

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

SCENARIO 5F: NEM

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**SCENARIO 5F: 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	23.99	3.91	19.5%
25 to 50 kWh	684	2.5%	37	22.66	27.28	4.62	20.4%
50 to 75 kWh	743	2.7%	63	24.10	30.47	6.37	26.4%
75 to 100 kWh	773	2.8%	88	27.79	35.92	8.13	29.3%
100 to 150 kWh	1,694	6.1%	125	31.96	40.41	8.45	26.4%
150 to 200 kWh	1,916	6.9%	175	38.71	48.69	9.98	25.8%
200 to 250 kWh	1,950	7.0%	225	47.26	58.41	11.15	23.6%
250 to 300 kWh	1,930	7.0%	275	56.31	68.19	11.88	21.1%
300 to 350 kWh	1,946	7.0%	324	68.51	79.43	10.92	15.9%
350 to 400 kWh	1,596	5.8%	374	81.11	91.09	9.98	12.3%
400 to 450 kWh	1,497	5.4%	425	95.17	102.22	7.05	7.4%
450 to 500 kWh	1,389	5.0%	475	110.14	113.81	3.67	3.3%
500 to 600 kWh	2,410	8.7%	549	135.98	132.04	(3.94)	-2.9%
600 to 700 kWh	1,969	7.1%	648	171.74	155.53	(16.21)	-9.4%
700 to 800 kWh	1,607	5.8%	748	206.94	177.88	(29.06)	-14.0%
800 to 900 kWh	1,232	4.5%	849	246.13	201.65	(44.48)	-18.1%
900 to 1000 kWh	957	3.5%	948	285.68	225.59	(60.09)	-21.0%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	279.58	(98.11)	-26.0%
1500 to 2000 kWh	432	1.6%	1,703	584.40	398.31	(186.09)	-31.8%
2000 to 3000 kWh	199	0.7%	2,352	845.56	546.06	(299.50)	-35.4%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,288.34	(1,582.51)	-40.9%
Total	27,683	100.0%	518	145.82	126.94	(18.88)	-12.9%

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(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	23.99	24.97	0.98	4.1%
25 to 50 kWh	684	2.5%	37	27.28	28.32	1.04	3.8%
50 to 75 kWh	743	2.7%	63	30.47	31.62	1.15	3.8%
75 to 100 kWh	773	2.8%	88	35.92	37.08	1.16	3.2%
100 to 150 kWh	1,694	6.1%	125	40.41	41.63	1.22	3.0%
150 to 200 kWh	1,916	6.9%	175	48.69	49.90	1.21	2.5%
200 to 250 kWh	1,950	7.0%	225	58.41	59.54	1.13	1.9%
250 to 300 kWh	1,930	7.0%	275	68.19	69.23	1.04	1.5%
300 to 350 kWh	1,946	7.0%	324	79.43	80.30	0.87	1.1%
350 to 400 kWh	1,596	5.8%	374	91.09	91.76	0.67	0.7%
400 to 450 kWh	1,497	5.4%	425	102.22	102.71	0.49	0.5%
450 to 500 kWh	1,389	5.0%	475	113.81	114.07	0.26	0.2%
500 to 600 kWh	2,410	8.7%	549	132.04	131.90	(0.14)	-0.1%
600 to 700 kWh	1,969	7.1%	648	155.53	154.90	(0.63)	-0.4%
700 to 800 kWh	1,607	5.8%	748	177.88	176.83	(1.05)	-0.6%
800 to 900 kWh	1,232	4.5%	849	201.65	200.09	(1.56)	-0.8%
900 to 1000 kWh	957	3.5%	948	225.59	223.53	(2.06)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	279.58	276.43	(3.15)	-1.1%
1500 to 2000 kWh	432	1.6%	1,703	398.31	392.75	(5.56)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	546.06	537.66	(8.40)	-1.5%
>= 3000 kWh	83	0.3%	9,524	2,288.34	2,243.30	(45.04)	-2.0%
Total	27,683	100.0%	518	126.94	126.73	(0.21)	-0.2%

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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 2016 (\$)	Proposed 2017 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	24.97	26.02	1.05	4.2%
25 to 50 kWh	684	2.5%	37	28.32	29.43	1.11	3.9%
50 to 75 kWh	743	2.7%	63	31.62	32.83	1.21	3.8%
75 to 100 kWh	773	2.8%	88	37.08	38.28	1.20	3.2%
100 to 150 kWh	1,694	6.1%	125	41.63	42.87	1.24	3.0%
150 to 200 kWh	1,916	6.9%	175	49.90	51.14	1.24	2.5%
200 to 250 kWh	1,950	7.0%	225	59.54	60.69	1.15	1.9%
250 to 300 kWh	1,930	7.0%	275	69.23	70.29	1.06	1.5%
300 to 350 kWh	1,946	7.0%	324	80.30	81.18	0.88	1.1%
350 to 400 kWh	1,596	5.8%	374	91.76	92.43	0.67	0.7%
400 to 450 kWh	1,497	5.4%	425	102.71	103.20	0.49	0.5%
450 to 500 kWh	1,389	5.0%	475	114.07	114.33	0.26	0.2%
500 to 600 kWh	2,410	8.7%	549	131.90	131.74	(0.16)	-0.1%
600 to 700 kWh	1,969	7.1%	648	154.90	154.27	(0.63)	-0.4%
700 to 800 kWh	1,607	5.8%	748	176.83	175.77	(1.06)	-0.6%
800 to 900 kWh	1,232	4.5%	849	200.09	198.52	(1.57)	-0.8%
900 to 1000 kWh	957	3.5%	948	223.53	221.46	(2.07)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	276.43	273.26	(3.17)	-1.1%
1500 to 2000 kWh	432	1.6%	1,703	392.75	387.17	(5.58)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	537.66	529.21	(8.45)	-1.6%
>= 3000 kWh	83	0.3%	9,524	2,243.30	2,198.08	(45.22)	-2.0%
Total	27,683	100.0%	518	126.73	126.53	(0.20)	-0.2%

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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	26.02	26.09	0.07	0.3%
25 to 50 kWh	684	2.5%	37	29.43	29.50	0.07	0.2%
50 to 75 kWh	743	2.7%	63	32.83	32.90	0.07	0.2%
75 to 100 kWh	773	2.8%	88	38.28	38.36	0.08	0.2%
100 to 150 kWh	1,694	6.1%	125	42.87	42.94	0.07	0.2%
150 to 200 kWh	1,916	6.9%	175	51.14	51.21	0.07	0.1%
200 to 250 kWh	1,950	7.0%	225	60.69	60.73	0.04	0.1%
250 to 300 kWh	1,930	7.0%	275	70.29	70.31	0.02	0.0%
300 to 350 kWh	1,946	7.0%	324	81.18	81.18	0.00	0.0%
350 to 400 kWh	1,596	5.8%	374	92.43	92.39	(0.04)	0.0%
400 to 450 kWh	1,497	5.4%	425	103.20	103.14	(0.06)	-0.1%
450 to 500 kWh	1,389	5.0%	475	114.33	114.24	(0.09)	-0.1%
500 to 600 kWh	2,410	8.7%	549	131.74	131.60	(0.14)	-0.1%
600 to 700 kWh	1,969	7.1%	648	154.27	154.06	(0.21)	-0.1%
700 to 800 kWh	1,607	5.8%	748	175.77	175.51	(0.26)	-0.1%
800 to 900 kWh	1,232	4.5%	849	198.52	198.19	(0.33)	-0.2%
900 to 1000 kWh	957	3.5%	948	221.46	221.06	(0.40)	-0.2%
1000 to 1500 kWh	2,024	7.3%	1,184	273.26	272.71	(0.55)	-0.2%
1500 to 2000 kWh	432	1.6%	1,703	387.17	386.29	(0.88)	-0.2%
2000 to 3000 kWh	199	0.7%	2,352	529.21	527.95	(1.26)	-0.2%
>= 3000 kWh	83	0.3%	9,524	2,198.08	2,191.98	(6.10)	-0.3%
Total	27,683	100.0%	518	126.53	126.39	(0.14)	-0.1%

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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	26.09	8.26	46.3%
25 to 50 kWh	684	2.5%	37	20.02	29.50	9.48	47.4%
50 to 75 kWh	743	2.7%	63	21.23	32.90	11.67	55.0%
75 to 100 kWh	773	2.8%	88	24.40	38.36	13.96	57.2%
100 to 150 kWh	1,694	6.1%	125	27.98	42.94	14.96	53.5%
150 to 200 kWh	1,916	6.9%	175	33.80	51.21	17.41	51.5%
200 to 250 kWh	1,950	7.0%	225	41.20	60.73	19.53	47.4%
250 to 300 kWh	1,930	7.0%	275	49.06	70.31	21.25	43.3%
300 to 350 kWh	1,946	7.0%	324	59.62	81.18	21.56	36.2%
350 to 400 kWh	1,596	5.8%	374	70.48	92.39	21.91	31.1%
400 to 450 kWh	1,497	5.4%	425	82.70	103.14	20.44	24.7%
450 to 500 kWh	1,389	5.0%	475	95.63	114.24	18.61	19.5%
500 to 600 kWh	2,410	8.7%	549	117.97	131.60	13.63	11.6%
600 to 700 kWh	1,969	7.1%	648	149.00	154.06	5.06	3.4%
700 to 800 kWh	1,607	5.8%	748	179.65	175.51	(4.14)	-2.3%
800 to 900 kWh	1,232	4.5%	849	213.76	198.19	(15.57)	-7.3%
900 to 1000 kWh	957	3.5%	948	248.17	221.06	(27.11)	-10.9%
1000 to 1500 kWh	2,024	7.3%	1,184	328.35	272.71	(55.64)	-16.9%
1500 to 2000 kWh	432	1.6%	1,703	508.53	386.29	(122.24)	-24.0%
2000 to 3000 kWh	199	0.7%	2,352	736.47	527.95	(208.52)	-28.3%
>= 3000 kWh	83	0.3%	9,524	3,377.23	2,191.98	(1,185.25)	-35.1%
Total	27,683	100.0%	518	126.82	126.39	(0.42)	-0.3%

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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	26.09	6.01	29.9%
25 to 50 kWh	684	2.5%	37	22.66	29.50	6.84	30.2%
50 to 75 kWh	743	2.7%	63	24.10	32.90	8.80	36.5%
75 to 100 kWh	773	2.8%	88	27.79	38.36	10.57	38.0%
100 to 150 kWh	1,694	6.1%	125	31.96	42.94	10.98	34.4%
150 to 200 kWh	1,916	6.9%	175	38.71	51.21	12.50	32.3%
200 to 250 kWh	1,950	7.0%	225	47.26	60.73	13.47	28.5%
250 to 300 kWh	1,930	7.0%	275	56.31	70.31	14.00	24.9%
300 to 350 kWh	1,946	7.0%	324	68.51	81.18	12.67	18.5%
350 to 400 kWh	1,596	5.8%	374	81.11	92.39	11.28	13.9%
400 to 450 kWh	1,497	5.4%	425	95.17	103.14	7.97	8.4%
450 to 500 kWh	1,389	5.0%	475	110.14	114.24	4.10	3.7%
500 to 600 kWh	2,410	8.7%	549	135.98	131.60	(4.38)	-3.2%
600 to 700 kWh	1,969	7.1%	648	171.74	154.06	(17.68)	-10.3%
700 to 800 kWh	1,607	5.8%	748	206.94	175.51	(31.43)	-15.2%
800 to 900 kWh	1,232	4.5%	849	246.13	198.19	(47.94)	-19.5%
900 to 1000 kWh	957	3.5%	948	285.68	221.06	(64.62)	-22.6%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	272.71	(104.98)	-27.8%
1500 to 2000 kWh	432	1.6%	1,703	584.40	386.29	(198.11)	-33.9%
2000 to 3000 kWh	199	0.7%	2,352	845.56	527.95	(317.61)	-37.6%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,191.98	(1,678.87)	-43.4%
Total	27,683	100.0%	518	145.82	126.39	(19.43)	-13.3%