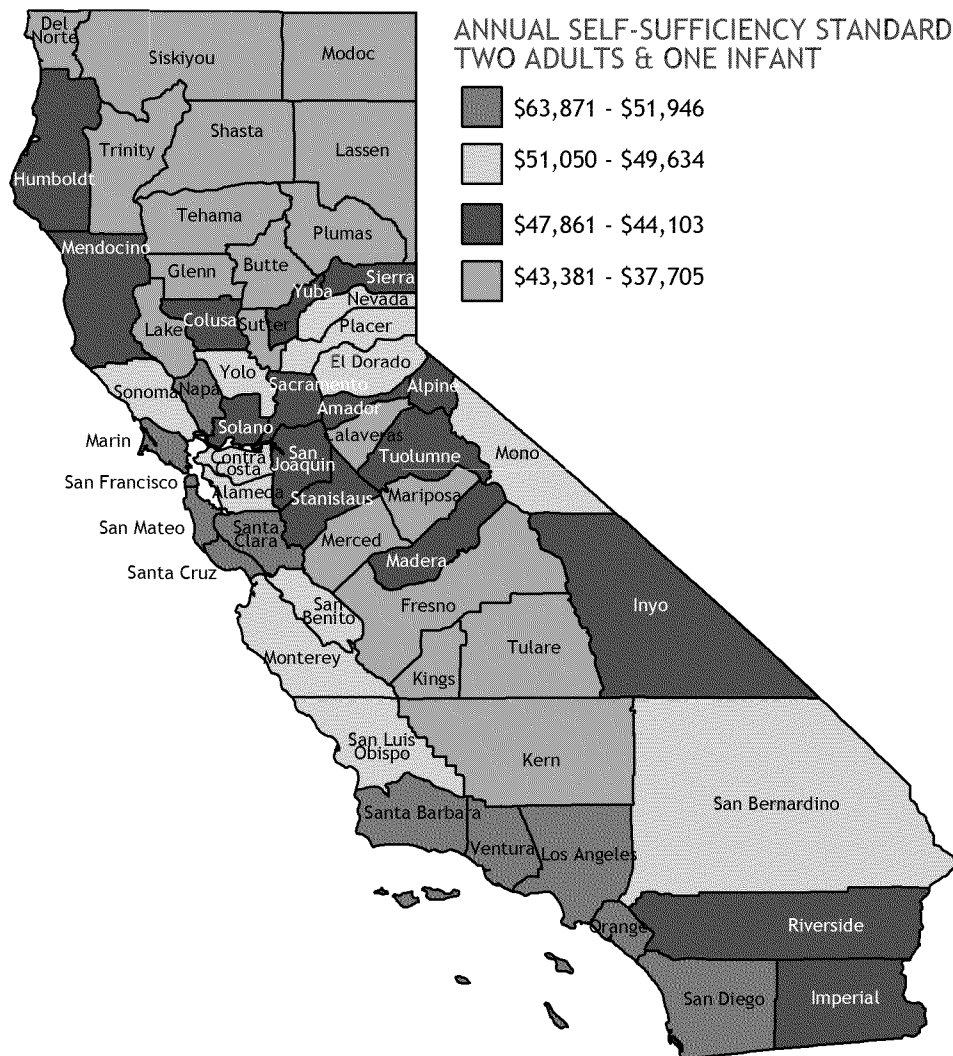
DIRECTOR, CENTER FOR WOMEN'S WELFARE
SCHOOL OF SOCIAL WORK, UNIVERSITY OF WASHINGTON

Prepared for

UNITED WAY OF THE BAY AREA (LEAD)
INSIGHT CENTER FOR COMMUNITY ECONOMIC DEVELOPMENT
ORANGE COUNTY UNITED WAY
UNITED WAY OF GREATER LOS ANGELES
UNITED WAY OF SANTA CRUZ COUNTY
UNITED WAY OF SILICON VALLEY
UNITED WAY OF VENTURA COUNTY
UNITED WAY OF THE WINE COUNTRY
UNITED WAYS OF CALIFORNIA

Prepared with Bu Huang, Ph.D. (statistical analysis), Michelle Desmond, Liesl Eckert, Sarah Lowry, and Lisa Manzer, at the University of Washington, School of Social Work, Center for Women's Welfare.

FIGURE B. THE SELF-SUFFICIENCY STANDARD BY COUNTY: CALIFORNIA



Source: See Appendix B, Table 21.

counties of Sonoma, Contra Costa, and Alameda; Yolo, Placer, and El Dorado Counties in the Greater Sacramento region; and the rural counties of Mono and Nevada.

The third group of counties, with Self-Sufficiency Standards ranging from \$44,103–\$47,861 for two adults and one infant, includes both metropolitan (Sacramento, San Joaquin, Stanislaus, Solano, Madera, Yuba, Riverside and Imperial Counties) and rural counties such as several counties in the Central Sierra region (Alpine, Amador, Tuolumne, and Inyo) and the Northern California counties of Humboldt, Mendocino, and Sierra.

The least expensive counties in California for this family type have standards that range from \$37,705–\$43,381 per year and are located in the Central Valley.

ATTACHMENT 2

Bill Calculator Inputs and Selected Outputs

PG&E S1 and S2

SCE S1 and S2

SDG&E S1 and S2

TURN - PG&E S-1

Rate Design Inputs Non TOU and TOU	
Current Rate Date =>	7/1/2012 ▼
2 Tier Rate Ratio =>	20%
# of Tiers =>	3 ▼
Baseline Allowance Percent =>	55% ▼
Baseline Allowance from the sample (Do not use the percent input) =>	No ▼
Tier-3 to Tier-4 Delta (cents/kWh) =>	3.00
Tier-4 to Tier-5 Delta (cents/kWh) =>	3.00
T1 Increase (Over Current) =>	22%
T2 Increase (Over Current) =>	44%
Minimum Charge imposed in lieu of Customer Charge =>	No ▼
Minimum Charge Applicable to Delivery Charge Only =>	No ▼
Cust Charge \$/Mo. =>	-
Fixed Charge High Demand \$/Mo. =>	-
Fixed Charge Low Demand \$/Mo. =>	-
Fixed Charge Break Point kW =>	3.00
CARE Discount for Tier-1, Cust. Chg., Demand Chg. & Min. Bill Amt. =>	50%
CARE Discount for Tier-2 =>	45%
CARE Discount for Tier-3 and Above =>	40%
Income Based Discount 100% of Poverty Level or Below =>	35%
Income Based Discount 100% to 200% of Poverty Level =>	25%
Income Based Discount 200% to 300% of Poverty Level =>	10%
Frozen CARE T1/T2 =>	<input type="checkbox"/>
Use existing CARE Tier-3 rate =>	<input type="checkbox"/>
Apply Income Based Discount Instead of Tier Based CARE Disc =>	<input type="checkbox"/>

TURN - PG&E S-2

Rate Design Inputs Non TOU and TOU	
Current Rate Date =>	7/1/2012 ▼
2 Tier Rate Ratio =>	20%
# of Tiers =>	3 ▼
Baseline Allowance Percent =>	55% ▼
Baseline Allowance from the sample (Do not use the percent input) =>	No ▼
Tier-3 to Tier-4 Delta (cents/kWh) =>	3.00
Tier-4 to Tier-5 Delta (cents/kWh) =>	3.00
T1 Increase (Over Current) =>	21%
T2 Increase (Over Current) =>	44%
Minimum Charge imposed in lieu of Customer Charge =>	No ▼
Minimum Charge Applicable to Delivery Charge Only =>	No ▼
Cust Charge \$/Mo. =>	-
Fixed Charge High Demand \$/Mo. =>	-
Fixed Charge Low Demand \$/Mo. =>	-
Fixed Charge Break Point kW =>	3.00
CARE Discount for Tier-1, Cust. Chg., Demand Chg. & Min. Bill Amt. =>	50%
CARE Discount for Tier-2 =>	30%
CARE Discount for Tier-3 and Above =>	10%
Income Based Discount 100% of Poverty Level or Below =>	35%
Income Based Discount 100% to 200% of Poverty Level =>	25%
Income Based Discount 200% to 300% of Poverty Level =>	10%
Frozen CARE T1/T2 =>	<input type="checkbox"/>
Use existing CARE Tier-3 rate =>	<input type="checkbox"/>
Apply Income Based Discount Instead of Tier Based CARE Disc =>	<input type="checkbox"/>

Resulting 3-Tier Rate						
Non-CARE	Tier	Forecast Sales (GWh)	% of Sales	Jul-12 Rate	3-Tier Rate Rate	
	1	12.93	61%	12.8	15.5	
	2	2.45	11%	14.6	21.0	
	3	3.33	16%	29.6	21.0	
	4	1.70	8%	33.6	25.2	
	5	0.94	4%	33.6	25.2	
Cust \$/Mo.				0.0	0.0	
Fixed Charge High Demand \$/Mo.				0.0	0.0	
Fixed Charge Low Demand \$/Mo.				0.0	0.0	
Min Charge \$/Mo.				4.5	0.0	
CARE	Tier	Sales (GWh)	% of Sales	Jul-12 Rate	3-Tier Rate Rate	
	1	5.30	68%	8.3	7.8	
	2	0.86	11%	9.6	14.7	
	3	1.04	13%	12.5	14.7	
	4	0.44	6%	12.5	22.7	
	5	0.20	2%	12.5	22.7	
Cust \$/Mo.				0.0	0.0	
Fixed Charge High Demand \$/Mo.				0.0	0.0	
Fixed Charge Low Demand \$/Mo.				0.0	0.0	
Min Charge \$/Mo.				3.6	0.0	

PG&E S-2

Non-Care Rates: 15.5-21.0-25.2

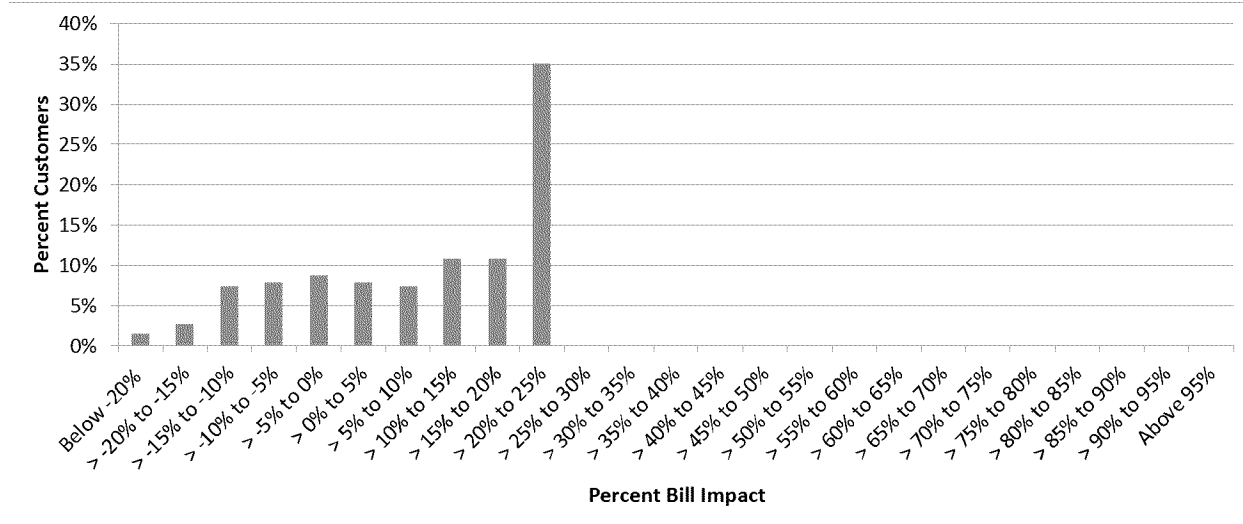
CARE Rates: 7.8-14.7-22.7

CARE Tier Discounts: 50%-30%-10%.

% of Customers by % of Bill impact

Non-CARE

Non TOU 3-Tier Rate Design Impacts NonCARE Customers

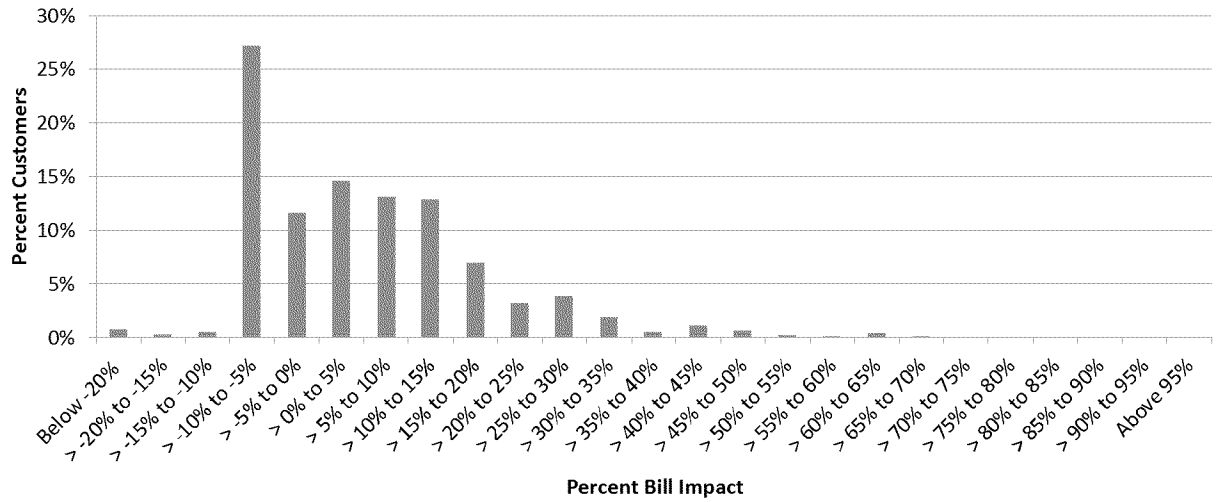


Non TOU 3-Tier Rate Design Impacts NonCARE Customers

Impact	Customer		Average		Average Cents/kWh %			Monthly \$			Average Bill to Income	
	Percent Range	Number	Percent	Monthly - kWh	Load Factor	Jul-12	Proposed	Change	Jul-12	Proposed	Change	Jul-12
Below -20%	51,497	2%	1,005	9%	29.67	23.23	-22%	298.16	233.45	(64.70)	3.6%	2.8%
> -20% to -15%	91,104	3%	1,248	18%	26.01	21.60	-17%	324.72	269.56	(55.16)	2.9%	2.4%
> -15% to -10%	246,155	7%	969	17%	23.16	20.26	-13%	224.35	196.28	(28.07)	2.6%	2.3%
> -10% to -5%	260,672	8%	791	14%	20.84	19.22	-8%	164.88	152.07	(12.81)	1.9%	1.8%
> -5% to 0%	294,438	9%	699	14%	18.85	18.41	-2%	131.76	128.71	(3.06)	1.7%	1.6%
> 0% to 5%	263,751	8%	618	14%	17.50	17.89	2%	108.14	110.59	2.45	1.3%	1.4%
> 5% to 10%	249,165	7%	568	13%	16.19	17.40	7%	91.99	98.84	6.85	1.2%	1.3%
> 10% to 15%	360,297	11%	468	13%	15.15	17.01	12%	70.96	79.66	8.70	0.9%	1.0%
> 15% to 20%	359,688	11%	403	11%	14.07	16.53	18%	56.76	66.71	9.95	0.8%	0.9%
> 20% to 25%	1,176,782	35%	293	12%	13.05	15.84	21%	38.20	46.36	8.16	0.6%	0.8%
> 25% to 30%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 30% to 35%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 35% to 40%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 40% to 45%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 45% to 50%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 50% to 55%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 55% to 60%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 60% to 65%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 65% to 70%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 70% to 75%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 75% to 80%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 80% to 85%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 85% to 90%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 90% to 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
Above 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
Group Total	3,353,549	100%	530	13%	18.23	18.18	0%	96.71	96.46	(0.25)	1.3%	1.3%

CARE

Non TOU 3-Tier Rate Design Impacts CARE Customers



Non TOU 3-Tier Rate Design Impacts CARE Customers

Impact	Customer		Average		Average Cents/kWh %			Monthly \$			Average Bill to Income	
	Percent Range	Number	Percent	Monthly - kWh	Load Factor	Jul-12	Proposed	Change	Jul-12	Proposed	Change	Jul-12
Below -20%	10,140	1%	37	8%	16.34	7.90	-52%	5.98	2.89	(3.09)	0.2%	0.1%
> -20% to -15%	4,773	0%	82	12%	9.58	7.79	-19%	7.83	6.37	(1.46)	0.3%	0.2%
> -15% to -10%	7,596	1%	228	9%	8.77	7.80	-11%	19.97	17.76	(2.22)	0.6%	0.5%
> -10% to -5%	344,338	27%	247	13%	8.35	7.79	-7%	20.62	19.24	(1.38)	1.1%	1.0%
> -5% to 0%	147,001	12%	392	13%	8.43	8.22	-2%	33.10	32.27	(0.83)	1.2%	1.2%
> 0% to 5%	186,033	15%	489	14%	8.72	8.94	3%	42.60	43.70	1.11	1.6%	1.6%
> 5% to 10%	165,698	13%	527	16%	8.97	9.65	8%	47.26	50.86	3.60	1.5%	1.6%
> 10% to 15%	163,020	13%	626	17%	9.44	10.55	12%	59.05	66.04	6.98	1.6%	1.8%
> 15% to 20%	88,536	7%	804	17%	9.78	11.51	18%	78.63	92.54	13.91	1.9%	2.2%
> 20% to 25%	41,100	3%	874	18%	9.96	12.21	23%	87.06	106.73	19.67	2.1%	2.6%
> 25% to 30%	48,523	4%	853	18%	10.36	13.27	28%	88.35	113.17	24.82	1.9%	2.4%
> 30% to 35%	23,305	2%	792	18%	10.56	14.03	33%	83.59	111.10	27.51	2.5%	3.3%
> 35% to 40%	6,534	1%	1,201	19%	10.66	14.63	37%	128.02	175.68	47.66	3.4%	4.7%
> 40% to 45%	13,865	1%	1,591	17%	10.84	15.30	41%	172.46	243.42	70.96	4.2%	6.0%
> 45% to 50%	7,913	1%	1,316	21%	11.06	16.24	47%	145.58	213.79	68.21	1.7%	2.5%
> 50% to 55%	2,133	0%	1,469	23%	11.29	17.30	53%	165.88	254.19	88.32	3.3%	5.1%
> 55% to 60%	1,577	0%	2,113	20%	11.45	18.04	58%	242.00	381.26	139.26	5.1%	8.0%
> 60% to 65%	5,710	0%	2,579	27%	11.61	18.72	61%	299.38	482.85	183.47	5.4%	8.7%
> 65% to 70%	235	0%	2,631	14%	11.81	19.66	66%	310.85	517.20	206.36	23.7%	39.4%
> 70% to 75%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 75% to 80%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 80% to 85%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 85% to 90%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 90% to 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
Above 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
Group Total	1,268,031	100%	516	15%	9.36	10.66	14%	48.32	55.03	6.71	1.6%	1.8%

% impact by kWh:

Non-Care

Customers		Average		Monthly Bill			
Number	Percent	Monthly - kWh	Load Factor	Current	Proposed	Change	Percent Change
1,176,782	35%	293	12%	\$ 38.20	\$ 46.36	\$ 8.16	21.4%
359,688	11%	403	11%	\$ 56.76	\$ 66.71	\$ 9.95	17.5%
360,297	11%	468	13%	\$ 70.96	\$ 79.66	\$ 8.70	12.3%
249,165	7%	568	13%	\$ 91.99	\$ 98.84	\$ 6.85	7.4%
263,751	8%	618	14%	\$ 108.14	\$ 110.59	\$ 2.45	2.3%
294,438	9%	699	14%	\$ 131.76	\$ 128.71	\$ (3.06)	-2.3%
260,672	8%	791	14%	\$ 164.88	\$ 152.07	\$(12.81)	-7.8%
246,155	7%	969	17%	\$ 224.35	\$ 196.28	\$(28.07)	-12.5%
51,497	2%	1,005	9%	\$ 298.16	\$ 233.45	\$(64.70)	-21.7%
91,104	3%	1,248	18%	\$ 324.72	\$ 269.56	\$(55.16)	-17.0%

non-CARE: Same as above with only bill impact

Average Monthly Usage (kWh)	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
293	\$38.20	\$46.36	\$8.16	21.4%
403	\$56.76	\$66.71	\$9.95	17.5%
468	\$70.96	\$79.66	\$8.70	12.3%
568	\$91.99	\$98.84	\$6.85	7.4%
618	\$108.14	\$110.59	\$2.45	2.3%
699	\$131.76	\$128.71	(\$3.06)	-2.3%
791	\$164.88	\$152.07	\$(12.81)	-7.8%
969	\$224.35	\$196.28	\$(28.07)	-12.5%
1,005	\$298.16	\$233.45	\$(64.70)	-21.7%
1,248	\$324.72	\$269.56	\$(55.16)	-17.0%

CARE

Customers		Average		Monthly Bill			
Number	Percent	Monthly - kWh	Load Factor	Current	Proposed	Change	Percent Change
10,140	1%	37	8%	\$ 5.98	\$ 2.89	\$ (3.09)	-51.7%
4,773	0%	82	12%	\$ 7.83	\$ 6.37	\$ (1.46)	-18.7%
7,596	1%	228	9%	\$ 19.97	\$ 17.76	\$ (2.22)	-11.1%
344,338	27%	247	13%	\$ 20.62	\$ 19.24	\$ (1.38)	-6.7%
147,001	12%	392	13%	\$ 33.10	\$ 32.27	\$ (0.83)	-2.5%
186,033	15%	489	14%	\$ 42.60	\$ 43.70	\$ 1.11	2.6%
165,698	13%	527	16%	\$ 47.26	\$ 50.86	\$ 3.60	7.6%
162,743	13%	625	17%	\$ 59.05	\$ 66.04	\$ 6.98	11.8%
23,582	2%	793	18%	\$ 83.59	\$ 111.10	\$ 27.51	32.9%
88,536	7%	804	17%	\$ 78.63	\$ 92.54	\$ 13.91	17.7%
48,523	4%	853	18%	\$ 88.35	\$ 113.17	\$ 24.82	28.1%
41,100	3%	874	18%	\$ 87.06	\$ 106.73	\$ 19.67	22.6%
6,534	1%	1,201	19%	\$ 128.02	\$ 175.68	\$ 47.66	37.2%
7,913	1%	1,316	21%	\$ 145.58	\$ 213.79	\$ 68.21	46.9%
2,133	0%	1,469	23%	\$ 165.88	\$ 254.19	\$ 88.32	53.2%
13,865	1%	1,591	17%	\$ 172.46	\$ 243.42	\$ 70.96	41.1%
1,577	0%	2,113	20%	\$ 242.00	\$ 381.26	\$ 139.26	57.5%
5,710	0%	2,579	27%	\$ 299.38	\$ 482.85	\$ 183.47	61.3%
235	0%	2,631	14%	\$ 310.85	\$ 517.20	\$ 206.36	66.4%

CARE: Same as above with only bill impact

Average Monthly Usage (kWh)	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
37	\$5.98	\$2.89	(\$3.09)	-51.7%
82	\$7.83	\$6.37	(\$1.46)	-18.7%
228	\$19.97	\$17.76	(\$2.22)	-11.1%
247	\$20.62	\$19.24	(\$1.38)	-6.7%
392	\$33.10	\$32.27	(\$0.83)	-2.5%
489	\$42.60	\$43.70	\$1.11	2.6%
527	\$47.26	\$50.86	\$3.60	7.6%
625	\$59.05	\$66.04	\$6.98	11.8%
793	\$83.59	\$111.10	\$27.51	32.9%
804	\$78.63	\$92.54	\$13.91	17.7%
853	\$88.35	\$113.17	\$24.82	28.1%
874	\$87.06	\$106.73	\$19.67	22.6%
1,201	\$128.02	\$175.68	\$47.66	37.2%
1,316	\$145.58	\$213.79	\$68.21	46.9%
1,469	\$165.88	\$254.19	\$88.32	53.2%
1,591	\$172.46	\$243.42	\$70.96	41.1%
2,113	\$242.00	\$381.26	\$139.26	57.5%
2,579	\$299.38	\$482.85	\$183.47	61.3%
2,631	\$310.85	\$517.20	\$206.36	66.4%

Resulting 3-Tier Rate						
Non-CARE	Tier	Forecast Sales (GWh)	% of Sales	Jul-12 Rate	3-Tier Rate Rate	
	1	12.93	61%	12.8	15.7	
	2	2.45	11%	14.6	21.0	
	3	3.33	16%	29.6	21.0	
	4	1.70	8%	33.6	25.4	
	5	0.94	4%	33.6	25.4	
Cust \$/Mo.				0.0	0.0	
Fixed Charge High Demand \$/Mo.				0.0	0.0	
Fixed Charge Low Demand \$/Mo.				0.0	0.0	
Min Charge \$/Mo.				4.5	0.0	
CARE	Tier	Sales (GWh)	% of Sales	Jul-12 Rate	3-Tier Rate Rate	
	1	5.30	68%	8.3	7.9	
	2	0.86	11%	9.6	11.6	
	3	1.04	13%	12.5	11.6	
	4	0.44	6%	12.5	15.2	
	5	0.20	2%	12.5	15.2	
Cust \$/Mo.				0.0	0.0	
Fixed Charge High Demand \$/Mo.				0.0	0.0	
Fixed Charge Low Demand \$/Mo.				0.0	0.0	
Min Charge \$/Mo.				3.6	0.0	

PG&E S-1

Non-Care Rates: 15.7-21.0-25.4

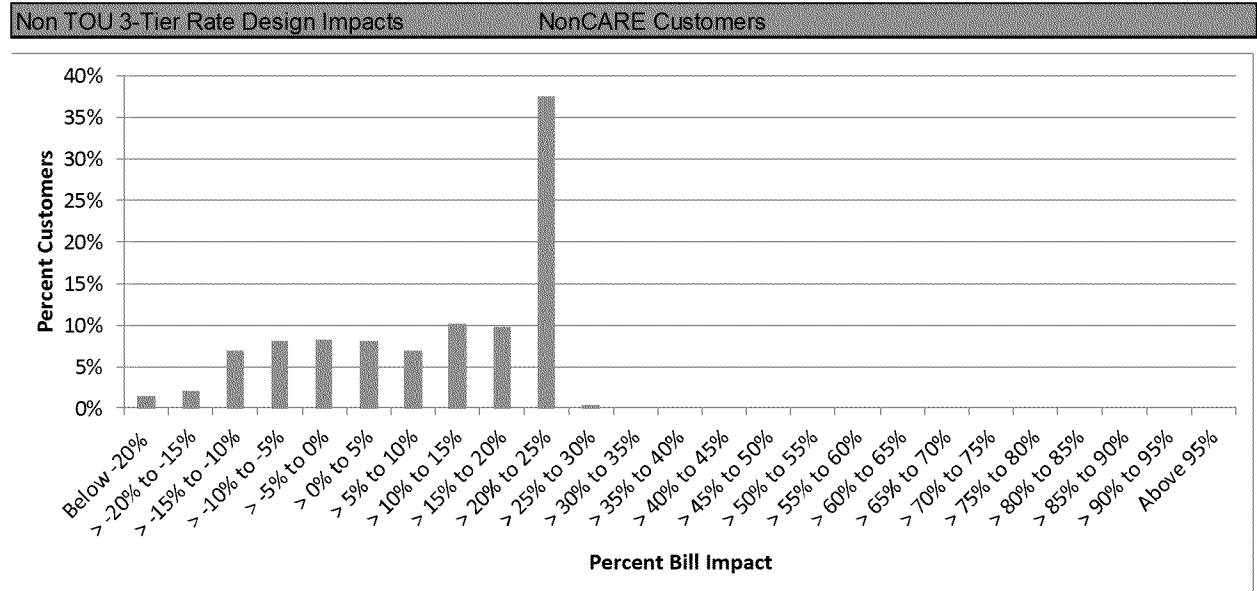
CARE Rates: 7.9-11.6-15.2

CARE Tier Discounts: 50%-45%-40%.

Percent of customers affected % bill impact

Combined (CARE and non -CARE Customers)

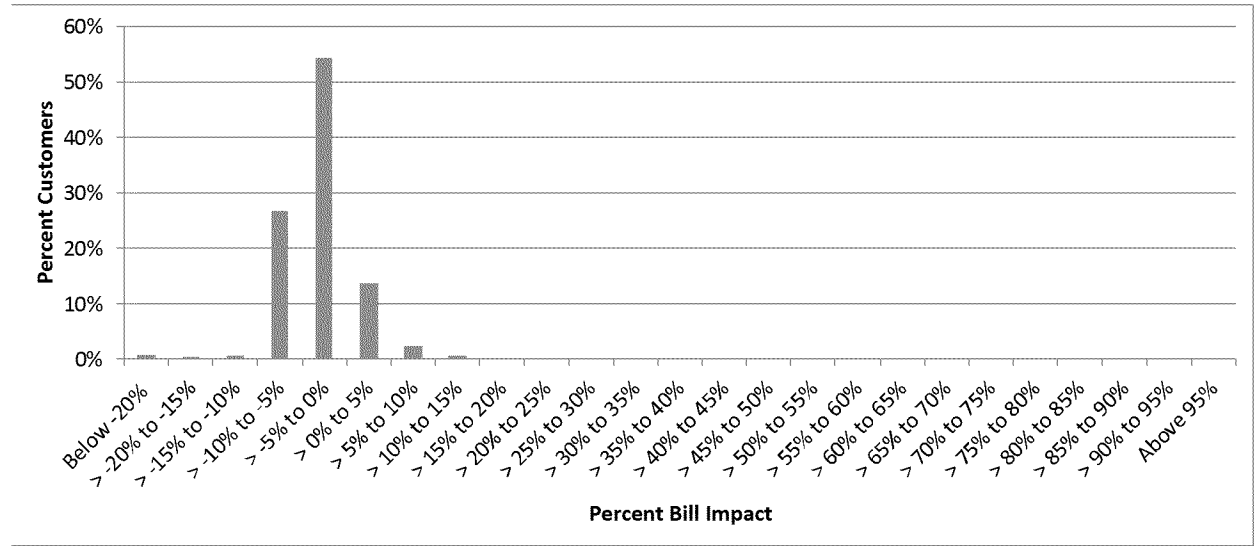
Non-CARE



Non TOU 3-Tier Rate Design Impacts				NonCARE Customers								
Impact	Customer		Average		Average Cents/kWh %			Monthly \$			Average Bill to Income	
Percent Range	Number	Percent	Monthly kWh	Load Factor	Jul-12	Proposed	Change	Jul-12	Proposed	Change	Jul-12	Proposed
Below -20%	50,097	1%	980	9%	29.73	23.42	-21%	291.26	229.44	(61.82)	3.6%	2.8%
> -20% to -15%	69,022	2%	1,331	18%	26.41	21.93	-17%	351.46	291.82	(59.64)	3.1%	2.5%
> -15% to -10%	232,253	7%	996	17%	23.49	20.54	-13%	233.93	204.56	(29.37)	2.6%	2.3%
> -10% to -5%	272,762	8%	795	14%	21.10	19.46	-8%	167.86	154.75	(13.12)	2.0%	1.8%
> -5% to 0%	278,929	8%	714	15%	19.04	18.60	-2%	135.94	132.83	(3.12)	1.7%	1.7%
> 0% to 5%	273,480	8%	630	13%	17.69	18.09	2%	111.45	114.01	2.56	1.3%	1.3%
> 5% to 10%	235,253	7%	560	13%	16.37	17.60	7%	91.70	98.54	6.84	1.2%	1.3%
> 10% to 15%	341,326	10%	508	14%	15.32	17.23	12%	77.85	87.55	9.70	0.9%	1.0%
> 15% to 20%	327,047	10%	416	11%	14.28	16.80	18%	59.44	69.94	10.50	0.9%	1.0%
> 20% to 25%	1,259,550	38%	295	12%	13.10	16.05	23%	38.69	47.43	8.74	0.6%	0.8%
> 25% to 30%	13,830	0%	344	17%	13.18	16.52	25%	45.26	56.75	11.49	0.8%	1.1%
> 30% to 35%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 35% to 40%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 40% to 45%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 45% to 50%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 50% to 55%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 55% to 60%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 60% to 65%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 65% to 70%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 70% to 75%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 75% to 80%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 80% to 85%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 85% to 90%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 90% to 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
> 95% to 100%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%
Group Total	3,353,549	100%	530	13%	18.23	18.33	1%	96.71	97.23	0.52	1.3%	1.3%

CARE

Non TOU 3-Tier Rate Design Impacts CARE Customers



Impact		Customer		Average		Average Cents/kWh %			Monthly \$			Average Bill to Income	
Percent Range	Number	Percent	Monthly kWh	Load Factor	Jul-12	Proposed	Change	Jul-12	Proposed	Change	Jul-12	Proposed	
Below -20%	9,981	1%	35	8%	16.82	7.93	-53%	5.83	2.75	(3.08)	0.2%	0.1%	
> -20% to -15%	5,167	0%	89	12%	9.71	8.00	-18%	8.67	7.13	(1.53)	0.3%	0.3%	
> -15% to -10%	7,472	1%	183	6%	10.42	9.03	-13%	19.03	16.48	(2.55)	0.5%	0.5%	
> -10% to -5%	340,593	27%	249	13%	8.35	7.87	-6%	20.81	19.62	(1.19)	1.1%	1.0%	
> -5% to 0%	688,337	54%	519	15%	9.00	8.83	-2%	46.72	45.83	(0.89)	1.5%	1.5%	
> 0% to 5%	174,733	14%	826	17%	10.03	10.24	2%	82.81	84.54	1.74	2.0%	2.1%	
> 5% to 10%	31,614	2%	1,364	18%	10.82	11.65	8%	147.69	158.91	11.22	3.0%	3.3%	
> 10% to 15%	8,841	1%	2,068	24%	11.47	13.03	14%	237.30	269.42	32.12	4.7%	5.4%	
> 15% to 20%	1,294	0%	3,579	25%	11.73	13.59	16%	419.92	486.44	66.52	5.6%	6.5%	
> 20% to 25%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 25% to 30%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 30% to 35%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 35% to 40%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 40% to 45%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 45% to 50%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 50% to 55%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 55% to 60%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 60% to 65%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 65% to 70%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 70% to 75%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 75% to 80%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 80% to 85%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 85% to 90%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
> 90% to 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
Above 95%	-	0%	-	0%	-	-	0%	-	-	-	0.0%	0.0%	
Group Total	1,268,031	100%	516	15%	9.36	9.35	0%	48.32	48.28	(0.04)	1.6%	1.6%	

% impact by kWh:

Non-Care

Customers		Average		Monthly Bill			
Number	Percent	Monthly - kWh	Load Factor	Current	Proposed	Change	Percent Change
1,259,550	38%	295	12%	\$ 38.69	\$ 47.43	\$ 8.74	22.6%
13,830	0%	344	17%	\$ 45.26	\$ 56.75	\$ 11.49	25.4%
327,047	10%	416	11%	\$ 59.44	\$ 69.94	\$ 10.50	17.7%
341,326	10%	508	14%	\$ 77.85	\$ 87.55	\$ 9.70	12.5%
235,253	7%	560	13%	\$ 91.70	\$ 98.54	\$ 6.84	7.5%
273,480	8%	630	13%	\$ 111.45	\$ 114.01	\$ 2.56	2.3%
278,929	8%	714	15%	\$ 135.94	\$ 132.83	\$ (3.12)	-2.3%
272,762	8%	795	14%	\$ 167.86	\$ 154.75	\$(13.12)	-7.8%
50,097	1%	980	9%	\$ 291.26	\$ 229.44	\$(61.82)	-21.2%
232,253	7%	996	17%	\$ 233.93	\$ 204.56	\$(29.37)	-12.6%
69,022	2%	1,331	18%	\$ 351.46	\$ 291.82	\$(59.64)	-17.0%

Same as above with only bill impact

Average Monthly Usage (kWh)	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
295	\$38.69	\$47.43	\$8.74	22.6%
344	\$45.26	\$56.75	\$11.49	25.4%
416	\$59.44	\$69.94	\$10.50	17.7%
508	\$77.85	\$87.55	\$9.70	12.5%
560	\$91.70	\$98.54	\$6.84	7.5%
630	\$111.45	\$114.01	\$2.56	2.3%
714	\$135.94	\$132.83	(\$3.12)	-2.3%
795	\$167.86	\$154.75	\$(13.12)	-7.8%
980	\$291.26	\$229.44	\$(61.82)	-21.2%
996	\$233.93	\$204.56	\$(29.37)	-12.6%
1,331	\$351.46	\$291.82	\$(59.64)	-17.0%

CARE

Customers		Average		Monthly Bill			
Number	Percent	Monthly - kWh	Load Factor	Current	Proposed	Change	Percent Change
9,981	1%	35	8%	\$ 5.83	\$ 2.75	\$ (3.08)	-52.8%
5,167	0%	89	12%	\$ 8.67	\$ 7.13	\$ (1.53)	-17.7%
7,472	1%	157	6%	\$ 15.65	\$ 13.51	\$ (2.13)	-13.6%
340,593	27%	249	13%	\$ 20.81	\$ 19.62	\$ (1.19)	-5.7%
688,337	54%	519	15%	\$ 46.72	\$ 45.83	\$ (0.89)	-1.9%
174,733	14%	826	17%	\$ 82.82	\$ 84.56	\$ 1.74	2.1%
31,614	2%	1,364	18%	\$ 147.69	\$ 158.91	\$ 11.22	7.6%
8,841	1%	2,068	24%	\$ 237.30	\$ 269.42	\$ 32.12	13.5%
1,294	0%	3,579	25%	\$ 419.92	\$ 486.44	\$ 66.52	15.8%

Average Monthly Usage (kWh)	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
35	\$5.83	\$2.75	(\$3.08)	-52.8%
89	\$8.67	\$7.13	(\$1.53)	-17.7%
157	\$15.65	\$13.51	(\$2.13)	-13.6%
249	\$20.81	\$19.62	(\$1.19)	-5.7%
519	\$46.72	\$45.83	(\$0.89)	-1.9%
826	\$82.82	\$84.56	\$1.74	2.1%
1,364	\$147.69	\$158.91	\$11.22	7.6%
2,068	\$237.30	\$269.42	\$32.12	13.5%
3,579	\$419.92	\$486.44	\$66.52	15.8%

SCE - Residential OIR Rate Design and Bill Impact Analysis Model

User Define Input Table

of Tiers =>

Enter T4 or T5 Delta (cents/kWh) =>

Include SB695 90% Cap?
 T1 Increase (Over Current)
 T2 Increase (Over Current)

Sum/Basic Win/Basic Sum/All-Ele Win/All-Elec

Apply New Baseline % here => Tier-1 => 100.0%
 Tier-2 => 200.0%
 Tier 3 => 300.0%

Min Charge Non-CARE (\$/Mo.) \$
 Min Charge CARE (\$/Mo.) \$
 Customer Charge Type

Flat Customer Charge

Demand Differential Break Point (kW)

Flat customer Charge \$ / Month \$

CARE Section

CARE

	CARE	CARE-Lite
T1 Energy Care Discount	33%	10%
T2 Energy Care Discount	23%	10%
T3 Energy Care Discount	10%	10%
T4 Energy Care Discount	10%	10%
T5 Energy Care Discount	10%	10%
Fixed Charge Care Discount	20%	10%
CARE Fixed Credit - \$ /Month	\$0.0	\$0.0

CARE-Lite Break Point by Income

TOU Summer On-Peak Surcharge - (\$/kWh)

RevenueNeutralCheck=0 (yes)

[CLICK HERE TO CALCULATE](#)

Estimated Residential Rate Calculated based on Inputs

Non-CARE	Tier	Forecast		Pre-Crisis	2012 GRC	3-Tiers	Select
		Sales (GWh)	% of Sales				2001 Rate
	1	10,057	52%	12.0	13.0	15.8	
	2	5,462	28%	14.2	16.0	21.0	1.33
	3	2,172	11%	14.2	27.1	25.8	1.63
	4	653	3%	14.2	31.1	25.8	
	5	936	5%	14.2	31.1	25.8	

Flat customer Charge \$ / Month: 1.00 0.88 0.00

Min Charge \$/Mo.: 0.00 0.00 0.00

TOU On-Peak Surcharge - (\$/kWh): 0.00000
 TOU Off-Peak Credit - (\$/kWh): 0.00000

CARE	Tier	Sales (GWh)	% of Sales	Pre-Crisis	2001 Rate	Rate	CARE
	1	4,781	60%	10.1	8.5	9.8	
	2	2,118	27%	12.0	10.7	15.3	
	3	677	9%	12.0	20.7	22.1	
	4	182	2%	12.0	20.7	22.1	
	5	153	2%	12.0	20.7	22.1	

Flat customer Charge \$ / Month: 0.85 0.70 0.00

Min Charge \$/Mo.: 0.00
 CARE Fixed Credit - \$ /Month: \$0.00
 TOU On-Peak Surcharge - (\$/kWh): 0.00000
 TOU Off-Peak Credit - (\$/kWh): 0.00000



[CLICK HERE FOR HELP](#)



Edison S1

Non-CARE: 15.8-21.0-25.8;

CARE: 9.8-15.3-22.1 (33-23-10)

Effective CARE Discount of 38 -27-18 (corresponding to CARE rates: 9.8-15.3-22.1)

[1]Bill impacts by usage bin (kWh).

Non-CARE

Average Monthly Usage	Number	% Customer	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
LE 100	73,753	2.6%	\$8.55	\$9.31	\$0.76	8.9%
100-300	590,618	20.6%	\$29.61	\$34.81	\$5.20	17.6%
300-500	766,658	26.7%	\$59.65	\$67.75	\$8.10	13.6%
500-700	633,668	22.1%	\$105.55	\$109.10	\$3.55	3.4%
700-900	355,765	12.4%	\$162.17	\$156.45	(\$5.72)	-3.5%
900-1100	197,266	6.9%	\$214.22	\$201.06	(\$13.16)	-6.1%
1100-1300	102,829	3.6%	\$275.48	\$251.90	(\$23.58)	-8.6%
1300-1500	65,555	2.3%	\$332.72	\$299.97	(\$32.75)	-9.8%
GE 1500	79,956	2.8%	\$567.17	\$494.91	(\$72.26)	-12.7%

CARE

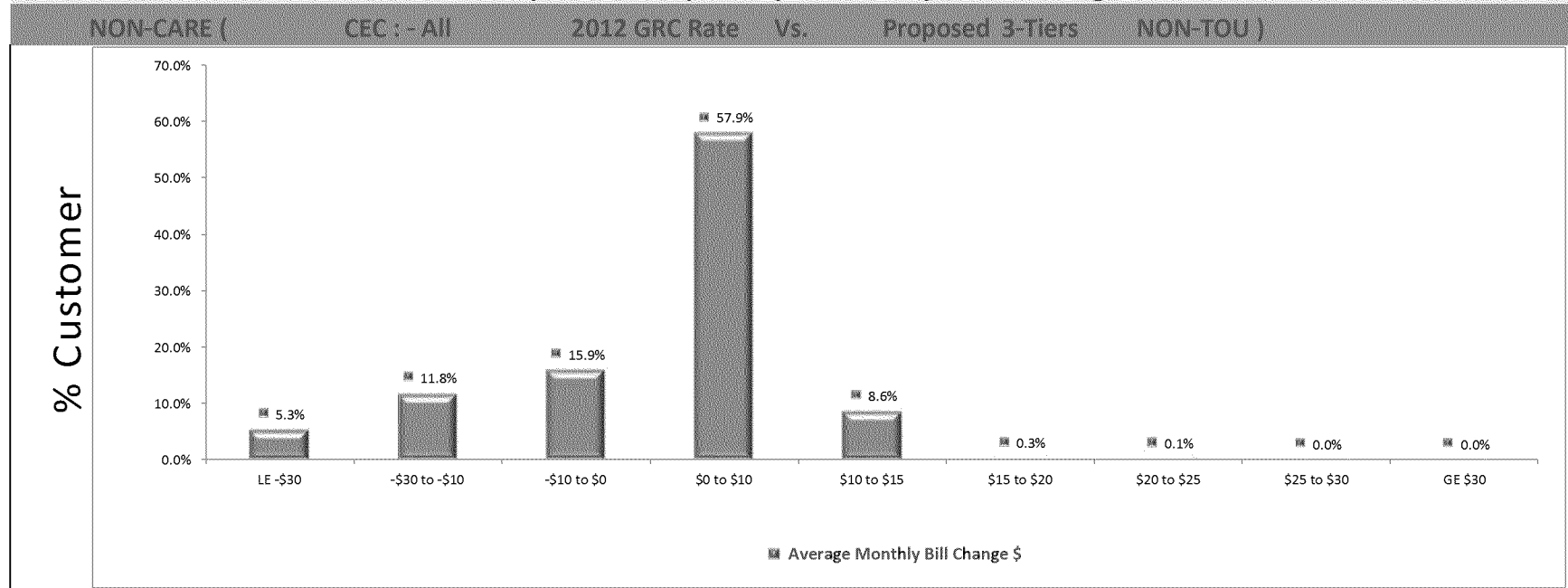
Average Monthly Usage	Number	% Customer	Current Total	Proposed Non-Tou	Proposed Non-TOU minus Current	Percent Difference (Proposed Non-TOU relative to Current)
LE 100	31,468	2.3%	\$7.10	\$7.33	\$0.23	3.2%
100-300	364,924	26.4%	\$19.70	\$21.75	\$2.05	10.4%
300-500	423,635	30.7%	\$38.71	\$42.62	\$3.91	10.1%
500-700	266,230	19.3%	\$69.68	\$71.63	\$1.95	2.8%
700-900	111,418	8.1%	\$107.40	\$107.55	\$0.15	0.1%
900-1100	92,926	6.7%	\$142.85	\$143.63	\$0.78	0.5%
1100-1300	50,582	3.7%	\$187.03	\$188.99	\$1.96	1.0%
1300-1500	19,129	1.4%	\$234.19	\$238.94	\$4.76	2.0%
GE 1500	20,744	1.5%	\$278.81	\$283.35	\$4.54	1.6%

Summary Data

Rate Design Measures	Current Rate Levels	Proposed	Proposed
		Rate Levels Non-TOU	Rate Levels TOU
Total Estimated CARE Def. Rev. (\$M) = >	\$ 353	\$ 357	\$ 377
Residential CARE Subsidy (\$M) =>	\$ 88	\$ 89	\$ 94
Non Res. Estimated CARE Subsidy (\$M) =>	\$ 265	\$ 268	\$ 283
Effective CARE Discount % = >	27%	26%	26%
% of Rev. Req. met by Fixed Charges =>	1%	0%	4%
Sum of Absolute Value Deviations from Cost	35.4%	28.7%	24.6%
Change in Usage Due to Elasticity		-121.1 GWh	-507.8 GWh
Ratio of D in kWh to Total kWh		-0.45%	-1.87%

Non-CARE

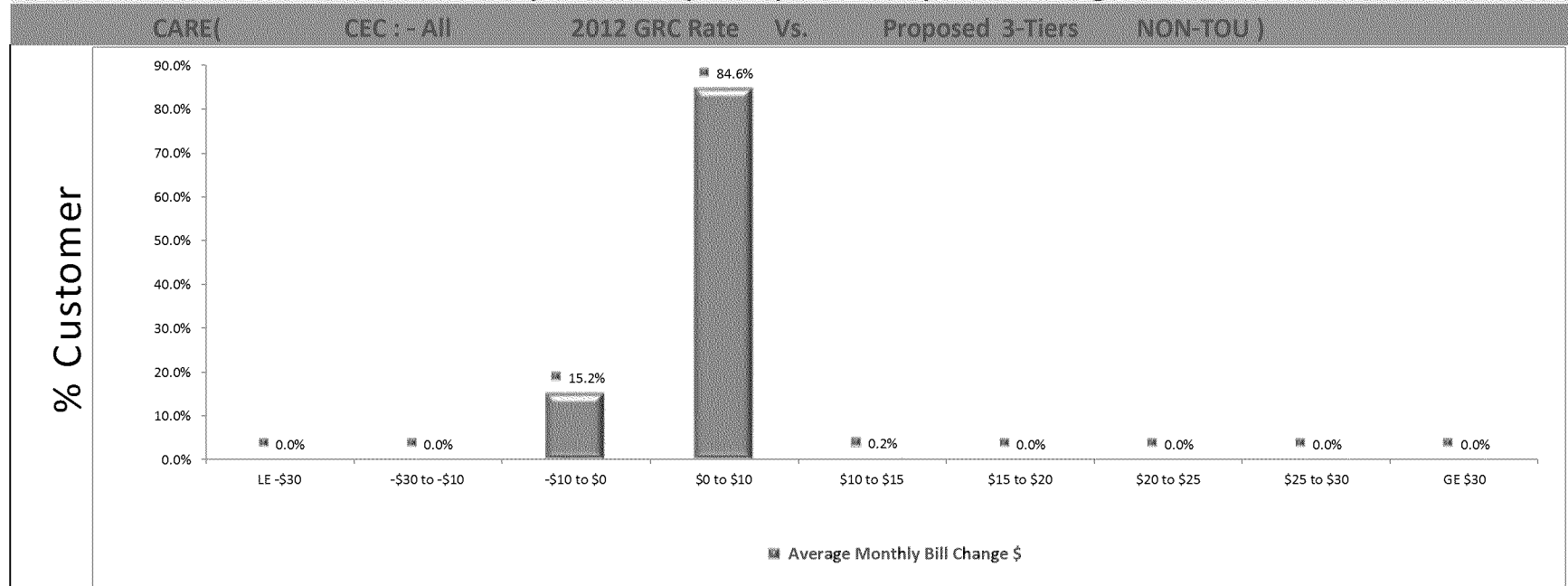
Bill Impact Analysis by Monthly Bill Change \$



Average Monthly Bill Change \$	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average	
	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor	% On Peak		2012 GRC Rate	Proposed		2012 GRC Rate	Proposed		Monthly \$ Change	Current Annual Bill as a % of Income
LE -\$30	152,953	5.3%	6.7%	0.7%	1,756	20.2%	7.3%	44	25.9	22.7	-12.2%	\$454.52	\$399.14	-\$55.38	3.8%	3.3%
-\$30 to -\$10	338,009	11.8%	14.7%	2.0%	1,002	18.2%	7.6%	16	22.5	20.8	-7.7%	\$225.40	\$208.07	-\$17.33	2.1%	1.9%
-\$10 to \$0	456,292	15.9%	19.0%	5.4%	704	14.8%	7.1%	4	19.9	19.3	-2.9%	\$140.28	\$136.21	-\$4.07	1.6%	1.5%
\$0 to \$10	1,660,679	57.9%	50.9%	81.8%	382	11.7%	6.5%	(8)	15.8	17.3	9.7%	\$60.31	\$66.15	\$5.84	0.8%	0.9%
\$10 to \$15	246,858	8.6%	8.4%	9.3%	480	12.5%	6.5%	(16)	14.5	16.9	16.1%	\$69.79	\$81.03	\$11.24	1.0%	1.2%
\$15 to \$20	7,884	0.3%	0.2%	0.7%	706	13.0%	6.0%	(23)	14.5	16.8	16.4%	\$102.09	\$118.81	\$16.73	1.6%	1.8%
\$20 to \$25	3,393	0.1%	0.2%	0.0%	894	17.5%	7.1%	(31)	14.2	16.8	18.2%	\$126.94	\$149.99	\$23.04	1.2%	1.4%
\$25 to \$30	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
GE \$30	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
Group Total	2,866,068	100.0%	100.0%	100.0%	589	13.6%	6.9%	(0.8)	19.4	19.2	-1.1%	\$114.52	\$113.31	-\$1.22	1.4%	1.4%

CARE

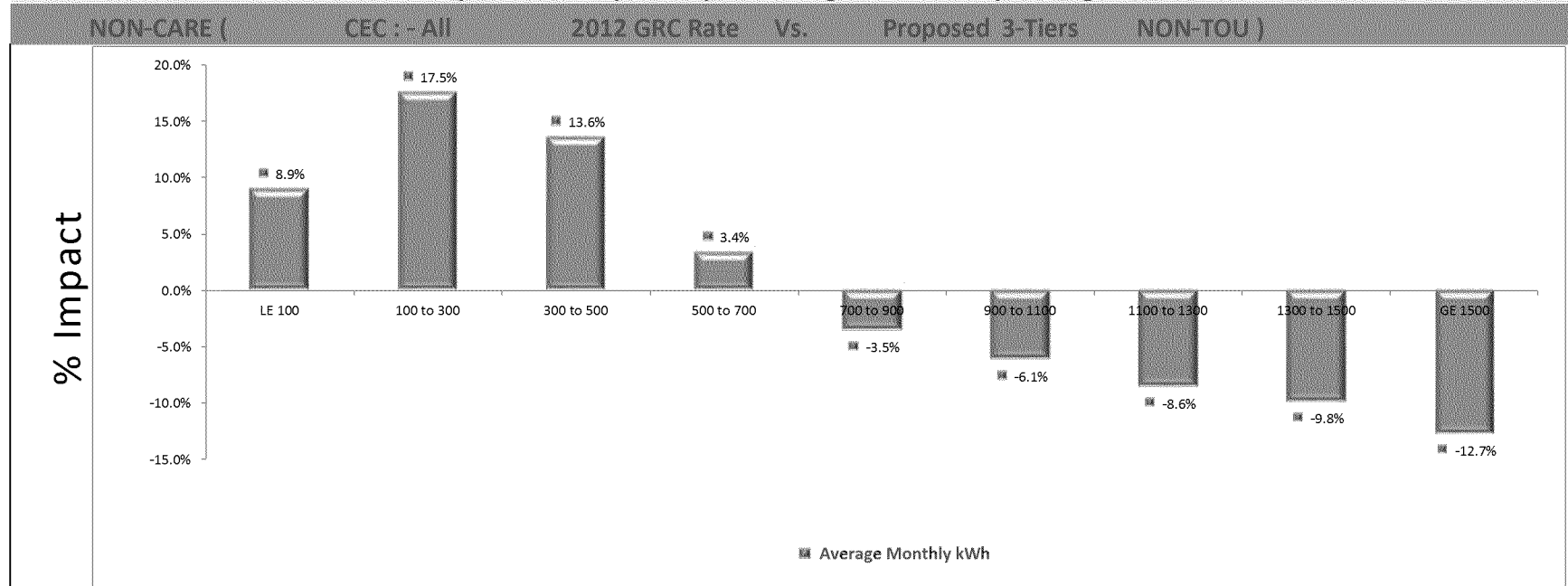
Bill Impact Analysis by Monthly Bill Change \$



Average Monthly Bill Change \$	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average			
	%	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor		% On Peak	2012 GRC Rate		Proposed	Change	2012 GRC Rate	Proposed	Monthly \$ Change	Current Annual Bill as a % of Income
LE -\$30	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
-\$30 to -\$10	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
-\$10 to \$0	209,880	209,880	15.2%	20.9%	4.2%	784	18.4%	8.1%	2	14.2	14.0	-1.4%	\$111.16	\$109.66	-\$1.50	1.8%	1.7%
\$0 to \$10	1,168,789	1,168,789	84.6%	79.1%	95.3%	461	14.8%	8.0%	(7)	11.8	12.5	5.6%	\$54.50	\$57.55	\$3.04	1.1%	1.1%
\$10 to \$15	2,387	2,387	0.2%	0.0%	0.5%	1,699	23.4%	6.2%	(17)	17.2	17.9	4.2%	\$292.34	\$304.63	\$12.29	5.6%	5.8%
\$15 to \$20	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
\$20 to \$25	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
\$25 to \$30	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
GE \$30	0	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
Group Total	1,381,056	1,381,056	100.0%	100.0%	100.0%	509	15.3%	8.0%	(5.7)	12.4	12.8	3.8%	\$62.92	\$65.31	\$2.40	1.2%	1.2%

Non-Care

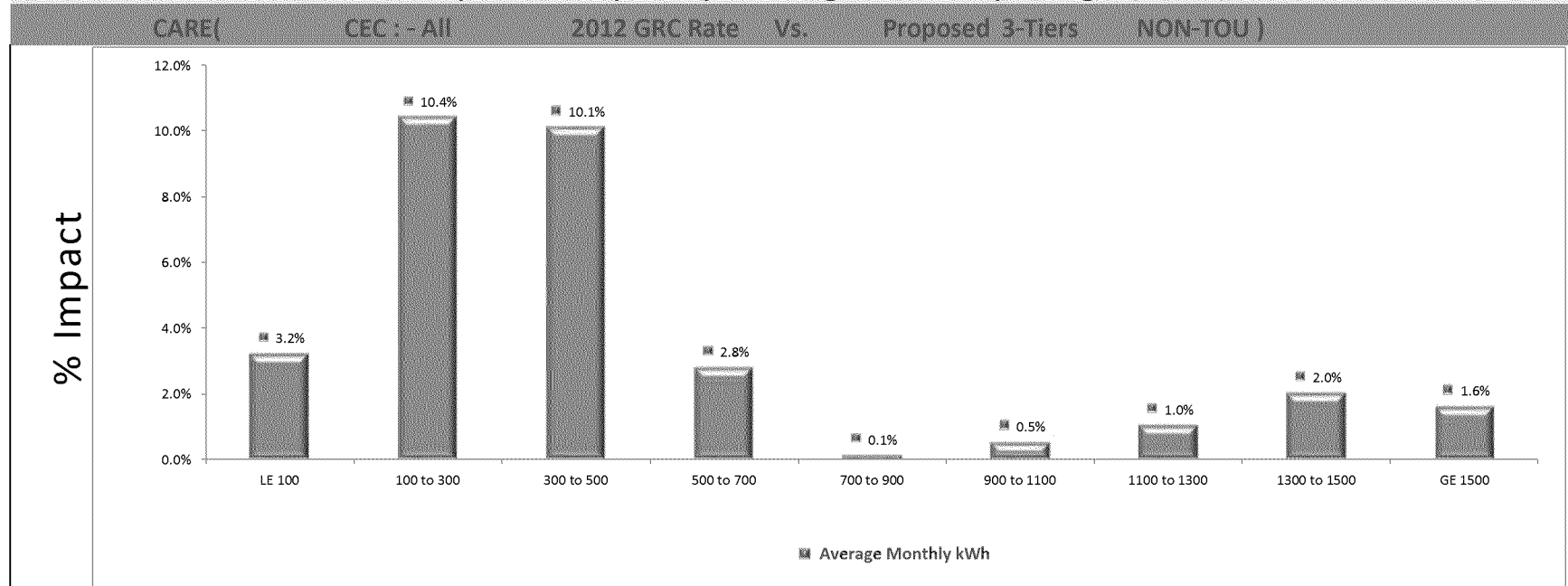
Bill impact Analysis by Average Monthly Usage (KWh)



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average		
	%	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor		% On Peak	2012 GRC Rate		Proposed	2012 GRC Rate		Proposed	Monthly \$ Change	Current Annual Bill as a % of Income
LE 100		73,753	2.6%	1.7%	5.6%	59	6.4%	4.7%	(1)	14.5	15.8	8.9%	\$8.55	\$9.31	\$0.76	0.1%	0.1%
100 to 300		590,618	20.6%	13.6%	44.5%	218	9.6%	5.3%	(7)	13.6	16.0	17.5%	\$29.61	\$34.81	\$5.19	0.5%	0.5%
300 to 500		766,658	26.7%	25.6%	30.7%	398	12.1%	6.1%	(11)	15.0	17.0	13.6%	\$59.65	\$67.75	\$8.11	0.8%	0.9%
500 to 700		633,668	22.1%	24.9%	12.7%	596	14.3%	6.8%	(6)	17.7	18.3	3.4%	\$105.55	\$109.10	\$3.55	1.2%	1.2%
700 to 900		355,765	12.4%	15.0%	3.5%	799	15.9%	7.2%	2	20.3	19.6	-3.5%	\$162.17	\$156.45	-\$5.73	1.7%	1.7%
900 to 1100		197,266	6.9%	8.5%	1.4%	988	16.4%	8.0%	9	21.7	20.3	-6.1%	\$214.22	\$201.06	-\$13.16	2.1%	2.0%
1100 to 1300		102,829	3.6%	4.4%	0.7%	1,191	18.2%	8.0%	17	23.1	21.2	-8.6%	\$275.48	\$251.90	-\$23.57	2.9%	2.6%
1300 to 1500		65,555	2.3%	2.8%	0.6%	1,382	20.1%	7.0%	23	24.1	21.7	-9.8%	\$332.72	\$299.97	-\$32.75	3.1%	2.8%
GE 1500		79,956	2.8%	3.5%	0.2%	2,149	20.7%	7.5%	49	26.4	23.0	-12.7%	\$567.17	\$494.91	-\$72.26	4.7%	4.1%
Group Total		2,866,068	100.0%	100.0%	100.0%	589	13.6%	6.9%	(0.8)	19.4	19.2	-1.1%	\$114.52	\$113.31	-\$1.22	1.4%	1.4%

CARE

Bill impact Analysis by Average Monthly Usage (KWh)

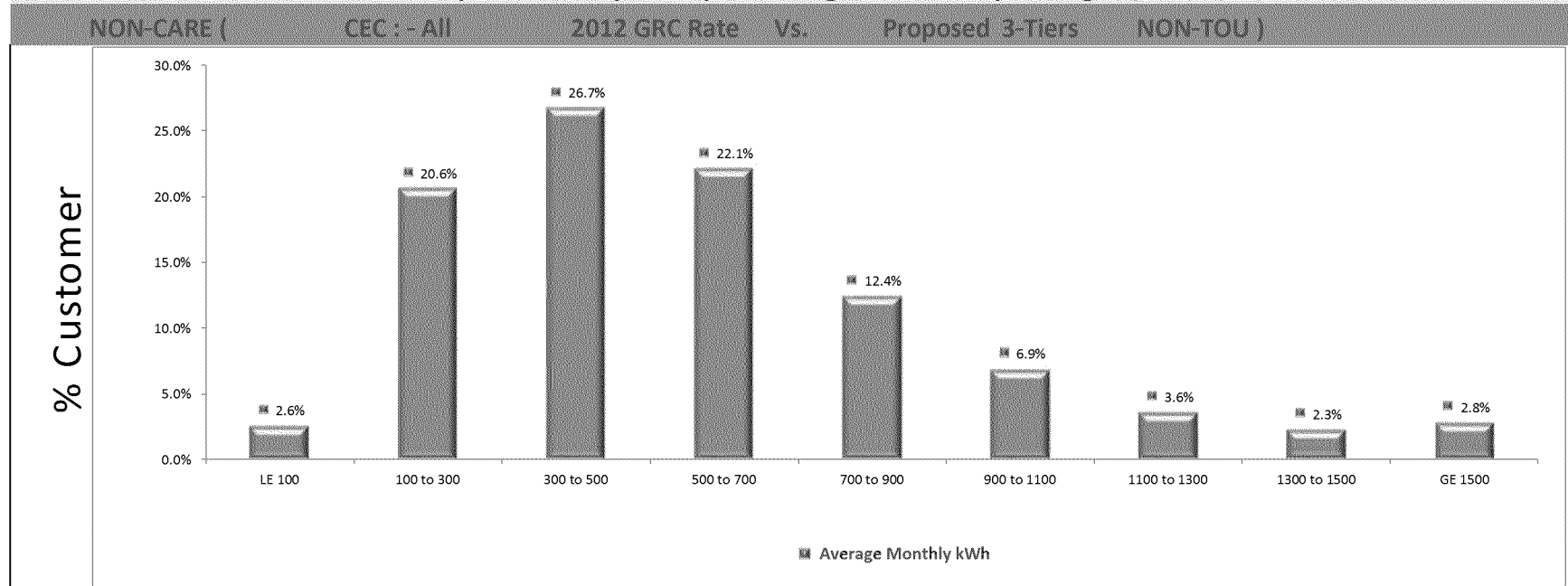


Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average		
	%	Number	% Customer	% Single	% Multi	Monthly - kWh	Annual Load Factor		% On Peak	Average Monthly Δ kWh		2012 GRC Rate	Proposed		Change	2012 GRC Rate	Proposed
LE 100	3.2%	31,468	2.3%	1.5%	3.7%	75	8.8%	5.9%	(0)	9.5	9.8	3.2%	\$7.10	\$7.33	\$0.23	0.2%	0.2%
100 to 300	10.4%	364,924	26.4%	18.1%	42.5%	218	12.0%	6.9%	(5)	9.0	10.0	10.4%	\$19.70	\$21.75	\$2.05	0.4%	0.5%
300 to 500	10.1%	423,635	30.7%	30.0%	31.9%	389	14.6%	7.7%	(8)	9.9	10.9	10.1%	\$38.71	\$42.62	\$3.91	0.8%	0.8%
500 to 700	2.8%	266,230	19.3%	21.6%	14.7%	584	16.1%	7.6%	(6)	11.9	12.3	2.8%	\$69.68	\$71.63	\$1.95	1.1%	1.2%
700 to 900	0.1%	111,418	8.1%	10.3%	3.8%	793	17.2%	9.0%	(4)	13.5	13.6	0.1%	\$107.40	\$107.55	\$0.15	1.8%	1.8%
900 to 1100	0.5%	92,926	6.7%	9.5%	1.4%	987	18.5%	9.6%	(4)	14.5	14.5	0.5%	\$142.85	\$143.63	\$0.78	2.3%	2.3%
1100 to 1300	1.0%	50,582	3.7%	5.0%	1.0%	1,200	20.8%	8.4%	(4)	15.6	15.8	1.0%	\$187.03	\$188.99	\$1.96	3.0%	3.1%
1300 to 1500	2.0%	19,129	1.4%	2.0%	0.2%	1,401	21.2%	8.3%	(5)	16.7	17.1	2.0%	\$234.19	\$238.94	\$4.76	4.3%	4.4%
GE 1500	1.6%	20,744	1.5%	2.0%	0.6%	1,714	24.7%	5.9%	(6)	16.3	16.5	1.6%	\$278.81	\$283.35	\$4.54	4.3%	4.4%
Group Total	3.8%	1,381,056	100.0%	100.0%	100.0%	509	15.3%	8.0%	(5.7)	12.4	12.8	3.8%	\$62.92	\$65.31	\$2.40	1.2%	1.2%

% customers by kWh bins: (This is not a bill impact, but rather just a description of what percentage of customers are using kWhs by bins.)

Non-CARE

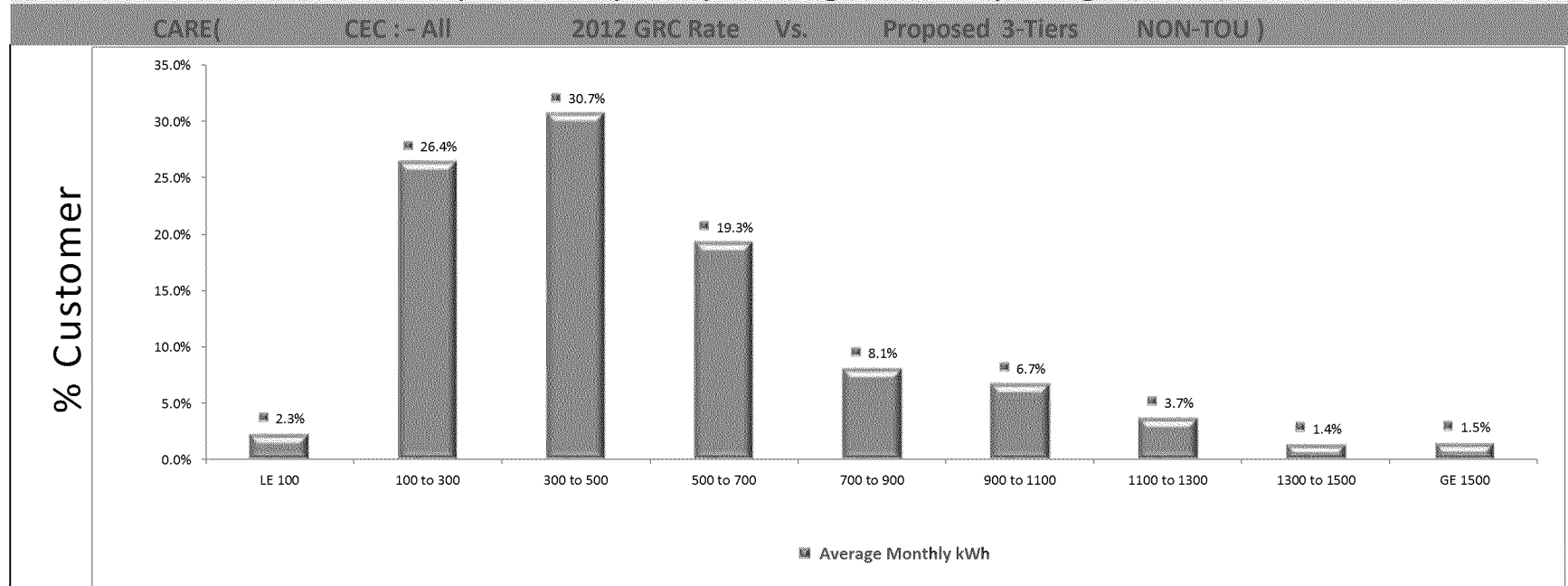
Bill impact Analysis by Average Monthly Usage (KWh)



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average	
	%	Number	% Single	% Multi	Monthly kWh	Annual Load Factor	% On Peak		2012 GRC Rate	Proposed		2012 GRC Rate	Proposed		Monthly \$ Change	Current Annual Bill as a % of Income
LE 100	2.6%	73,753	1.7%	5.6%	59	6.4%	4.7%	(1)	14.5	15.8	8.9%	\$8.55	\$9.31	\$0.76	0.1%	0.1%
100 to 300	20.6%	590,618	13.6%	44.5%	218	9.6%	5.3%	(7)	13.6	16.0	17.5%	\$29.61	\$34.81	\$5.19	0.5%	0.5%
300 to 500	26.7%	766,658	25.6%	30.7%	398	12.1%	6.1%	(11)	15.0	17.0	13.6%	\$59.65	\$67.75	\$8.11	0.8%	0.9%
500 to 700	22.1%	633,668	24.9%	12.7%	596	14.3%	6.8%	(6)	17.7	18.3	3.4%	\$105.55	\$109.10	\$3.55	1.2%	1.2%
700 to 900	12.4%	355,765	15.0%	3.5%	799	15.9%	7.2%	2	20.3	19.6	-3.5%	\$162.17	\$156.45	-\$5.73	1.7%	1.7%
900 to 1100	6.9%	197,266	8.5%	1.4%	988	16.4%	8.0%	9	21.7	20.3	-6.1%	\$214.22	\$201.06	-\$13.16	2.1%	2.0%
1100 to 1300	3.6%	102,829	4.4%	0.7%	1,191	18.2%	8.0%	17	23.1	21.2	-8.6%	\$275.48	\$251.90	-\$23.57	2.9%	2.6%
1300 to 1500	2.3%	65,555	2.8%	0.6%	1,382	20.1%	7.0%	23	24.1	21.7	-9.8%	\$332.72	\$299.97	-\$32.75	3.1%	2.8%
GE 1500	2.8%	79,956	3.5%	0.2%	2,149	20.7%	7.5%	49	26.4	23.0	-12.7%	\$567.17	\$494.91	-\$72.26	4.7%	4.1%
Group Total	100.0%	2,866,068	100.0%	100.0%	589	13.6%	6.9%	(0.8)	19.4	19.2	-1.1%	\$114.52	\$113.31	-\$1.22	1.4%	1.4%

CARE

Bill impact Analysis by Average Monthly Usage (KWh)



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh			Monthly \$			Average		
	%	Number	% Customer	% Single	% Multi	Monthly - kWh	Annual Load Factor		% On Peak	Average Monthly kWh	2012 GRC Rate	Proposed	Change	2012 GRC Rate	Proposed	Monthly \$ Change	Current Annual Bill as a % of Income
LE 100		31,468	2.3%	1.5%	3.7%	75	8.8%	5.9%	(0)	9.5	9.8	3.2%	\$7.10	\$7.33	\$0.23	0.2%	0.2%
100 to 300		364,924	26.4%	18.1%	42.5%	218	12.0%	6.9%	(5)	9.0	10.0	10.4%	\$19.70	\$21.75	\$2.05	0.4%	0.5%
300 to 500		423,635	30.7%	30.0%	31.9%	389	14.6%	7.7%	(8)	9.9	10.9	10.1%	\$38.71	\$42.62	\$3.91	0.8%	0.8%
500 to 700		266,230	19.3%	21.6%	14.7%	584	16.1%	7.6%	(6)	11.9	12.3	2.8%	\$69.68	\$71.63	\$1.95	1.1%	1.2%
700 to 900		111,418	8.1%	10.3%	3.8%	793	17.2%	9.0%	(4)	13.5	13.6	0.1%	\$107.40	\$107.55	\$0.15	1.8%	1.8%
900 to 1100		92,926	6.7%	9.5%	1.4%	987	18.5%	9.6%	(4)	14.5	14.5	0.5%	\$142.85	\$143.63	\$0.78	2.3%	2.3%
1100 to 1300		50,582	3.7%	5.0%	1.0%	1,200	20.8%	8.4%	(4)	15.6	15.8	1.0%	\$187.03	\$188.99	\$1.96	3.0%	3.1%
1300 to 1500		19,129	1.4%	2.0%	0.2%	1,401	21.2%	8.3%	(5)	16.7	17.1	2.0%	\$234.19	\$238.94	\$4.76	4.3%	4.4%
GE 1500		20,744	1.5%	2.0%	0.6%	1,714	24.7%	5.9%	(6)	16.3	16.5	1.6%	\$278.81	\$283.35	\$4.54	4.3%	4.4%
Group Total		1,381,056	100.0%	100.0%	100.0%	509	15.3%	8.0%	(5.7)	12.4	12.8	3.8%	\$62.92	\$65.31	\$2.40	1.2%	1.2%

SCE - Residential OIR Rate Design and Bill Impact Analysis Model

User Define Input Table

of Tiers =>

Enter T4 or T5 Delta (cents/kWh) =>

Include SB695 90% Cap?
 T1 Increase (Over Current)
 T2 Increase (Over Current)

Sum/Basic Win/Basic Sum/All-Ele Win/All-Elec

Apply New Baseline % here => Tier-1 => 100.0%
 Tier-2 => 200.0%
 Tier 3 => 300.0%

Min Charge Non-CARE (\$/Mo.) \$
 Min Charge CARE (\$/Mo.) \$
 Customer Charge Type

Demand Differential Break Point (kW)

Flat customer Charge \$ / Month \$

CARE Section

CARE

	CARE	CARE-Lite
T1 Energy Care Discount	45%	10%
T2 Energy Care Discount	25%	10%
T3 Energy Care Discount	5%	10%
T4 Energy Care Discount	5%	10%
T5 Energy Care Discount	5%	10%
Fixed Charge Care Discount	20%	10%
CARE Fixed Credit - \$ /Month	\$0.0	\$0.0

CARE-Lite Break Point by Income
 >=\$25K
 >=\$35K
 >=\$50K
 >=\$75K

TOU Summer On-Peak Surcharge - (\$/kWh)

RevenueNeutralCheck=0 (yes)

[CLICK HERE TO CALCULATE](#)

Estimated Residential Rate Calculated based on Inputs

Non-CARE	Tier	Forecast Sales (GWh)	% of Sales	Pre-Crisis 2001 Rate	2012 GRC Rate	3-Tiers Rate	Select Ratio Here
							3-Tiers
	1	10,057	52%	12.0	13.0	16.1	
	2	5,462	28%	14.2	16.0	21.4	1.33
	3	2,172	11%	14.2	27.1	26.2	1.63
	4	653	3%	14.2	31.1	26.2	
	5	936	5%	14.2	31.1	26.2	

Flat customer Charge \$ / Month 1.00 0.88 0.00
 Min Charge \$/Mo. 0.00 0.00

TOU On-Peak Surcharge - (\$/kWh) 0.00000
 TOU Off-Peak Credit - (\$/kWh) 0.00000

CARE	Tier	Sales (GWh)	% of Sales	Pre-Crisis 2001 Rate	Rate	CARE Rate
	1	4,781	60%	10.1	8.5	8.1
	2	2,118	27%	12.0	10.7	15.1
	3	677	9%	12.0	20.7	23.7
	4	182	2%	12.0	20.7	23.7
	5	153	2%	12.0	20.7	23.7

Flat customer Charge \$ / Month 0.85 0.70 0.00
 Min Charge \$/Mo. 0.00 0.00

CARE Fixed Credit - \$ /Month 0.00
 TOU On-Peak Surcharge - (\$/kWh) 0.00000
 TOU Off-Peak Credit - (\$/kWh) 0.00000



[CLICK HERE FOR HELP](#)



EDISON S2

Non-Care Rates: 16.1 21.4 26.2

CARE rates: 8.1 15.1 23.7

Effective" CARE Disc: 50-30-10 (actual CARE Disc 45 -25-5)

Bill impacts by usage bin (kWh).

Non-CARE

Average Monthly Usage	Number	% Customer	Current Total Bill	Proposed Non-TOU Bill	Proposed Non-TOU minus Current	Percent Difference (Proposed vs. Current)
LE 100	73,753	2.6%	\$8.55	\$9.48	\$0.93	10.9%
100-300	590,618	20.6%	\$29.61	\$35.44	\$5.83	19.7%
300-500	766,658	26.7%	\$59.65	\$68.99	\$9.34	15.7%
500-700	633,668	22.1%	\$105.55	\$111.09	\$5.54	5.2%
700-900	355,765	12.4%	\$162.17	\$159.29	(\$2.88)	-1.8%
900-1100	197,266	6.9%	\$214.22	\$204.71	(\$9.51)	-4.4%
1100-1300	102,829	3.6%	\$275.48	\$256.48	(\$19.00)	-6.9%
1300-1500	65,555	2.3%	\$332.72	\$305.43	(\$27.29)	-8.2%
GE 1500	79,956	2.8%	\$567.17	\$503.91	(\$63.26)	-11.2%

CARE

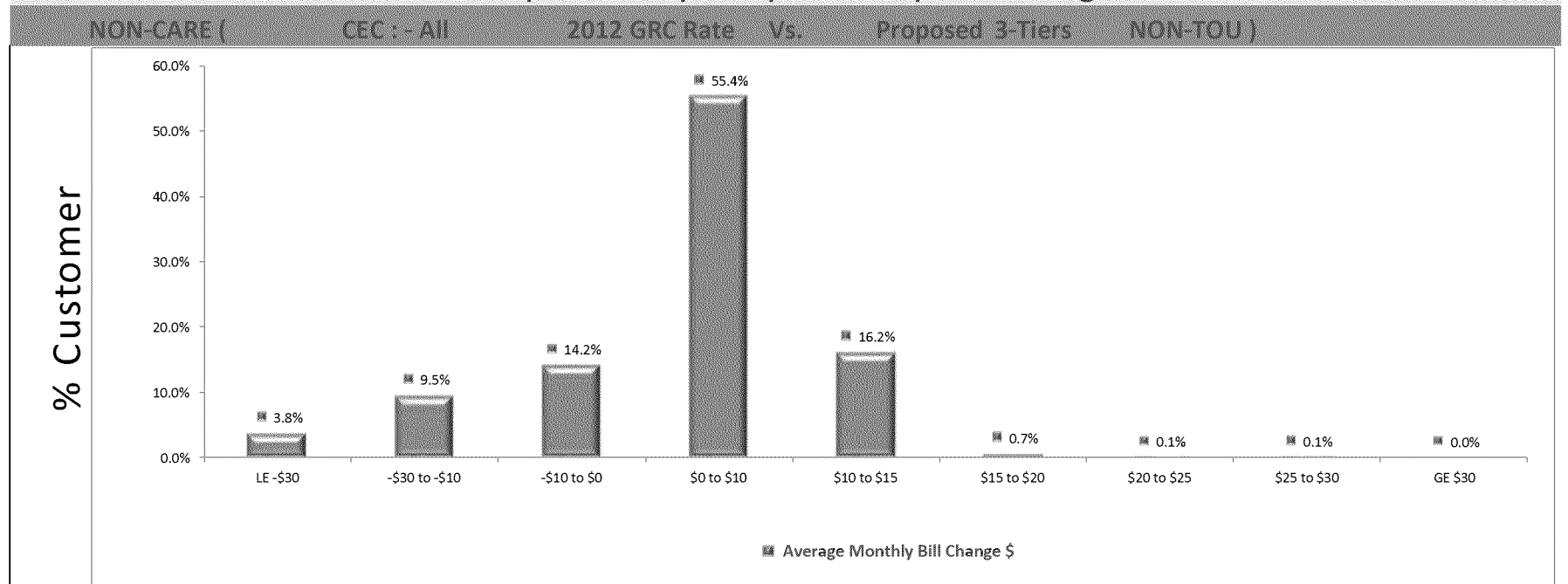
Average Monthly Usage	Number	% Customer	Current Total Bill	Proposed Non-TOU Bill	Proposed Non-TOU minus Current	Percent Difference (Proposed vs. Current)
LE 100	75	8.8%	\$8.55	\$6.09	(\$2.46)	-28.8%
100-300	218	12.0%	\$29.61	\$18.25	(\$11.36)	-38.4%
300-500	389	14.6%	\$59.65	\$37.36	(\$22.29)	-37.4%
500-700	584	16.1%	\$105.55	\$65.79	(\$39.76)	-37.7%
700-900	793	17.2%	\$162.17	\$102.34	(\$59.83)	-36.9%
900-1100	987	18.5%	\$214.22	\$139.66	(\$74.56)	-34.8%
1100-1300	1,200	20.8%	\$275.48	\$187.94	(\$87.54)	-31.8%
1300-1500	1,401	21.2%	\$332.72	\$242.46	(\$90.26)	-27.1%
GE 1500	1,714	24.7%	\$567.17	\$285.35	(\$281.82)	-49.7%

Summary Data

Rate Design Measures	Current Rate Levels	Proposed	Proposed
		Rate Levels Non-TOU	Rate Levels TOU
Total Estimated CARE Def. Rev. (\$M) = >	\$ 353	\$ 442	\$ 457
Residential CARE Subsidy (\$M) =>	\$ 88	\$ 110	\$ 114
Non Res. Estimated CARE Subsidy (\$M) =>	\$ 265	\$ 332	\$ 343
Effective CARE Discount % = >	27%	32%	32%
% of Rev. Req. met by Fixed Charges = >	1%	0%	4%
Sum of Absolute Value Deviations from Cost	35.4%	30.7%	22.0%
Change in Usage Due to Elasticity		-60.3 GWh	-274.4 GWh
Ratio of D in kWh to Total kWh		-0.22%	-1.01%

Non-CARE

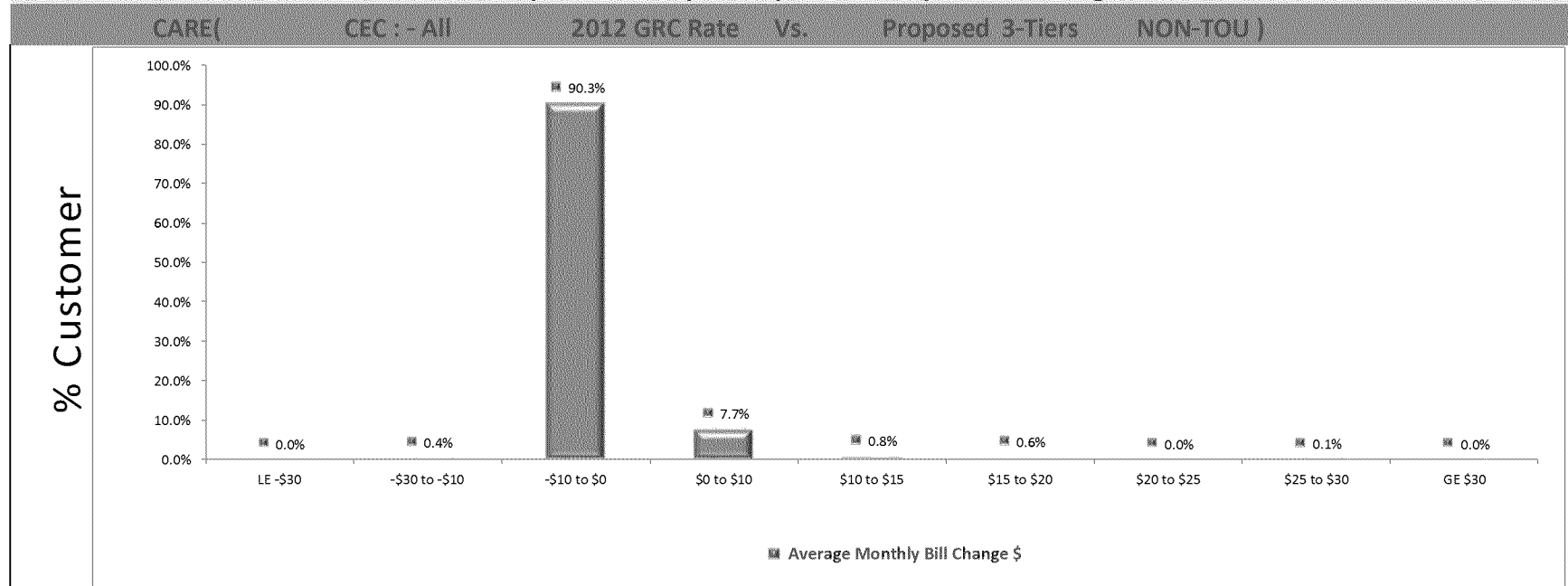
Bill Impact Analysis by Monthly Bill Change \$



Average Monthly Bill Change \$	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average	
	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor	% On Peak		2012 GRC Rate	Proposed		2012 GRC Rate	Proposed		Monthly \$ Change	Current Annual Bill as a % of Income
LE -\$30	109,090	3.8%	4.8%	0.4%	1,931	21.3%	7.3%	44	26.3	23.4	-11.1%	\$507.83	\$451.64	-\$56.19	4.3%	3.8%
-\$30 to -\$10	273,474	9.5%	11.9%	1.4%	1,091	18.4%	7.6%	15	23.1	21.5	-7.0%	\$252.64	\$234.90	-\$17.74	2.3%	2.1%
-\$10 to \$0	406,910	14.2%	17.0%	4.7%	766	15.3%	7.1%	4	20.7	20.1	-2.9%	\$158.76	\$154.23	-\$4.53	1.6%	1.5%
\$0 to \$10	1,588,727	55.4%	49.5%	75.7%	402	11.8%	6.6%	(8)	16.5	18.0	8.9%	\$66.26	\$72.15	\$5.89	0.9%	1.0%
\$10 to \$15	463,650	16.2%	16.1%	16.4%	456	12.7%	6.4%	(16)	14.8	17.3	17.3%	\$67.25	\$78.87	\$11.62	0.9%	1.1%
\$15 to \$20	18,841	0.7%	0.5%	1.1%	779	13.3%	6.8%	(23)	15.4	17.6	14.1%	\$120.14	\$137.03	\$16.90	2.0%	2.3%
\$20 to \$25	2,195	0.1%	0.0%	0.3%	775	15.2%	4.7%	(29)	14.3	17.1	19.3%	\$110.96	\$132.37	\$21.42	1.7%	2.0%
\$25 to \$30	3,180	0.1%	0.1%	0.0%	905	19.5%	7.1%	(37)	14.2	17.1	20.2%	\$128.52	\$154.51	\$25.99	1.1%	1.3%
GE \$30	0	0.0%	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
Group Total	2,866,068	100.0%	100.0%	100.0%	589	13.6%	6.9%	(3.1)	19.4	19.6	0.7%	\$114.52	\$115.37	\$0.84	1.4%	1.4%

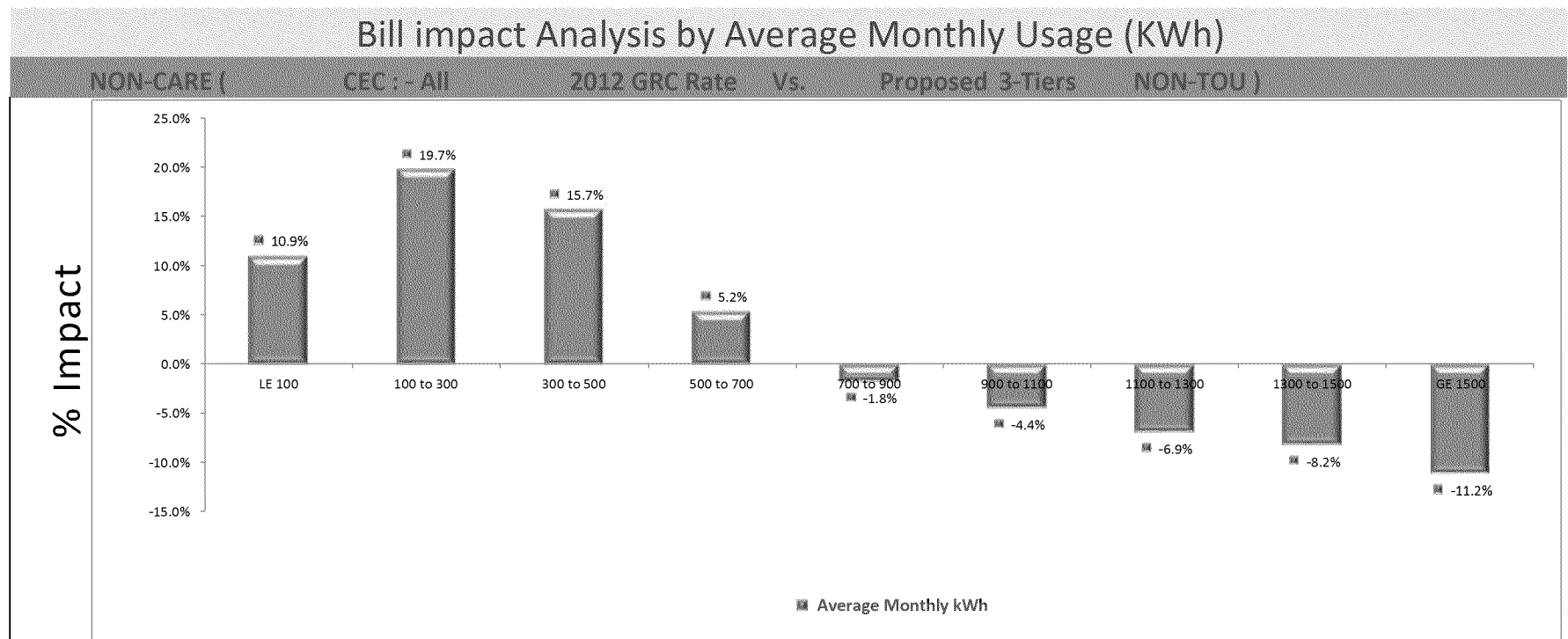
CARE

Bill Impact Analysis by Monthly Bill Change \$



Average Monthly Bill Change \$	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average	
	%	Number	% Single	% Multi	Monthly kWh	Annual Load Factor	% On Peak		2012 GRC Rate	Proposed		2012 GRC Rate	Proposed		Monthly \$ Change	Current Annual Bill as a % of Income
LE -\$30	0.0%	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
-\$30 to -\$10	0.4%	6,128	0.6%	0.1%	1,429	18.7%	4.2%	17	13.6	12.6	-7.0%	\$193.68	\$180.16	-\$13.52	2.0%	1.9%
-\$10 to \$0	90.3%	1,247,752	88.6%	93.7%	458	14.6%	8.1%	4	11.7	11.2	-4.7%	\$53.57	\$51.06	-\$2.51	1.0%	1.0%
\$0 to \$10	7.7%	106,383	8.8%	5.5%	857	19.8%	8.2%	(3)	14.6	14.9	1.8%	\$125.36	\$127.61	\$2.24	2.1%	2.1%
\$10 to \$15	0.8%	11,150	1.2%	0.1%	1,542	24.0%	6.7%	(15)	17.2	18.0	4.8%	\$265.45	\$278.12	\$12.67	3.8%	4.0%
\$15 to \$20	0.6%	7,688	0.7%	0.2%	1,604	25.2%	5.2%	(20)	17.7	18.8	6.3%	\$284.27	\$302.31	\$18.04	6.7%	7.1%
\$20 to \$25	0.0%	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
\$25 to \$30	0.1%	1,956	0.0%	0.4%	1,974	34.5%	6.0%	(29)	18.1	19.5	7.5%	\$358.11	\$385.11	\$27.00	6.7%	7.2%
GE \$30	0.0%	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0	0.0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	0.0%
Group Total	100.0%	1,381,056	100.0%	100.0%	509	15.3%	8.0%	3.4	12.4	12.0	-3.1%	\$62.92	\$60.98	-\$1.94	1.2%	1.1%

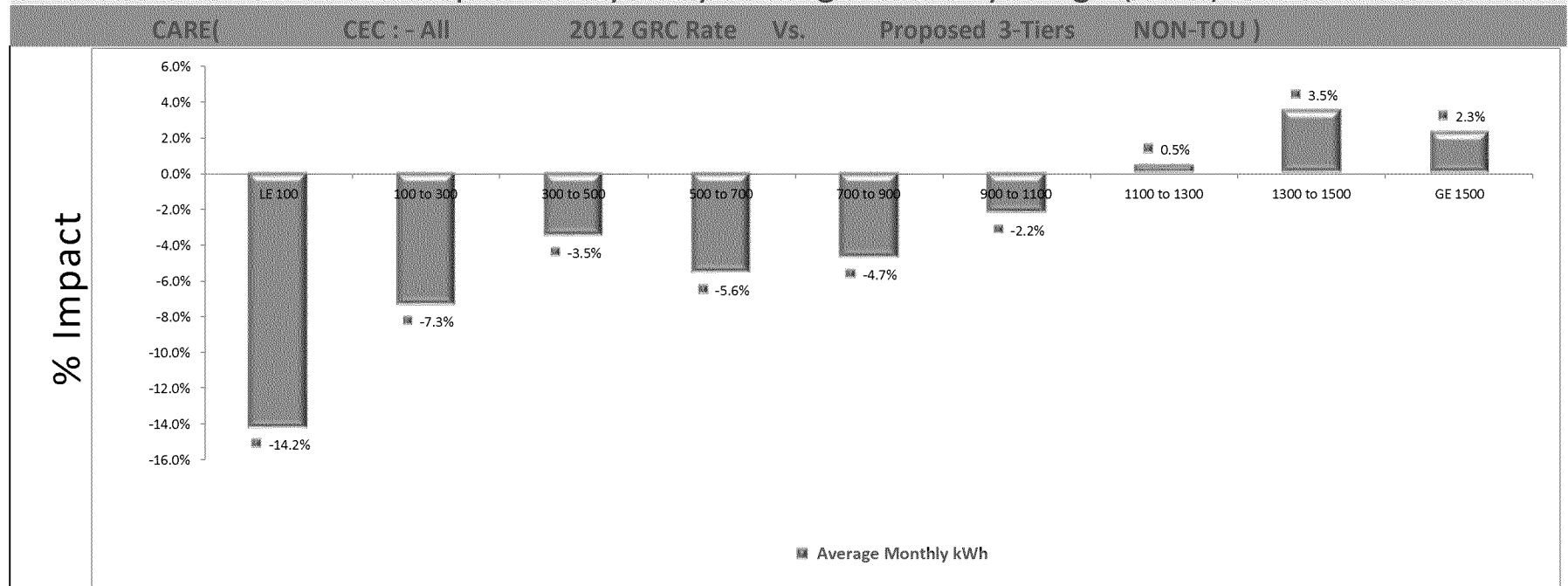
Non-Care



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average		
	%	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor		% On Peak	Average Monthly Δ kWh		2012 GRC Rate	Proposed		2012 GRC Rate	Proposed	Monthly \$ Change
LE 100		73,753	2.6%	1.7%	5.6%	59	6.4%	4.7%	(1)	14.5	16.1	10.9%	\$8.55	\$9.48	\$0.93	0.1%	0.1%
100 to 300		590,618	20.6%	13.6%	44.5%	218	9.6%	5.3%	(8)	13.6	16.3	19.7%	\$29.61	\$35.44	\$5.83	0.5%	0.6%
300 to 500		766,658	26.7%	25.6%	30.7%	398	12.1%	6.1%	(13)	15.0	17.3	15.7%	\$59.65	\$68.99	\$9.34	0.8%	0.9%
500 to 700		633,668	22.1%	24.9%	12.7%	596	14.3%	6.8%	(8)	17.7	18.6	5.2%	\$105.55	\$111.09	\$5.53	1.2%	1.2%
700 to 900		355,765	12.4%	15.0%	3.5%	799	15.9%	7.2%	(1)	20.3	19.9	-1.8%	\$162.17	\$159.29	-\$2.88	1.7%	1.7%
900 to 1100		197,266	6.9%	8.5%	1.4%	988	16.4%	8.0%	6	21.7	20.7	-4.4%	\$214.22	\$204.71	-\$9.50	2.1%	2.0%
1100 to 1300		102,829	3.6%	4.4%	0.7%	1,191	18.2%	8.0%	12	23.1	21.5	-6.9%	\$275.48	\$256.48	-\$18.99	2.9%	2.7%
1300 to 1500		65,555	2.3%	2.8%	0.6%	1,382	20.1%	7.0%	19	24.1	22.1	-8.2%	\$332.72	\$305.43	-\$27.29	3.1%	2.8%
GE 1500		79,956	2.8%	3.5%	0.2%	2,149	20.7%	7.5%	42	26.4	23.5	-11.2%	\$567.17	\$503.91	-\$63.26	4.7%	4.2%
Group Total		2,866,068	100.0%	100.0%	100.0%	589	13.6%	6.9%	(3.1)	19.4	19.6	0.7%	\$114.52	\$115.37	\$0.84	1.4%	1.4%

CARE

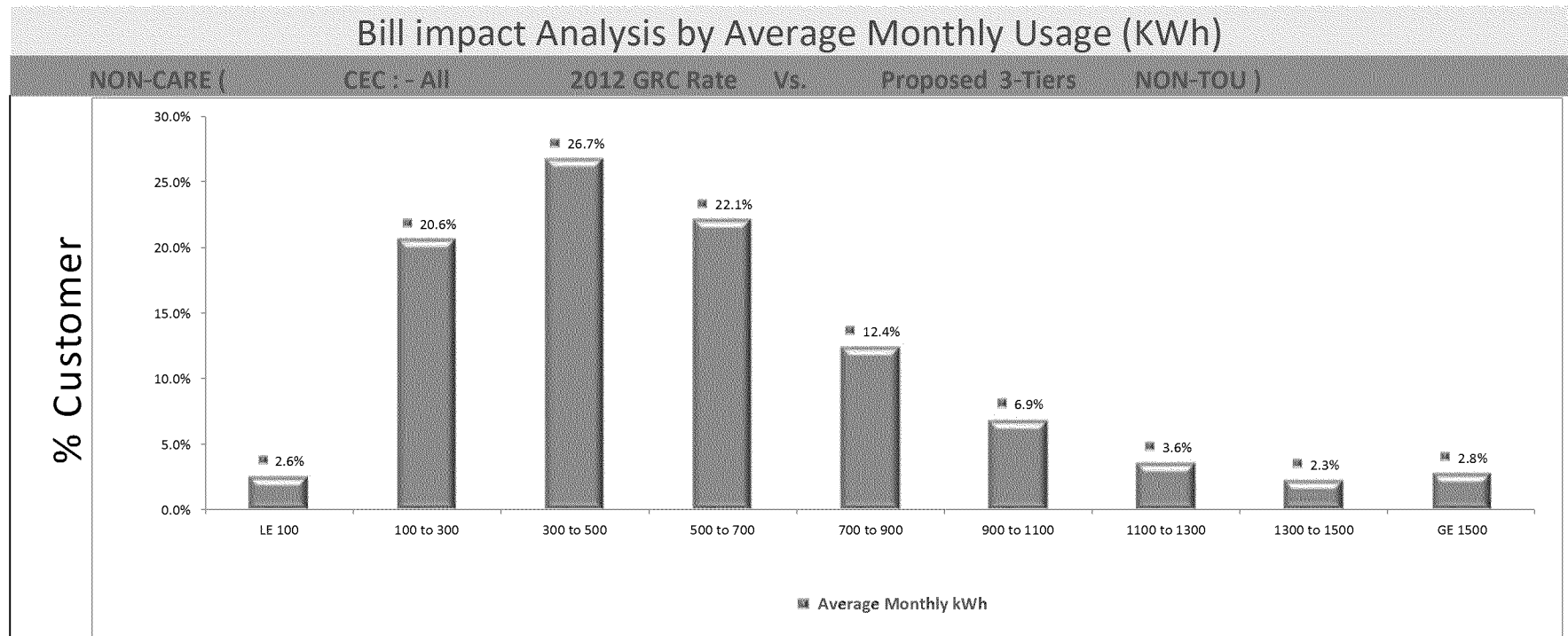
Bill impact Analysis by Average Monthly Usage (KWh)



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average	
	%	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor		% On Peak	2012 GRC Rate		Proposed	2012 GRC Rate		Proposed	Monthly \$ Change
LE 100	31,468	2.3%	1.5%	3.7%	75	8.8%	5.9%	2	9.5	8.1	-14.2%	\$7.10	\$6.09	-\$1.01	0.2%	0.1%
100 to 300	364,924	26.4%	18.1%	42.5%	218	12.0%	6.9%	3	9.0	8.4	-7.3%	\$19.70	\$18.25	-\$1.44	0.4%	0.4%
300 to 500	423,635	30.7%	30.0%	31.9%	389	14.6%	7.7%	3	9.9	9.6	-3.5%	\$38.71	\$37.36	-\$1.35	0.8%	0.7%
500 to 700	266,230	19.3%	21.6%	14.7%	584	16.1%	7.6%	6	11.9	11.3	-5.6%	\$69.68	\$65.79	-\$3.88	1.1%	1.1%
700 to 900	111,418	8.1%	10.3%	3.8%	793	17.2%	9.0%	6	13.5	12.9	-4.7%	\$107.40	\$102.34	-\$5.06	1.8%	1.7%
900 to 1100	92,926	6.7%	9.5%	1.4%	987	18.5%	9.6%	5	14.5	14.1	-2.2%	\$142.85	\$139.66	-\$3.18	2.3%	2.3%
1100 to 1300	50,582	3.7%	5.0%	1.0%	1,200	20.8%	8.4%	(0)	15.6	15.7	0.5%	\$187.03	\$187.94	\$0.90	3.0%	3.0%
1300 to 1500	19,129	1.4%	2.0%	0.2%	1,401	21.2%	8.3%	(7)	16.7	17.3	3.5%	\$234.19	\$242.46	\$8.27	4.3%	4.5%
GE 1500	20,744	1.5%	2.0%	0.6%	1,714	24.7%	5.9%	(9)	16.3	16.6	2.3%	\$278.81	\$285.35	\$6.54	4.3%	4.4%
Group Total	1,381,056	100.0%	100.0%	100.0%	509	15.3%	8.0%	3.4	12.4	12.0	-3.1%	\$62.92	\$60.98	-\$1.94	1.2%	1.1%

% customers by kWh bins: (This is not a bill impact, but rather just a description of what percentage of customers are using kWhs by bins.)

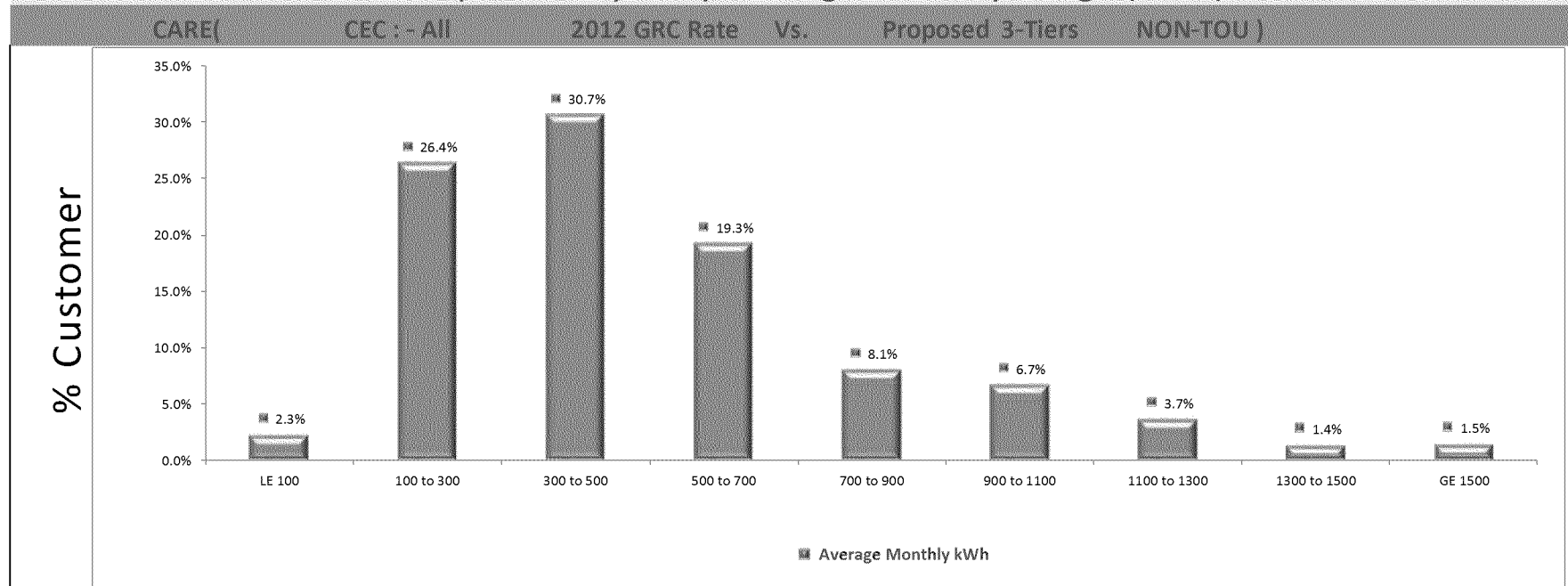
Non-CARE



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh			%	Monthly \$			Average	
	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor	% On Peak		2012 GRC Rate	Proposed	Change		2012 GRC Rate	Proposed	Monthly \$ Change	Current Annual Bill as a % of Income	Proposed Annual Bill as a % of Income
LE 100	73,753	2.6%	1.7%	5.6%	59	6.4%	4.7%	(1)	14.5	16.1	10.9%	\$8.55	\$9.48	\$0.93	0.1%	0.1%	
100 to 300	590,618	20.6%	13.6%	44.5%	218	9.6%	5.3%	(8)	13.6	16.3	19.7%	\$29.61	\$35.44	\$5.83	0.5%	0.6%	
300 to 500	766,658	26.7%	25.6%	30.7%	398	12.1%	6.1%	(13)	15.0	17.3	15.7%	\$59.65	\$68.99	\$9.34	0.8%	0.9%	
500 to 700	633,668	22.1%	24.9%	12.7%	596	14.3%	6.8%	(8)	17.7	18.6	5.2%	\$105.55	\$111.09	\$5.53	1.2%	1.2%	
700 to 900	355,765	12.4%	15.0%	3.5%	799	15.9%	7.2%	(1)	20.3	19.9	-1.8%	\$162.17	\$159.29	-\$2.88	1.7%	1.7%	
900 to 1100	197,266	6.9%	8.5%	1.4%	988	16.4%	8.0%	6	21.7	20.7	-4.4%	\$214.22	\$204.71	-\$9.50	2.1%	2.0%	
1100 to 1300	102,829	3.6%	4.4%	0.7%	1,191	18.2%	8.0%	12	23.1	21.5	-6.9%	\$275.48	\$256.48	-\$18.99	2.9%	2.7%	
1300 to 1500	65,555	2.3%	2.8%	0.6%	1,382	20.1%	7.0%	19	24.1	22.1	-8.2%	\$332.72	\$305.43	-\$27.29	3.1%	2.8%	
GE 1500	79,956	2.8%	3.5%	0.2%	2,149	20.7%	7.5%	42	26.4	23.5	-11.2%	\$567.17	\$503.91	-\$63.26	4.7%	4.2%	
Group Total	2,866,068	100.0%	100.0%	100.0%	589	13.6%	6.9%	(3.1)	19.4	19.6	0.7%	\$114.52	\$115.37	\$0.84	1.4%	1.4%	

CARE

Bill impact Analysis by Average Monthly Usage (KWh)



Average Monthly kWh	Customer				Average			Elasticity	Cents/kWh		%	Monthly \$		Average	Average		
	%	Number	% Customer	% Single	% Multi	Monthly kWh	Annual Load Factor		% On Peak	2012 GRC Rate		Proposed	2012 GRC Rate		Proposed	Monthly \$ Change	Current Annual Bill as a % of Income
LE 100	2.3%	31,468	2.3%	1.5%	3.7%	75	8.8%	5.9%	2	9.5	8.1	-14.2%	\$7.10	\$6.09	-\$1.01	0.2%	0.1%
100 to 300	26.4%	364,924	26.4%	18.1%	42.5%	218	12.0%	6.9%	3	9.0	8.4	-7.3%	\$19.70	\$18.25	-\$1.44	0.4%	0.4%
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900 to 1100	6.7%	92,926	6.7%	9.5%	1.4%	987	18.5%	9.6%	5	14.5	14.1	-2.2%	\$142.85	\$139.66	-\$3.18	2.3%	2.3%
1100 to 1300	3.7%	50,582	3.7%	5.0%	1.0%	1,200	20.8%	8.4%	(0)	15.6	15.7	0.5%	\$187.03	\$187.94	\$0.90	3.0%	3.0%
1300 to 1500	1.4%	19,129	1.4%	2.0%	0.2%	1,401	21.2%	8.3%	(7)	16.7	17.3	3.5%	\$234.19	\$242.46	\$8.27	4.3%	4.5%
GE 1500	1.5%	20,744	1.5%	2.0%	0.6%	1,714	24.7%	5.9%	(9)	16.3	16.6	2.3%	\$278.81	\$285.35	\$6.54	4.3%	4.4%
Group Total	100.0%	1,381,056	100.0%	100.0%	100.0%	509	15.3%	8.0%	3.4	12.4	12.0	-3.1%	\$62.92	\$60.98	-\$1.94	1.2%	1.1%

Select Options and Inputs:

SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

Customer Cost: \$11.65/month/customer

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Residual Customer Cost per kWh:

Minimum Bill Amount (\$/Day):

Set Minimum Bill for Delivery Only or Total Bill:

Distribution Demand: \$6.40/kW/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Residual Demand Cost per kWh:

Include SGIP, CSI, & Demand Response in:

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: \$7.07/kW/On-Peak Summer Demand

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Residual Capacity Cost per kWh (Summer):

Energy: Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: Seasonal Difference 5.04 Cents/kWh x 0 = 0 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers:

Maintain SDG&E Current Tier 1 and Tier 2 Rates:

**Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences*

% Differential or Cent/kWh Differential Between Tiers:

Fix Tier 1 and find Highest Tier:

**Entering Yes will fix Tier 1 and find the highest tier, otherwise the user can define the differential between every tier and Tier 1 will be found*

Tier 1 to Tier 2 Differential (Cents/kWh):

Tier 2 to Tier 3 Differential (Cents/kWh):

Tier 3 to Tier 4 Differential (Cents/kWh):

**Not in compliance with SB695 Tier 1 and Tier 2 Levels*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:

Set pre-discount CARE Tier 3 Rate equal non-CARE:

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount:

**2 Options: % discount off the total bill or a \$/month discount*

Tier 1 CARE Energy Discount %:

Tier 2 CARE Energy Discount %:

Tier 3 CARE Energy Discount %:

Tier 4 CARE Energy Discount %:

Estimate of revenue shift to non-Residential classes: *Calculate rates FIRST; refer to table in cells I59:M65 for details of the CARE revenue shift estimation

<u>User-Defined Rates (non-CARE)</u>		<u>Current Structured Rates (non-CARE)</u>	
	Total Rate		Total Rate
SCHEDULE DR		SCHEDULE DR	
Basic Service Fee	0.00	Basic Service Fee	0.00
Non-Coincident Demand	0.00	Non-Coincident Demand	0.00
On Peak Demand		On Peak Demand	
Summer	0.00	Summer	0.00
Winter	0.00	Winter	0.00
Summer Energy		Summer Energy	
Baseline Energy	0.15728	Baseline Energy	0.14334
101% to 130% of Baseline	0.21228	101% to 130% of Baseline	0.16580
131% to 200% of Baseline	0.21228	131% to 200% of Baseline	0.27982
Above 200% of Baseline	0.25428	Above 200% of Baseline	0.29982
Winter Energy		Winter Energy	
Baseline Energy	0.15728	Baseline Energy	0.14334
101% to 130% of Baseline	0.21228	101% to 130% of Baseline	0.16580
131% to 200% of Baseline	0.21228	131% to 200% of Baseline	0.26239
Above 200% of Baseline	0.25428	Above 200% of Baseline	0.28239
Minimum Bill	0.17	Minimum Bill	0.17
User-Defined Rates (CARE w/ Discount)		Current Structured Rates (CARE w/ Discount)	
	Total Rate		Total Rate
SCHEDULE DR-LI		SCHEDULE DR-LI	
Basic Service Fee	0.00	Basic Service Fee	0.00
Non-Coincident Demand	0.00	Non-Coincident Demand	0.00
On Peak Demand		On Peak Demand	
Summer	0.00	Summer	0.00
Winter	0.00	Winter	0.00
Summer Energy		Summer Energy	
Baseline Energy	0.09297	Baseline Energy	0.09958
101% to 130% of Baseline	0.16340	101% to 130% of Baseline	0.11620
131% to 200% of Baseline	0.16340	131% to 200% of Baseline	0.17557
Above 200% of Baseline	0.22072	Above 200% of Baseline	0.17557
Winter Energy		Winter Energy	
Baseline Energy	0.09297	Baseline Energy	0.09958
101% to 130% of Baseline	0.16340	101% to 130% of Baseline	0.11620
131% to 200% of Baseline	0.16340	131% to 200% of Baseline	0.16417
Above 200% of Baseline	0.22072	Above 200% of Baseline	0.16417
Minimum Bill	0.11	Minimum Bill	0.136

SDG&E

Non-Care Rates: 15.7-21.2-25.4

CARE Rates: 9.3-16.3-22.1

CARE Disc: 38%-20%-10%.

\$ of Discount

Current: \$77.216 million

TURN proposed: 77.216 million

Effective % Discount for both is 33%

Percent of customers affected % bill impact

Non-CARE only

Impact range as percent of Current Bills	# of Customers Affected	User-Defined Rates
-10% to -15%	14,234	(\$65)
-5% to -10%	151,155	(\$18)
0% to -5%	133,796	(\$3)
No Change	12,733	\$0
0% to 5%	115,494	\$2
5% to 10%	413,492	\$4
10% to 15%	189,559	\$5

CARE only

Impact range as percent of Current Bills	# of Customers Affected	User-Defined Rates
-5% to -10%	60,960	(\$1)
0% to -5%	47,429	(\$1)
No Change	0	\$0
0% to 5%	50,291	\$2
5% to 10%	25,758	\$9
10% to 15%	6,507	\$20
15% to 20%	3,796	\$34

Impact by kWh:

Non-Care only

DR (non-CARE)	Number of Customers	Average Current Bill	Average User-Defined Bill	Avg User Selected Rates \$ Impact (Monthly)	Avg User Selected Rates % Impact
0 to 100	57,300	\$9.14	\$9.83	\$0.69	7.6%
100 to 200	114,600	\$22.96	\$25.07	\$2.11	9.2%
200 to 300	229,200	\$37.26	\$40.66	\$3.40	9.1%
300 to 400	98,362	\$53.30	\$57.87	\$4.57	8.6%
400 to 500	128,910	\$72.17	\$77.21	\$5.04	7.0%
500 to 600	98,829	\$94.28	\$96.58	\$2.30	2.4%
600 to 700	69,547	\$121.05	\$119.70	(\$1.35)	-1.1%
700 to 800	85,137	\$150.26	\$144.66	(\$5.60)	-3.7%
800 to 900	23,995	\$175.53	\$165.98	(\$9.55)	-5.4%
900 to 1,000	26,164	\$194.43	\$185.44	(\$8.99)	-4.6%
1,000 to 1,250	46,227	\$233.37	\$221.78	(\$11.59)	-5.0%
1,250 to 1,500	23,723	\$327.14	\$299.79	(\$27.35)	-8.4%
1,500 to 2,000	18,030	\$402.88	\$364.77	(\$38.11)	-9.5%
2,000 to 3,000	9,489	\$607.82	\$545.11	(\$62.71)	-10.3%
3,000 +	949	\$1,838.44	\$1,614.92	(\$223.52)	-12.2%

Select Options and Inputs:

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

Customer Cost: \$11.65/month/customer

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Residual Customer Cost per kWh:

Minimum Bill Amount (\$/Day):

Set Minimum Bill for Delivery Only or Total Bill:

Distribution Demand: \$6.40/kW/NEC

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Residual Demand Cost per kWh:

Include SGIP, CSI, & Demand Response in:

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: \$7.07/kW/On-Peak Summer Demand

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Residual Capacity Cost per kWh (Summer):

Energy: Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: Seasonal Difference 5.04 Cents/kWh x 0 = 0 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers:

Maintain SDG&E Current Tier 1 and Tier 2 Rates:

**Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences*

% Differential or Cent/kWh Differential Between Tiers:

Fix Tier 1 and find Highest Tier:

**Entering Yes will fix Tier 1 and find the highest tier, otherwise the user can define the differential between every tier and Tier 1 will be found*

Tier 1 to Tier 2 Differential (Cents/kWh):

Tier 2 to Tier 3 Differential (Cents/kWh):

Tier 3 to Tier 4 Differential (Cents/kWh):

**Not in compliance with SB695 Tier 1 and Tier 2 Levels*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:

Set pre-discount CARE Tier 3 Rate equal non-CARE:

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount:

**2 Options: % discount off the total bill or a \$/month discount*

Tier 1 CARE Energy Discount %:

Tier 2 CARE Energy Discount %:

Tier 3 CARE Energy Discount %:

Tier 4 CARE Energy Discount %:

Estimate of revenue shift to non-Residential classes: *Calculate rates FIRST; refer to table in cells I59:M65 for details of the CARE revenue shift estimation

SDG&E

Non-Care Rates: 15.9-21.4-25.6

CARE Rates: 7.5-14.4-22.2

CARE Tiers Discount: 50%-30%-10%.

\$ of Discount

Current: \$77.216 million

TURN proposed: \$99.981 million

Effective % Discount:

Current: 33%

TURN proposed: 43%

Percent of customers affected % bill impact (No Combined Non-CARE and CARE results exist, so I'm only providing Non-CARE and CARE, here (separately)).

Non-CARE only

Impact range as percent of Current Bills	# of Customers Affected	User-Defined Rates
-10% to -15%	7,591	(\$80)
-5% to -10%	137,598	(\$20)
0% to -5%	142,065	(\$4)
No Change	12,733	\$0
0% to 5%	101,801	\$2
5% to 10%	151,505	\$4
10% to 15%	477,169	\$5

CARE

Impact range as percent of Current Bills	# of Customers Affected	User-Defined Rates
-20% to -25%	83,721	(\$5)
-15% to -20%	28,329	(\$8)
-5% to -10%	39,310	(\$7)
0% to -5%	12,879	(\$7)
No Change	20,200	(\$3)
0% to 5%	0	\$0
5% to 10%	4,609	\$4
10% to 15%	2,847	\$12
15% to 20%	2,847	\$24

Impact by kWh:

Non-Care only

DR (non-CARE)	Number of Customers	Average Current Bill	Average User-Defined Bill	Avg User Selected Rates \$ Impact (Monthly)	Avg User Selected Rates % Impact
0 to 100	57,300	\$9.14	\$9.90	\$0.75	8.2%
100 to 200	114,600	\$22.96	\$25.26	\$2.30	10.0%
200 to 300	229,200	\$37.26	\$40.97	\$3.71	10.0%
300 to 400	98,362	\$53.30	\$58.30	\$5.00	9.4%
400 to 500	128,910	\$72.17	\$77.76	\$5.59	7.7%
500 to 600	98,829	\$94.28	\$97.25	\$2.97	3.1%
600 to 700	69,547	\$121.05	\$120.50	(\$0.55)	-0.5%
700 to 800	85,137	\$150.26	\$145.58	(\$4.68)	-3.1%
800 to 900	23,995	\$175.53	\$167.00	(\$8.52)	-4.9%
900 to 1,000	26,164	\$194.43	\$186.60	(\$7.83)	-4.0%
1,000 to 1,250	46,227	\$233.37	\$223.15	(\$10.22)	-4.4%
1,250 to 1,500	23,723	\$327.14	\$301.50	(\$25.64)	-7.8%
1,500 to 2,000	18,030	\$402.88	\$366.79	(\$36.09)	-9.0%
2,000 to 3,000	9,489	\$607.82	\$548.00	(\$59.82)	-9.8%
3,000 +	949	\$1,838.44	\$1,622.94	(\$215.50)	-11.7%

<u>User-Defined Rates (non-CARE)</u>		<u>Current Structured Rates (non-CARE)</u>	
	Total Rate		Total Rate
SCHEDULE DR		SCHEDULE DR	
Basic Service Fee	0.00	Basic Service Fee	0.00
Non-Coincident Demand	0.00	Non-Coincident Demand	0.00
On Peak Demand		On Peak Demand	
Summer	0.00	Summer	0.00
Winter	0.00	Winter	0.00
Summer Energy		Summer Energy	
Baseline Energy	0.15851	Baseline Energy	0.14334
101% to 130% of Baseline	0.21351	101% to 130% of Baseline	0.16580
131% to 200% of Baseline	0.21351	131% to 200% of Baseline	0.27982
Above 200% of Baseline	0.25551	Above 200% of Baseline	0.29982
Winter Energy		Winter Energy	
Baseline Energy	0.15851	Baseline Energy	0.14334
101% to 130% of Baseline	0.21351	101% to 130% of Baseline	0.16580
131% to 200% of Baseline	0.21351	131% to 200% of Baseline	0.26239
Above 200% of Baseline	0.25551	Above 200% of Baseline	0.28239
Minimum Bill	0.17	Minimum Bill	0.17
SCHEDULE DR-LI		SCHEDULE DR-LI	
Basic Service Fee	0.00	Basic Service Fee	0.00
Non-Coincident Demand	0.00	Non-Coincident Demand	0.00
On Peak Demand		On Peak Demand	
Summer	0.00	Summer	0.00
Winter	0.00	Winter	0.00
Summer Energy		Summer Energy	
Baseline Energy	0.07524	Baseline Energy	0.09958
101% to 130% of Baseline	0.14384	101% to 130% of Baseline	0.11620
131% to 200% of Baseline	0.14384	131% to 200% of Baseline	0.17557
Above 200% of Baseline	0.22183	Above 200% of Baseline	0.17557
Winter Energy		Winter Energy	
Baseline Energy	0.07524	Baseline Energy	0.09958
101% to 130% of Baseline	0.14384	101% to 130% of Baseline	0.11620
131% to 200% of Baseline	0.14384	131% to 200% of Baseline	0.16417
Above 200% of Baseline	0.22183	Above 200% of Baseline	0.16417
Minimum Bill	0.09	Minimum Bill	0.136