

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

SCENARIO 5B: NEM

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**SCENARIO 5B: 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	20.63	0.55	2.7%
25 to 50 kWh	684	2.5%	37	22.66	23.72	1.06	4.7%
50 to 75 kWh	743	2.7%	63	24.10	26.29	2.19	9.1%
75 to 100 kWh	773	2.8%	88	27.79	31.05	3.26	11.7%
100 to 150 kWh	1,694	6.1%	125	31.96	35.97	4.01	12.5%
150 to 200 kWh	1,916	6.9%	175	38.71	44.05	5.34	13.8%
200 to 250 kWh	1,950	7.0%	225	47.26	53.58	6.32	13.4%
250 to 300 kWh	1,930	7.0%	275	56.31	63.39	7.08	12.6%
300 to 350 kWh	1,946	7.0%	324	68.51	74.39	5.88	8.6%
350 to 400 kWh	1,596	5.8%	374	81.11	86.06	4.95	6.1%
400 to 450 kWh	1,497	5.4%	425	95.17	97.29	2.12	2.2%
450 to 500 kWh	1,389	5.0%	475	110.14	109.20	(0.94)	-0.9%
500 to 600 kWh	2,410	8.7%	549	135.98	127.53	(8.45)	-6.2%
600 to 700 kWh	1,969	7.1%	648	171.74	151.63	(20.11)	-11.7%
700 to 800 kWh	1,607	5.8%	748	206.94	174.62	(32.32)	-15.6%
800 to 900 kWh	1,232	4.5%	849	246.13	199.21	(46.92)	-19.1%
900 to 1000 kWh	957	3.5%	948	285.68	223.13	(62.55)	-21.9%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	277.33	(100.36)	-26.6%
1500 to 2000 kWh	432	1.6%	1,703	584.40	396.35	(188.05)	-32.2%
2000 to 3000 kWh	199	0.7%	2,352	845.56	542.85	(302.71)	-35.8%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,243.91	(1,626.94)	-42.0%
Total	27,683	100.0%	518	145.82	122.71	(23.11)	-15.8%

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**SCENARIO 5B: 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	20.63	21.43	0.80	3.9%
25 to 50 kWh	684	2.5%	37	23.72	24.58	0.86	3.6%
50 to 75 kWh	743	2.7%	63	26.29	27.26	0.97	3.7%
75 to 100 kWh	773	2.8%	88	31.05	32.04	0.99	3.2%
100 to 150 kWh	1,694	6.1%	125	35.97	37.04	1.07	3.0%
150 to 200 kWh	1,916	6.9%	175	44.05	45.14	1.09	2.5%
200 to 250 kWh	1,950	7.0%	225	53.58	54.62	1.04	1.9%
250 to 300 kWh	1,930	7.0%	275	63.39	64.36	0.97	1.5%
300 to 350 kWh	1,946	7.0%	324	74.39	75.20	0.81	1.1%
350 to 400 kWh	1,596	5.8%	374	86.06	86.67	0.61	0.7%
400 to 450 kWh	1,497	5.4%	425	97.29	97.74	0.45	0.5%
450 to 500 kWh	1,389	5.0%	475	109.20	109.42	0.22	0.2%
500 to 600 kWh	2,410	8.7%	549	127.53	127.36	(0.17)	-0.1%
600 to 700 kWh	1,969	7.1%	648	151.63	150.98	(0.65)	-0.4%
700 to 800 kWh	1,607	5.8%	748	174.62	173.56	(1.06)	-0.6%
800 to 900 kWh	1,232	4.5%	849	199.21	197.64	(1.57)	-0.8%
900 to 1000 kWh	957	3.5%	948	223.13	221.07	(2.06)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	277.33	274.18	(3.15)	-1.1%
1500 to 2000 kWh	432	1.6%	1,703	396.35	390.79	(5.56)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	542.85	534.44	(8.41)	-1.5%
>= 3000 kWh	83	0.3%	9,524	2,243.91	2,198.87	(45.04)	-2.0%
Total	27,683	100.0%	518	122.71	122.44	(0.27)	-0.2%

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**SCENARIO 5B: 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	21.43	22.29	0.86	4.0%
25 to 50 kWh	684	2.5%	37	24.58	25.50	0.92	3.7%
50 to 75 kWh	743	2.7%	63	27.26	28.28	1.02	3.7%
75 to 100 kWh	773	2.8%	88	32.04	33.08	1.04	3.2%
100 to 150 kWh	1,694	6.1%	125	37.04	38.15	1.11	3.0%
150 to 200 kWh	1,916	6.9%	175	45.14	46.26	1.12	2.5%
200 to 250 kWh	1,950	7.0%	225	54.62	55.68	1.06	1.9%
250 to 300 kWh	1,930	7.0%	275	64.36	65.34	0.98	1.5%
300 to 350 kWh	1,946	7.0%	324	75.20	76.02	0.82	1.1%
350 to 400 kWh	1,596	5.8%	374	86.67	87.29	0.62	0.7%
400 to 450 kWh	1,497	5.4%	425	97.74	98.18	0.44	0.5%
450 to 500 kWh	1,389	5.0%	475	109.42	109.65	0.23	0.2%
500 to 600 kWh	2,410	8.7%	549	127.36	127.17	(0.19)	-0.1%
600 to 700 kWh	1,969	7.1%	648	150.98	150.32	(0.66)	-0.4%
700 to 800 kWh	1,607	5.8%	748	173.56	172.48	(1.08)	-0.6%
800 to 900 kWh	1,232	4.5%	849	197.64	196.05	(1.59)	-0.8%
900 to 1000 kWh	957	3.5%	948	221.07	218.98	(2.09)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	274.18	270.99	(3.19)	-1.2%
1500 to 2000 kWh	432	1.6%	1,703	390.79	385.20	(5.59)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	534.44	525.99	(8.45)	-1.6%
>= 3000 kWh	83	0.3%	9,524	2,198.87	2,153.64	(45.23)	-2.1%
Total	27,683	100.0%	518	122.44	122.17	(0.27)	-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 2017 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	22.29	22.34	0.05	0.2%
25 to 50 kWh	684	2.5%	37	25.50	25.55	0.05	0.2%
50 to 75 kWh	743	2.7%	63	28.28	28.34	0.06	0.2%
75 to 100 kWh	773	2.8%	88	33.08	33.13	0.05	0.2%
100 to 150 kWh	1,694	6.1%	125	38.15	38.21	0.06	0.2%
150 to 200 kWh	1,916	6.9%	175	46.26	46.31	0.05	0.1%
200 to 250 kWh	1,950	7.0%	225	55.68	55.71	0.03	0.1%
250 to 300 kWh	1,930	7.0%	275	65.34	65.36	0.02	0.0%
300 to 350 kWh	1,946	7.0%	324	76.02	76.01	(0.01)	0.0%
350 to 400 kWh	1,596	5.8%	374	87.29	87.26	(0.03)	0.0%
400 to 450 kWh	1,497	5.4%	425	98.18	98.12	(0.06)	-0.1%
450 to 500 kWh	1,389	5.0%	475	109.65	109.55	(0.10)	-0.1%
500 to 600 kWh	2,410	8.7%	549	127.17	127.03	(0.14)	-0.1%
600 to 700 kWh	1,969	7.1%	648	150.32	150.11	(0.21)	-0.1%
700 to 800 kWh	1,607	5.8%	748	172.48	172.22	(0.26)	-0.2%
800 to 900 kWh	1,232	4.5%	849	196.05	195.71	(0.34)	-0.2%
900 to 1000 kWh	957	3.5%	948	218.98	218.58	(0.40)	-0.2%
1000 to 1500 kWh	2,024	7.3%	1,184	270.99	270.45	(0.54)	-0.2%
1500 to 2000 kWh	432	1.6%	1,703	385.20	384.33	(0.87)	-0.2%
2000 to 3000 kWh	199	0.7%	2,352	525.99	524.72	(1.27)	-0.2%
>= 3000 kWh	83	0.3%	9,524	2,153.64	2,147.55	(6.09)	-0.3%
Total	27,683	100.0%	518	122.17	122.03	(0.15)	-0.1%

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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	8/1/2014 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	17.83	22.34	4.51	25.3%
25 to 50 kWh	684	2.5%	37	20.02	25.55	5.53	27.6%
50 to 75 kWh	743	2.7%	63	21.23	28.34	7.11	33.5%
75 to 100 kWh	773	2.8%	88	24.40	33.13	8.73	35.8%
100 to 150 kWh	1,694	6.1%	125	27.98	38.21	10.23	36.6%
150 to 200 kWh	1,916	6.9%	175	33.80	46.31	12.51	37.0%
200 to 250 kWh	1,950	7.0%	225	41.20	55.71	14.51	35.2%
250 to 300 kWh	1,930	7.0%	275	49.06	65.36	16.30	33.2%
300 to 350 kWh	1,946	7.0%	324	59.62	76.01	16.39	27.5%
350 to 400 kWh	1,596	5.8%	374	70.48	87.26	16.78	23.8%
400 to 450 kWh	1,497	5.4%	425	82.70	98.12	15.42	18.6%
450 to 500 kWh	1,389	5.0%	475	95.63	109.55	13.92	14.6%
500 to 600 kWh	2,410	8.7%	549	117.97	127.03	9.06	7.7%
600 to 700 kWh	1,969	7.1%	648	149.00	150.11	1.11	0.7%
700 to 800 kWh	1,607	5.8%	748	179.65	172.22	(7.43)	-4.1%
800 to 900 kWh	1,232	4.5%	849	213.76	195.71	(18.05)	-8.4%
900 to 1000 kWh	957	3.5%	948	248.17	218.58	(29.59)	-11.9%
1000 to 1500 kWh	2,024	7.3%	1,184	328.35	270.45	(57.90)	-17.6%
1500 to 2000 kWh	432	1.6%	1,703	508.53	384.33	(124.20)	-24.4%
2000 to 3000 kWh	199	0.7%	2,352	736.47	524.72	(211.75)	-28.8%
>= 3000 kWh	83	0.3%	9,524	3,377.23	2,147.55	(1,229.68)	-36.4%
Total	27,683	100.0%	518	126.82	122.03	(4.79)	-3.8%

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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	22.34	2.26	11.3%
25 to 50 kWh	684	2.5%	37	22.66	25.55	2.89	12.8%
50 to 75 kWh	743	2.7%	63	24.10	28.34	4.24	17.6%
75 to 100 kWh	773	2.8%	88	27.79	33.13	5.34	19.2%
100 to 150 kWh	1,694	6.1%	125	31.96	38.21	6.25	19.6%
150 to 200 kWh	1,916	6.9%	175	38.71	46.31	7.60	19.6%
200 to 250 kWh	1,950	7.0%	225	47.26	55.71	8.45	17.9%
250 to 300 kWh	1,930	7.0%	275	56.31	65.36	9.05	16.1%
300 to 350 kWh	1,946	7.0%	324	68.51	76.01	7.50	10.9%
350 to 400 kWh	1,596	5.8%	374	81.11	87.26	6.15	7.6%
400 to 450 kWh	1,497	5.4%	425	95.17	98.12	2.95	3.1%
450 to 500 kWh	1,389	5.0%	475	110.14	109.55	(0.59)	-0.5%
500 to 600 kWh	2,410	8.7%	549	135.98	127.03	(8.95)	-6.6%
600 to 700 kWh	1,969	7.1%	648	171.74	150.11	(21.63)	-12.6%
700 to 800 kWh	1,607	5.8%	748	206.94	172.22	(34.72)	-16.8%
800 to 900 kWh	1,232	4.5%	849	246.13	195.71	(50.42)	-20.5%
900 to 1000 kWh	957	3.5%	948	285.68	218.58	(67.10)	-23.5%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	270.45	(107.24)	-28.4%
1500 to 2000 kWh	432	1.6%	1,703	584.40	384.33	(200.07)	-34.2%
2000 to 3000 kWh	199	0.7%	2,352	845.56	524.72	(320.84)	-37.9%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,147.55	(1,723.30)	-44.5%
Total	27,683	100.0%	518	145.82	122.03	(23.80)	-16.3%