

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

SCENARIO 5D: NEM

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SCENARIO 5D: 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	22.52	2.44	12.2%
25 to 50 kWh	684	2.5%	37	22.66	25.84	3.18	14.0%
50 to 75 kWh	743	2.7%	63	24.10	28.91	4.81	20.0%
75 to 100 kWh	773	2.8%	88	27.79	33.49	5.70	20.5%
100 to 150 kWh	1,694	6.1%	125	31.96	39.01	7.05	22.1%
150 to 200 kWh	1,916	6.9%	175	38.71	47.40	8.69	22.4%
200 to 250 kWh	1,950	7.0%	225	47.26	57.10	9.84	20.8%
250 to 300 kWh	1,930	7.0%	275	56.31	66.98	10.67	18.9%
300 to 350 kWh	1,946	7.0%	324	68.51	78.20	9.69	14.1%
350 to 400 kWh	1,596	5.8%	374	81.11	89.86	8.75	10.8%
400 to 450 kWh	1,497	5.4%	425	95.17	100.93	5.76	6.1%
450 to 500 kWh	1,389	5.0%	475	110.14	112.70	2.56	2.3%
500 to 600 kWh	2,410	8.7%	549	135.98	130.92	(5.06)	-3.7%
600 to 700 kWh	1,969	7.1%	648	171.74	154.56	(17.18)	-10.0%
700 to 800 kWh	1,607	5.8%	748	206.94	177.01	(29.93)	-14.5%
800 to 900 kWh	1,232	4.5%	849	246.13	201.04	(45.09)	-18.3%
900 to 1000 kWh	957	3.5%	948	285.68	224.73	(60.95)	-21.3%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	279.03	(98.66)	-26.1%
1500 to 2000 kWh	432	1.6%	1,703	584.40	398.28	(186.12)	-31.8%
2000 to 3000 kWh	199	0.7%	2,352	845.56	546.09	(299.47)	-35.4%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,286.31	(1,584.54)	-40.9%
Total	27,683	100.0%	518	145.82	125.81	(20.02)	-13.7%

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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 2015 (\$)	Proposed 2016 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	22.52	23.46	0.94	4.2%
25 to 50 kWh	684	2.5%	37	25.84	26.85	1.01	3.9%
50 to 75 kWh	743	2.7%	63	28.91	30.04	1.13	3.9%
75 to 100 kWh	773	2.8%	88	33.49	34.63	1.14	3.4%
100 to 150 kWh	1,694	6.1%	125	39.01	40.20	1.19	3.1%
150 to 200 kWh	1,916	6.9%	175	47.40	48.60	1.20	2.5%
200 to 250 kWh	1,950	7.0%	225	57.10	58.22	1.12	2.0%
250 to 300 kWh	1,930	7.0%	275	66.98	68.02	1.04	1.6%
300 to 350 kWh	1,946	7.0%	324	78.20	79.06	0.86	1.1%
350 to 400 kWh	1,596	5.8%	374	89.86	90.52	0.66	0.7%
400 to 450 kWh	1,497	5.4%	425	100.93	101.41	0.48	0.5%
450 to 500 kWh	1,389	5.0%	475	112.70	112.96	0.26	0.2%
500 to 600 kWh	2,410	8.7%	549	130.92	130.77	(0.15)	-0.1%
600 to 700 kWh	1,969	7.1%	648	154.56	153.93	(0.63)	-0.4%
700 to 800 kWh	1,607	5.8%	748	177.01	175.96	(1.05)	-0.6%
800 to 900 kWh	1,232	4.5%	849	201.04	199.48	(1.56)	-0.8%
900 to 1000 kWh	957	3.5%	948	224.73	222.67	(2.06)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	279.03	275.88	(3.15)	-1.1%
1500 to 2000 kWh	432	1.6%	1,703	398.28	392.72	(5.56)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	546.09	537.68	(8.41)	-1.5%
>= 3000 kWh	83	0.3%	9,524	2,286.31	2,241.28	(45.03)	-2.0%
Total	27,683	100.0%	518	125.81	125.59	(0.22)	-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	23.46	24.48	1.02	4.3%
25 to 50 kWh	684	2.5%	37	26.85	27.92	1.07	4.0%
50 to 75 kWh	743	2.7%	63	30.04	31.22	1.18	3.9%
75 to 100 kWh	773	2.8%	88	34.63	35.81	1.18	3.4%
100 to 150 kWh	1,694	6.1%	125	40.20	41.43	1.23	3.1%
150 to 200 kWh	1,916	6.9%	175	48.60	49.83	1.23	2.5%
200 to 250 kWh	1,950	7.0%	225	58.22	59.37	1.15	2.0%
250 to 300 kWh	1,930	7.0%	275	68.02	69.07	1.05	1.5%
300 to 350 kWh	1,946	7.0%	324	79.06	79.93	0.87	1.1%
350 to 400 kWh	1,596	5.8%	374	90.52	91.18	0.66	0.7%
400 to 450 kWh	1,497	5.4%	425	101.41	101.89	0.48	0.5%
450 to 500 kWh	1,389	5.0%	475	112.96	113.21	0.25	0.2%
500 to 600 kWh	2,410	8.7%	549	130.77	130.61	(0.16)	-0.1%
600 to 700 kWh	1,969	7.1%	648	153.93	153.29	(0.64)	-0.4%
700 to 800 kWh	1,607	5.8%	748	175.96	174.90	(1.06)	-0.6%
800 to 900 kWh	1,232	4.5%	849	199.48	197.91	(1.57)	-0.8%
900 to 1000 kWh	957	3.5%	948	222.67	220.60	(2.07)	-0.9%
1000 to 1500 kWh	2,024	7.3%	1,184	275.88	272.71	(3.17)	-1.1%
1500 to 2000 kWh	432	1.6%	1,703	392.72	387.14	(5.58)	-1.4%
2000 to 3000 kWh	199	0.7%	2,352	537.68	529.24	(8.44)	-1.6%
>= 3000 kWh	83	0.3%	9,524	2,241.28	2,196.08	(45.20)	-2.0%
Total	27,683	100.0%	518	125.59	125.38	(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 2017 (\$)	Proposed 2018 (\$)	CHANGE (\$)	CHANGE (%)
0 to 25 kWh	652	2.4%	12	24.48	24.54	0.06	0.2%
25 to 50 kWh	684	2.5%	37	27.92	27.99	0.07	0.3%
50 to 75 kWh	743	2.7%	63	31.22	31.30	0.08	0.3%
75 to 100 kWh	773	2.8%	88	35.81	35.88	0.07	0.2%
100 to 150 kWh	1,694	6.1%	125	41.43	41.50	0.07	0.2%
150 to 200 kWh	1,916	6.9%	175	49.83	49.89	0.06	0.1%
200 to 250 kWh	1,950	7.0%	225	59.37	59.41	0.04	0.1%
250 to 300 kWh	1,930	7.0%	275	69.07	69.09	0.02	0.0%
300 to 350 kWh	1,946	7.0%	324	79.93	79.93	0.00	0.0%
350 to 400 kWh	1,596	5.8%	374	91.18	91.15	(0.03)	0.0%
400 to 450 kWh	1,497	5.4%	425	101.89	101.83	(0.06)	-0.1%
450 to 500 kWh	1,389	5.0%	475	113.21	113.12	(0.09)	-0.1%
500 to 600 kWh	2,410	8.7%	549	130.61	130.47	(0.14)	-0.1%
600 to 700 kWh	1,969	7.1%	648	153.29	153.08	(0.21)	-0.1%
700 to 800 kWh	1,607	5.8%	748	174.90	174.63	(0.27)	-0.2%
800 to 900 kWh	1,232	4.5%	849	197.91	197.58	(0.33)	-0.2%
900 to 1000 kWh	957	3.5%	948	220.60	220.20	(0.40)	-0.2%
1000 to 1500 kWh	2,024	7.3%	1,184	272.71	272.16	(0.55)	-0.2%
1500 to 2000 kWh	432	1.6%	1,703	387.14	386.26	(0.88)	-0.2%
2000 to 3000 kWh	199	0.7%	2,352	529.24	527.97	(1.27)	-0.2%
>= 3000 kWh	83	0.3%	9,524	2,196.08	2,189.98	(6.10)	-0.3%
Total	27,683	100.0%	518	125.38	125.24	(0.14)	-0.1%

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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	24.54	6.71	37.6%
25 to 50 kWh	684	2.5%	37	20.02	27.99	7.97	39.8%
50 to 75 kWh	743	2.7%	63	21.23	31.30	10.07	47.4%
75 to 100 kWh	773	2.8%	88	24.40	35.88	11.48	47.0%
100 to 150 kWh	1,694	6.1%	125	27.98	41.50	13.52	48.3%
150 to 200 kWh	1,916	6.9%	175	33.80	49.89	16.09	47.6%
200 to 250 kWh	1,950	7.0%	225	41.20	59.41	18.21	44.2%
250 to 300 kWh	1,930	7.0%	275	49.06	69.09	20.03	40.8%
300 to 350 kWh	1,946	7.0%	324	59.62	79.93	20.31	34.1%
350 to 400 kWh	1,596	5.8%	374	70.48	91.15	20.67	29.3%
400 to 450 kWh	1,497	5.4%	425	82.70	101.83	19.13	23.1%
450 to 500 kWh	1,389	5.0%	475	95.63	113.12	17.49	18.3%
500 to 600 kWh	2,410	8.7%	549	117.97	130.47	12.50	10.6%
600 to 700 kWh	1,969	7.1%	648	149.00	153.08	4.08	2.7%
700 to 800 kWh	1,607	5.8%	748	179.65	174.63	(5.02)	-2.8%
800 to 900 kWh	1,232	4.5%	849	213.76	197.58	(16.18)	-7.6%
900 to 1000 kWh	957	3.5%	948	248.17	220.20	(27.97)	-11.3%
1000 to 1500 kWh	2,024	7.3%	1,184	328.35	272.16	(56.19)	-17.1%
1500 to 2000 kWh	432	1.6%	1,703	508.53	386.26	(122.27)	-24.0%
2000 to 3000 kWh	199	0.7%	2,352	736.47	527.97	(208.50)	-28.3%
>= 3000 kWh	83	0.3%	9,524	3,377.23	2,189.98	(1,187.25)	-35.2%
Total	27,683	100.0%	518	126.82	125.24	(1.58)	-1.2%

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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	24.54	4.46	22.2%
25 to 50 kWh	684	2.5%	37	22.66	27.99	5.33	23.5%
50 to 75 kWh	743	2.7%	63	24.10	31.30	7.20	29.9%
75 to 100 kWh	773	2.8%	88	27.79	35.88	8.09	29.1%
100 to 150 kWh	1,694	6.1%	125	31.96	41.50	9.54	29.8%
150 to 200 kWh	1,916	6.9%	175	38.71	49.89	11.18	28.9%
200 to 250 kWh	1,950	7.0%	225	47.26	59.41	12.15	25.7%
250 to 300 kWh	1,930	7.0%	275	56.31	69.09	12.78	22.7%
300 to 350 kWh	1,946	7.0%	324	68.51	79.93	11.42	16.7%
350 to 400 kWh	1,596	5.8%	374	81.11	91.15	10.04	12.4%
400 to 450 kWh	1,497	5.4%	425	95.17	101.83	6.66	7.0%
450 to 500 kWh	1,389	5.0%	475	110.14	113.12	2.98	2.7%
500 to 600 kWh	2,410	8.7%	549	135.98	130.47	(5.51)	-4.1%
600 to 700 kWh	1,969	7.1%	648	171.74	153.08	(18.66)	-10.9%
700 to 800 kWh	1,607	5.8%	748	206.94	174.63	(32.31)	-15.6%
800 to 900 kWh	1,232	4.5%	849	246.13	197.58	(48.55)	-19.7%
900 to 1000 kWh	957	3.5%	948	285.68	220.20	(65.48)	-22.9%
1000 to 1500 kWh	2,024	7.3%	1,184	377.69	272.16	(105.53)	-27.9%
1500 to 2000 kWh	432	1.6%	1,703	584.40	386.26	(198.14)	-33.9%
2000 to 3000 kWh	199	0.7%	2,352	845.56	527.97	(317.59)	-37.6%
>= 3000 kWh	83	0.3%	9,524	3,870.85	2,189.98	(1,680.87)	-43.4%
Total	27,683	100.0%	518	145.82	125.24	(20.59)	-14.1%