BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking on the Commission's Own Motion to Conduct a Comprehensive Examination of Investor Owned Electric Utilities' Residential Rate Structures, the Transition to Time Varying and Dynamic Rates, and Other Statutory Obligations.

Rulemaking 12-06-013 (Filed June 21, 2012)

PHASE 1 ADDITIONAL SUPPLEMENTARY TESTIMONY OF SAN DIEGO GAS & ELECTRIC COMPANY (U902E) PURSUANT TO ALJ RULING

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Dated: July 23, 2014

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San Diego Gas & Electric Company ("SDG&E") hereby submits its Additional Supplementary Testimony pursuant to the Ruling of ALJ McKinney, issued July 11, 2014. In that Ruling, SDG&E was directed to answer the following question by no later than July 23, 2014:

- (5) Energy Efficiency, Demand Response and Distributed Generation Programs:
 - d. Estimate total load reduction and peak period reduction or load shifting using the "Conservation Tab" of the PG&E RROIR Bill Impact Calculator or an equivalent tool. Use an appropriate elasticity assumption and justify and explain your choice of elasticity assumption.

SDG&E's Additional Supplementary Testimony to the ALJ's Order is set forth herein as Appendix "A." SDG&E appreciates the opportunity to submit this Supplementary Testimony.

Dated: July 23, 2014 San Diego Gas & Electric Company

/s/ Thomas R. Brill

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APPENDIX A SAN DIEGO GAS AND ELECTRIC COMPANY IN SUPPORT OF JULY 23, 2014 ADDITIONAL SUPPLEMENTAL TESTIMONY RULEMAKING 12-06-013 PHASE 1

In accordance with the ruling issued by Administrative Law Judge (ALJ) Jeanne M. McKinney on July 11, 2014 seeking additional supplementary testimony, San Diego Gas & Electric Company (SDG&E) hereby provides an answer to the following question:

(5) Energy Efficiency, Demand Response and Distributed Generation Programs: d. Estimate total load reduction and peak period reduction or load shifting using the "Conservation Tab" of the PG&E RROIR Bill Impact Calculator or an equivalent tool. Use an appropriate elasticity assumption and justify and explain your choice of elasticity assumption.

In this response, SDG&E provides its estimate of conservation related to the current residential rate reform efforts. Details of this estimate are provided in the attached spreadsheet. Please note that this additional response supplements SDG&E's response submitted on May 16, 2014.

SDG&E has provided its estimate of conservation related to rate residential rate reform with the ruling and has provided its response in the attached spreadsheet. SDG&E estimates the residential price elasticity to be close to -.1. Residential elasticity estimates are based on residential sales models developed to submit residential sales forecasts to the California Energy Commission's Integrated Energy Policy Report (IEPR) process. Therefore SDG&E's preferred elasticity is -.1. The elasticity was applied to both California Alternate Rates for Energy (CARE) and non-CARE customers for Schedules DR and DRLI. SDG&E provided responses for its current baseline and the proposed baseline in its Rate Design Window application (RDW). Additionally SDG&E included a scenario of -.2 elasticity so that a more direct comparison can be made with the response of Pacific Gas and Electric Company (PG&E) labeled as "PG&E Conservation Tab" in PG&E's RROIR Bill Impact Calculator.

SDG&E provides a "Summary" tab and has each scenario labeled as a separate tab. For instance: "Conservation Tab 1 (-.1)" provides SDG&E's scenario 1 that uses and elasticity of -.1. SDG&E also has created a separate tab labeled "TOU Conservation Tab" to provide its estimates of load reduction based on its default TOU rates to become effective in 2018.

APPENDIX A SAN DIEGO GAS AND ELECTRIC COMPANY IN SUPPORT OF JULY 23, 2014 ADDITIONAL SUPPLEMENTAL TESTIMONY RULEMAKING 12-06-013 PHASE 1

Results indicate that when applying an elasticity of (-.1) that SDG&E would expect an overall load growth of about .4% to .5% for all residential customers over the 2015-2017 timeframe – while holding everything else constant¹.

The percentages of annual kWh change for CARE versus Non-CARE are as follows:

Current Baseline:	Non-CARE	CARE
(1) elasticity	.67%	59%
(2) elasticity	1.35%	-1.19%
Proposed RDW Baseline:		
(1) elasticity	.78%	47%
(2) elasticity	1.56%	93%

SDG&E is providing its default Time-of-Use (TOU) example for its non-CARE and CARE customers. The proposed default TOU rate has a monthly service fee as well as a baseline credit. CARE customers receive a discounted TOU rate, and therefore there is no separate TOU rate for CARE. To simplify the analysis a weighted average Schedule DR and Schedule DRLI rates have been calculated using tier usage and accompanying rates. This weighted average rate is then compared to the proposed default TOU rates (see TOU Conservation Tab). An elasticity of -.2 has also been assumed for the non-CARE TOU example and a conservative elasticity of -.1 is being used for the CARE TOU example. The summer onpeak to off-peak price ratio is approximately 1.4 for both non-CARE and CARE TOU rates. The effect of the non-CARE elasticity shows a summer peak period reduction of 3.5%. This level of reduction is consistent with SDG&E's prior estimates of summer on-peak load reduction being between 3%-5%.

The effect of the CARE elasticity assumption shows kWh reductions (conservation) in all TOU periods for both summer and winter. The reason for this lies in the current CARE discount being closer to 40%, and the desired discount being closer to 34% in 2018. That change along with the TOU differential creates kWh reductions in all TOU periods – which is not the typical

¹Other rate changes or changes to SDG&E's revenue requirements are not included, as economic and weather effects are also unknown.

APPENDIX A SAN DIEGO GAS AND ELECTRIC COMPANY IN SUPPORT OF JULY 23, 2014 ADDITIONAL SUPPLEMENTAL TESTIMONY RULEMAKING 12-06-013 PHASE 1

result when applying TOU rates. Normally, the off-peak period shows kWh increases, and the on and semi-peak periods show kWh reductions.

SDG&E is providing the best elasticity assumptions it is able to provide based on currently available information. However, the exact elasticity that will be experienced once residential rate reforms have been implemented as a result of this proceeding, is currently unknown, and will depend on a number of factors. For example, under a scenario where the Net Energy Metering (NEM) program limit, established in Public Utilities Code Section 2827(c)(4)(B), is met in 2017, total residential consumption will go down by 7% when the NEM program limit has been realized (see Conservation Tab -.1 with NEM adj). Under this scenario, the upper tiers could show reductions of 14% and the bottom tiers could be reduced by 3%. However, the usage reductions will not be a direct result of rate design or rate reform, but instead result from other factors, many of which will not be under SDG&E's control.

Note: SDG&E is using its authorized sales from D.14-01-002. SDG&E did not apply its sales forecast to this response

Elasticity Assumption of1	2015-2017 kWh Change	2015-2017 kWh Total	Total Percent Change
Total non-CARE annual kWh change over the three year period with SDG&E's current Baseline:	37,510,285	5,566,762,291	0.67%
Total CARE annual kWh change over the three year period with SDG&E's current Baseline:	(8,436,478)	1,419,814,967	-0.59%
	29,073,807	6,986,577,259	0.42%
Total non-CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	43,282,684	5,566,762,291	0.78%
Total CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	(6,623,727)	1,419,814,967	-0.47%
	36,658,958	6,986,577,259	0.52%
Elasticity Assumption of2	2015-2017 kWh Change	2015-2017 kWh Total	Total Percent Change
Total non-CARE annual kWh change over the three year period with SDG&E's current Baseline:	75,020,571	5,566,762,291	1.35%
Total CARE annual kWh change over the three year period with SDG&E's current Baseline:	(16,872,956)	1,419,814,967	-1.19%
	58,147,615	6,986,577,259	0.83%
Total non-CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	86,565,369	5,566,762,291	1.56%
Total CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	(13,247,454)	1,419,814,967	-0.93%
	73,317,915	6,986,577,259	1.05%

Elasticity Assumption of $\bar{\ }$.1 with NEM Cap reached

 $Assumption that \, NEM \, Cap \, is \, reached \, , \, effect \, is \, that \, total \, consumption \, is \, reduced \, by \, 7\% \, \cdots \, no \, \, conservation$

	kWh total	kWh Change	New Annual kWh	Change in total consumption
Bottom Tiers (1 &2)	4,660,836,287	139,313,503	4,521,522,785	-3%
Upper Tiers (3 & 4)	2,325,740,971	325,064,839	2,000,676,132	-14%
Total	6,986,577,259	464,378,342	6,522,198,917	-7%

	2015-2017 kWh Change	2015-2017 kWh Total Total Perd	ent Change
Total non-CARE annual kWh change over the three year period with SDG&E's current Baseline:	29,989,510	5,195,259,618	0.58%
Total CARE annual kWh change over the three year period with SDG&E's current Baseline:	(8,743,676)	1,326,939,299	-0.66%
	21,245,834	6,522,198,917	0.33%
Total non-CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	35,433,263	5,195,259,618	0.68%
Total CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	(7,037,441)	1,326,939,299	-0.53%
	28,395,822	6,522,198,917	0.44%

TOU Elasticity Assumption of -.2

		2015-2017 kWh	
	2015-2017 kWh Change	Total	Total Percent Change
Total non-CARE annual kWh change over the three year period with SDG&E's current Baseline:	46,235,601	5,566,762,291	0.83%
Total CARE annual kWh change over the three year period with SDG&E's current Baseline:	(40,351,397)	1,419,814,967	-2.84%
·	5,884,203	6,986,577,259	0.08%

SDG&E 2015-2017 Price Elasticity of Energy - non CARE

Energy (Tiers)	Non CARE (Schedule DR) Determinants	Current Rate	Proposed Rate	Change in Price	Price Elasticity of Demand (E _d)	Estimated Change in	Estimated Change in annual kWh	Estimated New
	(kWh)	(\$/kWh)	(\$/kWh)	%	<u>(dQ/Q)</u> (dP/P)	quantity %	(dP/P) x E _d x Q	kWh Quantity
ummer								
Tier 1	1,445,135,097	0.15396	0.18375	19%	(0.10)	-1.93%	(27,962,181)	1,473,097,278
Tier 2	293,387,123	0.17778	0.18375	3%	(0.10)	-0.34%	(985,218)	294,372,341
Tier 3	457,471,011	0.33323	0.23888	-28%	(0.10)	2.83%	12,952,732	444,518,279
Tier 4	677,029,294	0.35323	0.23888	-32%	(0.10)	3.24%	21,917,249	655,112,045
Vinter								
Tier 1	1,562,553,827	0.15396	0.15469	0%	(0.10)	-0.05%	(740,884)	1,563,294,710
Tier 2	282,330,795	0.17778	0.15469	-13%	(0.10)	1.30%	3,666,902	278,663,893
	105 000 050	0.29351	0.20110	-31%	(0.10)	3.15%	12,780,606	393,153,344
Tier 3	405,933,950	0.23551						
	 	0.31351	0.20110	-36%	(0.10)	3.59%	15,881,079	427,040,116

SDG&E 2015-2017 Price Elasticity of Energy CARE

Energy (Tie	rs)	CARE (Schedule DRLI) Determinants	Current Rate	Proposed Rate	Change in Price %	Price Elasticity of Demand (E _d)	Estimated Change in	Estimated Change in annual kWh	Estimated New
		(kWh)	(\$/kWh)	(\$/kWh)		<u>(dQ/Q)</u> (dP/P)	quantity %	(dP/P) x E _d x Q	kWh Quantity
ummer									
	Tier 1	433,534,801	0.10051	0.12480	24%	(0.10)	-2.42%	(10,477,393)	423,057,408
	Tier 2	73,848,096	0.11762	0.12480	6%	(0.10)	-0.61%	(450,727)	73,397,369
	Tier 3	98,315,652	0.17344	0.16501	-5%	(0.10)	0.49%	477,944	98,793,597
	Tier 4	94,883,848	0.17344	0.16501	-5%	(0.10)	0.49%	461,261	95,345,109
Vinter									
	Tier 1	500,461,047	0.10051	0.10361	3%	(0.10)	-0.31%	(1,540,672)	498,920,375
	Tier 2	69,585,502	0.11762	0.10361	-12%	(0.10)	1.19%	829,279	70,414,781
	Tier 3	85,636,691	0.16204	0.13745	-15%	(0.10)	1.52%	1,299,497	86,936,188
	Tier 4	63,549,330	0.16204	0.13745	-15%	(0.10)	1.52%	964,332	64,513,662
		1,419,814,967					Total	(8,436,478)	-0.59%

Tab Name: Conservation Tab 1. (-.1) SDGE Model March 21, 2013

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		2015-2017 kWh	
	2015-2017 kWh Change	Total	Total Percent Change
Total non-CARE annual kWh change over the three year period with SDG&E's current Baseline:	75,020,571	5,566,762,291	1.35%
Total CARE annual kWh change over the three year period with SDG&E's current Baseline:	(16,872,956)	1,419,814,967	-1.19%
	58,147,615	6,986,577,259	0.83%
Total non-CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	86,565,369	5,566,762,291	1.56%
Total CARE annual kWh change over the three year period with SDG&E's proposed RDW Baseline:	(13,247,454)	1,419,814,967	-0.93%
	73,317,915	6,986,577,259	1.05%

Note: SDG&E is using its authorized sales from D.14-01-002. SDG&E did not apply its sales forecast to this response.

SDG&E 2015-2017 Price Elasticity of Energy - non CARE

Energy (Tiers)		Non-CARE (Schedule DR) Determinants	Current Rate	Proposed Rate	Change in Price	Price Elasticity of Demand (E _d)	Estimated Change in quantity %	Estimated Change in annual kWh	Estimated New kWh Quantity
		(kWh)	(\$/kWh)	(S/kWh)	%	(dQ/Q) (dP/P)	quaintry 20	(dP/P) x E _d x Q	Kee ii Quantity
mer									
- 10	er 1	1,445,135,097	0.15396	0.18375	19%	10.20	-3.87%	(55,924,363)	1,501,059,460
75	er 2	293,387,123	0.17778	0.18375	3%	16.79)	-0.67%	(1,970,437)	295,357,559
Ti-	er 3	457,471,011	0.33323	0.23888	-28%	(6.35)	5.66%	25,905,465	431,565,546
Ti.	ier 4	677,029,294	0.35323	0.23888	-32%	10.20	6.47%	43,834,499	633,194,796
	ier 4	677,029,294	0.35323	0.23888	-32%	90.90	6.47%	43,834,499	633,194,796
	_								
r n	ier 4 L	1,562,553,827 282,330,795	0.35323 0.15396 0.17778	0.23888 0.15469 0.15469	-32% 0% -13%	40-20 32-30 15-20	6.47% 0.09% 2.60%	(1,481,767) 7,333,804	533,194,796 1,564,035,594 274,996,991
г п	ier 1	1,562,553,827	0.15396	0.15469	0%	(2.30) (4.30) (4.30)	-0.09%	(1,481,767)	1,564,035,594
10 10 10	ier 1	1,562,553,827 282,330,795	0.15396 0.17778	0.15469 0.15469	0% -13%	(6.29) (6.29) (6.29) (6.28)	-6.09% 2.60%	(1.481.767) 7.333,804	1,564,035,594 274,996,991

SDG&E 2015-2017 Price Elasticity of Energy CARE

Energy (Ti	iers)	CARE (Schedule DRLI) Determinants	Current Rate	Proposed Rate	Change in Price %	Price Elasticity of Demand (E _c)	Estimated Change in	Estimated Change in annual kWh	Estimated New
		(kWh)	(\$/kWh)	(S/kWh)		(dQ/Q) (dP/P)	quantity%	(dP/P) x E _d x Q	kWh Quantity
mmer									
	Tier 1	433,534,801	0.10051	0.12480	24%	(0.26)	4.83%	[20,954,786]	412,580,015
	Tier 2	73,848,096	0.11762	0.12480	6%	(0.36)	1.22%	(901,454)	72,946,643
	Tier 3	98,315,652	0.17344	0.16501	-5%	10.20	0.97%	955,889	99,271,541
	Tier 4	94,883,848	0.17344	0.16501	-5%	(9.26)	0.97%	922,523	95,806,371
inter									
	Tier 1	500,461,047	0.10051	0.10361	3%	59.25	-0.62%	(3,081,344)	497,379,703
	Tier 2	69,585,502	0.11762	0.10361	-12%	(7.20)	2.38%	1,658,558	71,244,050
		85,636,691	0.16204	0.13745	-15%	(6.20)	3.03%	2,598,995	88,235,686
	Tier 3								
	Tier 4	63,549,330	0.16204	0.13745	-15%	00.20	3.03%	1,928,664	65,477,994

6,986,577,259 69865772.59 7,056,443,031

SDG&E 2015-2017 Price Elasticity of Energy - non CARE

Energy (Tiers)	Non-CARE (Schedule DR) Determinants	Current Rate	Proposed Rate	Change in Price	Price Elasticity of Demand (E _d)	Estimated Change in	Estimated Change in annual kWh	Estimated New
	(kWh)	(\$/kWh)	(\$/kWh)	%	(dQ/Q) (dP/P)	quantity%	(dP/P) x E _d x Q	kWh Quantity
mer								
Tie	1,445,135,097	0.15396	0.18187	18%	(0.20)	-3.63%	(52,395,064)	1,497,530,161
Tie	r 2 293,387,123	0.17778	0.18187	2%	3020	-0.46%	(1,349,931)	294,737,053
Tie	r.3 457,471,011	0.33323	0.23643	-29%	4.25	5.81%	26,578,156	430,892,855
Tie	r.4. 677,029,294	0.35323	0.23643	-33%		6.61%	44,773,672	632,255,622
	r.4 677,029,294	0.35323	0.23643	-33%		6.61%	44,773,672	632,255,622
ar								
	r1 1,562,553,827	0.35323 0.15396 0.17778			9.21	0.15%	2,334,291	1,560,219,536
er Tie Tie	r1 1,562,553,827	0.15396	0.15281	-1%	42.1			1,560,219,536 274,399,869
er Tie Tie	r 1 1,562,553,827 r 2 282,330,795 r 3 405,933,950	0.15396 0.17778	0.15281 0.15281	-1% -14%	6 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.15% 2.81%	2,334,291 7,930,926	1,560,219,536

SDG&E 2015-2017 Price Elasticity of Energy CARE

Energy (Tiers	J	CARE (Schedule DRLI) Determinants (kWh)	Current Rate (\$/kWh)	Proposed Rate (S/kWh)	Change in Price %	Price Elasticity of Demand (E _d) (dQ/Q)	Estimated Change in quantity %	Estimated Change in annual kWh (dP/P) x E _d x Q	Estimated New kWh Quantity
mer						(dP/P)			
	Tier 1	433,534,801	0.10051	0.12342	23%	0.00	4.56%	(19,765,936)	413,769,265
	Tier 2	73,848,095	0.11762	0.12342	5%	(0,20)	-0.99%	(728,348)	73,119,748
	Tier 3	98,315,652	0.17344	0.16322	-6%	(6.20)	1.18%	1,158,491	99,474,144
	Tier 4	94,883,848	0.17344	0.16322	-6%	(0.28)	1.18%	1,118,053	96,001,901
er	tier 1	500.461.047	0.10051	0.10223	2%		0.34%	(1,708,505)	498,752,542
	Tier 2	69,585,502	0.11762	0.10223	-13%	19.00	2.62%	1,821,671	71,407,173
	Tier 3	85,636,691	0.16204	0.13566	-16%	10.20)	3.26%	2,787,885	88,424,576
		63,549,330	0.16204	0.13566	-16%	0.000	3.26%	2,068,835	65,618,165
	Tier 4						Total	(13.247,454)	0.93%

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Fac Fac Fac	2 235,549,352	0.13444 0.12224 0.22663	8 15 No. 8 15 No. 0 10 No.	46 495 424		100	1 1.000 au	AGREEMENT JOS NO. CON SEL TON THE
-	154,540,640 6,195,258,618	6.6.61	0.7505	426	of Energ	v CARE	14(0).14 15(0).14	312707.00 0.60%
Fax	154,540,640 6,195,258,618	6.6.61		426	of Energy	y CARE	4.4202.646	94-95
Tak	Code (constitution of the code (constitution of the code (constitution of the code (code (SDG&E	2017 Price	Elasticity	Briga Elasterity all Britished (EL) (ME, PC)	Communications	Charge in wheat type	Addition of the second
rgy(Ters)	2 55.000.000 5.25.25.552 0.50.000 D04.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.000	SDG&E	2017 Price	Elasticity	Briga Elasterity all Britished (EL) (ME, PC)	Enterpolitisana Terpopolitis fi	Divige it	DESCRIPTION OF THE PARTY OF THE
ergy(Ders)	2 55.000.000 5.25.25.552 0.50.000 D04.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.00 05010.0000.000	SDG&E	2017 Price	Elasticity Despirelyse 8	Briga Elasterity all Britished (EL) (ME, PC)	Enterpolitisana Terpopolitis fi	Dagen smaller	Princer division of the Control of t

Barrier Will	100	24	314		in ther	- 7
total limit	3/3	118	247			
NAME OF TAXABLE PARTY.		110	H22			
Caracter Factors	19.0%	13.44				
Per Laur. GROLLET						
or the source						
lorent No. 15	696	00%				
	***	140				
Menur Tar K	226	70%				
Comer Burkello	61,907,162	184.814328	231.215,954			
Mago Tio Min	214,415,541	121.00-4-125	485,602,862			
WANTED DA	111 200 201		CONTRACT PARTIES			
200.000	201 attacks at a	and the state of t	escara appe parament care escarate			
it. Donne union		wiscour from Midn				
an annual state		mercus 450 800	ALL PARTY AND ADDRESS OF THE PARTY AND ADDRESS			
Sect	1346315-662	44.844.444	1,400,000 6 9 1,24	14	320204256	
Sar 2		5 134 500	269 242 232 34	100		
Sec. 2	452,471,691	29,956,765		115		
See 6	\$ 72,525,291	20.770.187	561 2 25 152 25	115		

Tar I	550,65000	48,510(41)	1.519/995/4063%	14	2,481,210,317	
Ser 2	200,418,305	3.249.042	221.540.302.29	la.		
	425 511 992	13,234,085		200		
lor-t		08.834.000	10 FALLEY 25	126		
100	5.545.252.281	10.4 (411)	AM # 4111237 17	71.0		
Ma	. Kalananian .					
Service Control						
No. 1	4 43 534 345	11 2 15 16 1	102 815 612 28	in	200 (03,692	
Jan 4		1,999,717	21.8 65,555 60	16		
The h	95 535 653	15 6 6 6 6 7	28.642.645.60	285		
Sec. 4.	5128129	18 6 14-790	26,842,949,66	14%		
100	100 110 110					
Mileter .						
Tar I	\$503Ex CD	52 6 53 29 2	607 010 956-00	14	216232330	
Ser 2	69.935.923	1 2 99,686	\$3,546,946.98	140		
Tar 1	45,531,291	14.248.996	16,175,764.26	224		
700	85,281,291 65,581,291	14,242,996	SULFICHER B	194		

2015–2017 kWh 7 kWh Change Total Tot

tal non-CARE annual kWh change over the three year period with SDG&E's current Baseline tal CARE annual kWh change over the three year period with SDG&E's current Baseline:

2015-2017 kWh Change	Total	Total Percent Change
46,235,601	5,566,762,291	0.83%
(40,351,397)	1,419,814,967	-2.84%
E 004 303	6.006.577.350	0.099/

Note: SDG&E is using its authorized sales from D.14:01:002. SDG&E did not apply its sales forecast to this response.

SDG&E 2015-2017 Price Elasticity of Energy - non CARE (TOU example)

Energy (Tiers)	Non-CARE (Schedule DR) Determinants	Current Rate	Proposed Rate	Change in Price	Price Elasticity of Demand (E _c)	Estimated Change in	Estimated Change in annual kWh	Estimated New
	(kWh)	(\$/kWh)	(S/kWh)	%	(dQ/Q) (dP/P)	quantity %	$(dP/P) \times E_p \times Q$	kWh Quantity
mmer								
On-peal	637,811,000	0.23190	0.27279	18%	(0.20)	-3.53%	(22,495,334)	660,306,335
5emi-peal	B21,684,442	0.23190	0.22758	-2%	16.20	0.37%	3,058,375	818,626,067
Off-peal	1,413,527,082	0.23190	0.19682	-15%	6.70)	3.03%	42,760,962	1,370,766,120
nter								
On peal	317,861,292	0.20372	0.21351	5%	10201	-0.96%	(3,054,943)	320,916,235
Semi-peal	985,908,755	0.20372	0.20196	-1%	(0.20)	0.17%	1,703,795	984,204,960
	1,389,969,720	0.20372	0.18594	-9%	(8.20)	1.75%	24,262,746	1,365,706,974
Off-peal	1,389,969,720							
Off-peal	1,389,969,720	0.20072	0.10534					

SDG&E 2015-2017 Price Elasticity of Energy CARE (TOU example)

Energy (Tiers)	CARE (Schedule DRLI) Determinants	Current Rate	Proposed Rate	Change in Price %	Price Elasticity of Demand (E _e)	Estimated Change in	Estimated Change in annual kWh	Estimated New
	(kWh)	(\$/kWh)	(\$/kWh)		(dQ/Q) (dP/P)	quantity %	(dP/P) x E _d x Q	kWh Quantity
mmer								
On peak	164,704,259	0.12243	0.19914	63%	(0.10)	~6.27%	(10,319,933)	154,384,326
5emi peak	201,385,120	0.12243	0.16613	36%	0.59	3.57%	(7,189,417)	194,195,702
Offrpeak	353,143,192	0.12243	0.14368	17%	(0.10)	1.74%	(6,130,030)	347,013,162
ter On-peak	79.866.393	0.11493	0.15586	36%	10.50	-3.56%	(2.844.444)	77.021.949
Semi-peak	258,514,905	0.11493	0.14743	28%	(6,20)	-2.83%	(7,310,498)	251,204,407
Off-peak	362,201,099	0.11493	0.13574	18%	(0.20)	71.81%	(6,557,075)	355,644,024
	1,419,814,967					Total	f40,351,3971	-2.84%