

ATTACHMENT C: RESIDENTIAL -- ILLUSTRATIVE NEM BILL IMPACTS
SAN DIEGO GAS AND ELECTRIC COMPANY
SUPPLEMENTAL FILING RULEMAKING 12-06-013 PHASE 1

SCENARIO 1B: NEM

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SCENARIO 1B: NEM

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND PROPOSED
(NEM CUSTOMERS - BASIC AND ALL ELECTRIC)
Schedules DR & DR-LI (Annual Billing Period)**

Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	Projected Year End 2015 (\$)	Proposed 2015 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	20.08	20.16	0.08	0.4%
25 to 50 kWh	684	2.5%	37	22.66	23.23	0.57	2.5%
50 to 75 kWh	743	2.7%	63	24.10	25.75	1.65	6.8%
75 to 100 kWh	773	2.8%	88	27.79	29.83	2.04	7.3%
100 to 150 kWh	1,694	6.1%	125	31.96	35.00	3.04	9.5%
150 to 200 kWh	1,916	6.9%	175	38.71	42.64	3.93	10.2%
200 to 250 kWh	1,950	7.0%	225	47.26	51.65	4.39	9.3%
250 to 300 kWh	1,930	7.0%	275	56.31	60.99	4.68	8.3%
300 to 350 kWh	1,946	7.0%	324	68.51	72.46	3.95	5.8%
350 to 400 kWh	1,596	5.8%	374	81.11	84.45	3.34	4.1%
400 to 450 kWh	1,497	5.4%	425	95.17	96.78	1.61	1.7%
450 to 500 kWh	1,389	5.0%	475	110.14	109.96	(0.18)	-0.2%
500 to 600 kWh	2,410	8.7%	549	135.98	131.28	(4.70)	-3.5%
600 to 700 kWh	1,969	7.1%	648	171.74	159.86	(11.88)	-6.9%
700 to 800 kWh	1,607	5.8%	748	206.94	187.46	(19.48)	-9.4%
800 to 900 kWh	1,232	4.5%	849	246.13	217.38	(28.75)	-11.7%
900 to 1000 kWh	957	3.5%	948	285.68	247.16	(38.52)	-13.5%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	316.07	(61.62)	-16.3%
1500 to 2000 kWh	432	1.6%	1,703	584.40	469.33	(115.07)	-19.7%
2000 to 3000 kWh	199	0.7%	2,352	845.56	661.87	(183.69)	-21.7%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,889.94	(980.91)	-25.3%
Total	27,683	100.0%	518	145.82	132.02	(13.80)	-9.5%

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SCENARIO 1B: NEM

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND PROPOSED
(NEM CUSTOMERS - BASIC AND ALL ELECTRIC)
Schedules DR & DR-LI (Annual Billing Period)**

Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	Proposed 2015 (\$)	Proposed 2016 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	20.16	21.58	1.42	7.0%
25 to 50 kWh	684	2.5%	37	23.23	24.78	1.55	6.7%
50 to 75 kWh	743	2.7%	63	25.75	27.53	1.78	6.9%
75 to 100 kWh	773	2.8%	88	29.83	31.67	1.84	6.2%
100 to 150 kWh	1,694	6.1%	125	35.00	37.05	2.05	5.9%
150 to 200 kWh	1,916	6.9%	175	42.64	44.86	2.22	5.2%
200 to 250 kWh	1,950	7.0%	225	51.65	53.94	2.29	4.4%
250 to 300 kWh	1,930	7.0%	275	60.99	63.32	2.33	3.8%
300 to 350 kWh	1,946	7.0%	324	72.46	74.56	2.10	2.9%
350 to 400 kWh	1,596	5.8%	374	84.45	86.27	1.82	2.2%
400 to 450 kWh	1,497	5.4%	425	96.78	98.12	1.34	1.4%
450 to 500 kWh	1,389	5.0%	475	109.96	110.74	0.78	0.7%
500 to 600 kWh	2,410	8.7%	549	131.28	130.93	(0.35)	-0.3%
600 to 700 kWh	1,969	7.1%	648	159.86	157.84	(2.02)	-1.3%
700 to 800 kWh	1,607	5.8%	748	187.46	183.82	(3.64)	-1.9%
800 to 900 kWh	1,232	4.5%	849	217.38	211.87	(5.51)	-2.5%
900 to 1000 kWh	957	3.5%	948	247.16	239.66	(7.50)	-3.0%
1000 to 1500 kWh	2,024	7.3%	1,184	316.07	304.06	(12.01)	-3.8%
1500 to 2000 kWh	432	1.6%	1,703	469.33	446.73	(22.60)	-4.8%
2000 to 3000 kWh	199	0.7%	2,352	661.87	625.52	(36.35)	-5.5%
>= 3000 kWh	83	0.3%	9,524	2,889.94	2,697.74	(192.20)	-6.7%
Total	27,683	100.0%	518	132.02	130.20	(1.82)	-1.4%

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SCENARIO 1B: NEM

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND PROPOSED
(NEM CUSTOMERS - BASIC AND ALL ELECTRIC)
Schedules DR & DR-LI (Annual Billing Period)**

Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	Proposed 2016 (\$)	Proposed 2017 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	21.58	22.96	1.38	6.4%
25 to 50 kWh	684	2.5%	37	24.78	26.27	1.49	6.0%
50 to 75 kWh	743	2.7%	63	27.53	29.22	1.69	6.1%
75 to 100 kWh	773	2.8%	88	31.67	33.40	1.73	5.5%
100 to 150 kWh	1,694	6.1%	125	37.05	38.94	1.89	5.1%
150 to 200 kWh	1,916	6.9%	175	44.86	46.87	2.01	4.5%
200 to 250 kWh	1,950	7.0%	225	53.94	56.00	2.06	3.8%
250 to 300 kWh	1,930	7.0%	275	63.32	65.39	2.07	3.3%
300 to 350 kWh	1,946	7.0%	324	74.56	76.40	1.84	2.5%
350 to 400 kWh	1,596	5.8%	374	86.27	87.85	1.58	1.8%
400 to 450 kWh	1,497	5.4%	425	98.12	99.28	1.16	1.2%
450 to 500 kWh	1,389	5.0%	475	110.74	111.42	0.68	0.6%
500 to 600 kWh	2,410	8.7%	549	130.93	130.63	(0.30)	-0.2%
600 to 700 kWh	1,969	7.1%	648	157.84	156.12	(1.72)	-1.1%
700 to 800 kWh	1,607	5.8%	748	183.82	180.76	(3.06)	-1.7%
800 to 900 kWh	1,232	4.5%	849	211.87	207.22	(4.65)	-2.2%
900 to 1000 kWh	957	3.5%	948	239.66	233.36	(6.30)	-2.6%
1000 to 1500 kWh	2,024	7.3%	1,184	304.06	294.00	(10.06)	-3.3%
1500 to 2000 kWh	432	1.6%	1,703	446.73	427.94	(18.79)	-4.2%
2000 to 3000 kWh	199	0.7%	2,352	625.52	595.49	(30.03)	-4.8%
>= 3000 kWh	83	0.3%	9,524	2,697.74	2,539.31	(158.43)	-5.9%
Total	27,683	100.0%	518	130.20	128.76	(1.45)	-1.1%

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**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND PROPOSED
(NEM CUSTOMERS - BASIC AND ALL ELECTRIC)
Schedules DR & DR-LI (Annual Billing Period)**

Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	Proposed 2017 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	22.96	23.37	0.41	1.8%
25 to 50 kWh	684	2.5%	37	26.27	26.73	0.46	1.8%
50 to 75 kWh	743	2.7%	63	29.22	29.78	0.56	1.9%
75 to 100 kWh	773	2.8%	88	33.40	34.01	0.61	1.8%
100 to 150 kWh	1,694	6.1%	125	38.94	39.66	0.72	1.8%
150 to 200 kWh	1,916	6.9%	175	46.87	47.73	0.86	1.8%
200 to 250 kWh	1,950	7.0%	225	56.00	56.97	0.97	1.7%
250 to 300 kWh	1,930	7.0%	275	65.39	66.45	1.06	1.6%
300 to 350 kWh	1,946	7.0%	324	76.40	77.39	0.99	1.3%
350 to 400 kWh	1,596	5.8%	374	87.85	88.75	0.90	1.0%
400 to 450 kWh	1,497	5.4%	425	99.28	99.92	0.64	0.6%
450 to 500 kWh	1,389	5.0%	475	111.42	111.79	0.37	0.3%
500 to 600 kWh	2,410	8.7%	549	130.63	130.37	(0.26)	-0.2%
600 to 700 kWh	1,969	7.1%	648	156.12	154.92	(1.20)	-0.8%
700 to 800 kWh	1,607	5.8%	748	180.76	178.57	(2.19)	-1.2%
800 to 900 kWh	1,232	4.5%	849	207.22	203.92	(3.30)	-1.6%
900 to 1000 kWh	957	3.5%	948	233.36	228.88	(4.48)	-1.9%
1000 to 1500 kWh	2,024	7.3%	1,184	294.00	286.75	(7.25)	-2.5%
1500 to 2000 kWh	432	1.6%	1,703	427.94	414.26	(13.68)	-3.2%
2000 to 3000 kWh	199	0.7%	2,352	595.49	573.33	(22.16)	-3.7%
>= 3000 kWh	83	0.3%	9,524	2,539.31	2,424.66	(114.65)	-4.5%
Total	27,683	100.0%	518	128.76	127.45	(1.31)	-1.0%

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**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND PROPOSED
(NEM CUSTOMERS - BASIC AND ALL ELECTRIC)
Schedules DR & DR-LI (Annual Billing Period)**

Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	8/1/2014 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	17.83	23.37	5.54	31.1%
25 to 50 kWh	684	2.5%	37	20.02	26.73	6.71	33.5%
50 to 75 kWh	743	2.7%	63	21.23	29.78	8.55	40.3%
75 to 100 kWh	773	2.8%	88	24.40	34.01	9.61	39.4%
100 to 150 kWh	1,694	6.1%	125	27.98	39.66	11.68	41.7%
150 to 200 kWh	1,916	6.9%	175	33.80	47.73	13.93	41.2%
200 to 250 kWh	1,950	7.0%	225	41.20	56.97	15.77	38.3%
250 to 300 kWh	1,930	7.0%	275	49.06	66.45	17.39	35.4%
300 to 350 kWh	1,946	7.0%	324	59.62	77.39	17.77	29.8%
350 to 400 kWh	1,596	5.8%	374	70.48	88.75	18.27	25.9%
400 to 450 kWh	1,497	5.4%	425	82.70	99.92	17.22	20.8%
450 to 500 kWh	1,389	5.0%	475	95.63	111.79	16.16	16.9%
500 to 600 kWh	2,410	8.7%	549	117.97	130.37	12.40	10.5%
600 to 700 kWh	1,969	7.1%	648	149.00	154.92	5.92	4.0%
700 to 800 kWh	1,607	5.8%	748	179.65	178.57	(1.08)	-0.6%
800 to 900 kWh	1,232	4.5%	849	213.76	203.92	(9.84)	-4.6%
900 to 1000 kWh	957	3.5%	948	248.17	228.88	(19.29)	-7.8%
1000 to 1500 kWh	2,024	7.3%	1,184	328.35	286.75	(41.60)	-12.7%
1500 to 2000 kWh	432	1.6%	1,703	508.53	414.26	(94.27)	-18.5%
2000 to 3000 kWh	199	0.7%	2,352	736.47	573.33	(163.14)	-22.2%
>= 3000 kWh	83	0.3%	9,524	3,377.23	2,424.66	(952.57)	-28.2%
Total	27,683	100.0%	518	126.82	127.45	0.63	0.5%

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Energy kWh	Number of Customers	% of Customers	Avg kWh for the Range	Projected Year End 2015 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	20.08	23.37	3.29	16.4%
25 to 50 kWh	684	2.5%	37	22.66	26.73	4.07	18.0%
50 to 75 kWh	743	2.7%	63	24.10	29.78	5.68	23.6%
75 to 100 kWh	773	2.8%	88	27.79	34.01	6.22	22.4%
100 to 150 kWh	1,694	6.1%	125	31.96	39.66	7.70	24.1%
150 to 200 kWh	1,916	6.9%	175	38.71	47.73	9.02	23.3%
200 to 250 kWh	1,950	7.0%	225	47.26	56.97	9.71	20.5%
250 to 300 kWh	1,930	7.0%	275	56.31	66.45	10.14	18.0%
300 to 350 kWh	1,946	7.0%	324	68.51	77.39	8.88	13.0%
350 to 400 kWh	1,596	5.8%	374	81.11	88.75	7.64	9.4%
400 to 450 kWh	1,497	5.4%	425	95.17	99.92	4.75	5.0%
450 to 500 kWh	1,389	5.0%	475	110.14	111.79	1.65	1.5%
500 to 600 kWh	2,410	8.7%	549	135.98	130.37	(5.61)	-4.1%
600 to 700 kWh	1,969	7.1%	648	171.74	154.92	(16.82)	-9.8%
700 to 800 kWh	1,607	5.8%	748	206.94	178.57	(28.37)	-13.7%
800 to 900 kWh	1,232	4.5%	849	246.13	203.92	(42.21)	-17.1%
900 to 1000 kWh	957	3.5%	948	285.68	228.88	(56.80)	-19.9%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	286.75	(90.94)	-24.1%
1500 to 2000 kWh	432	1.6%	1,703	584.40	414.26	(170.14)	-29.1%
2000 to 3000 kWh	199	0.7%	2,352	845.56	573.33	(272.23)	-32.2%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,424.66	(1,446.19)	-37.4%
Total	27,683	100.0%	518	145.82	127.45	(18.38)	-12.6%