

2026 CALIFORNIA GAS REPORT WORKPAPERS



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FORECAST OF REQUIREMENTS
AVERAGE TEMPERATURE YEAR SUMMARY

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED YEARS 2026 THRU 2030

AVERAGE TEMPERATURE YEAR

LINE		2026	2027	2028	2029	2030	LINE
CAPACITY AVAILABLE ^{1/ & 2/}							
1	California Source Gas	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	3
GAS SUPPLY TAKEN							
4	California Source Gas	0	0	0	0	0	4
5	Southern Zone of SoCalGas	251	248	242	239	233	5
6	TOTAL SUPPLY TAKEN	251	248	242	239	233	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	7
8	TOTAL THROUGHPUT	251	248	242	239	233	8
REQUIREMENTS FORECAST BY END-USE ^{3/}							
9	CORE ^{4/} Residential	73	72	71	70	69	9
10	Commercial	42	41	40	39	39	10
11	Industrial	4	4	4	4	4	11
12	NGV	8	8	8	8	8	12
13	Subtotal-CORE	127	125	123	121	120	13
14	NONCORE Commercial	7	7	7	7	7	14
15	Industrial	7	7	6	6	6	15
16	Electric Generation (EG)	108	107	104	102	98	16
17	Subtotal-NONCORE	121	120	117	115	111	17
18	Co. Use & LUAF	3	3	2	2	2	18
19	SYSTEM TOTAL THROUGHPUT	251	248	242	239	233	19
TRANSPORTATION AND EXCHANGE							
20	CORE All End Uses	14	14	13	13	13	20
21	NONCORE Commercial/Industrial	13	13	13	13	13	21
22	Electric Generation (EG)	108	107	104	102	98	22
23	TOTAL TRANSPORTATION & EXCHANGE	135	134	130	128	124	23
CURTAILMENT							
24	Core	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 115 114 112 110 109

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED YEARS 2031 THRU 2040

AVERAGE TEMPERATURE YEAR

LINE		2031	2032	2033	2035	2040	LINE
CAPACITY AVAILABLE ^{1/ & 2/}							
1	California Source Gas	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	3
GAS SUPPLY TAKEN							
4	California Source Gas	0	0	0	0	0	4
5	Southern Zone of SoCalGas	228	220	215	201	203	5
6	TOTAL SUPPLY TAKEN	228	220	215	201	203	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	7
8	TOTAL THROUGHPUT	228	220	215	201	203	8
REQUIREMENTS FORECAST BY END-USE ^{3/}							
9	CORE ^{4/} Residential	69	68	67	66	66	9
10	Commercial	38	37	37	36	36	10
11	Industrial	4	4	4	4	4	11
12	NGV	8	8	8	8	8	12
13	Subtotal-CORE	119	117	117	114	114	13
14	NONCORE Commercial	6	6	6	6	6	14
15	Industrial	6	6	6	6	6	15
16	Electric Generation (EG)	94	88	84	73	75	16
17	Subtotal-NONCORE	107	100	96	85	87	17
18	Co. Use & LUAF	2	2	2	2	2	18
19	SYSTEM TOTAL THROUGHPUT	228	220	215	201	203	19
TRANSPORTATION AND EXCHANGE							
20	CORE All End Uses	13	13	13	13	13	20
21	NONCORE Commercial/Industrial	13	12	12	12	12	21
22	Electric Generation (EG)	94	88	84	73	75	22
23	TOTAL TRANSPORTATION & EXCHANGE	120	113	109	97	100	23
CURTAILMENT							
24	Core	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 108 106 106 104 103

FORECAST OF REQUIREMENTS
AVERAGE TEMPERATURE YEAR DETAIL

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2026

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	328	267	261	227	204	220	263	261	241	202	212	326	251	5
6	TOTAL SUPPLY TAKEN	328	267	261	227	204	220	263	261	241	202	212	326	251	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	328	267	261	227	204	220	263	261	241	202	212	326	251	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	116	100	97	73	60	56	51	46	43	53	63	116	73	9
11	Commercial	54	45	51	43	38	43	35	33	31	38	40	54	42	10
12	Industrial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	Subtotal-CORE	183	158	161	129	110	111	98	91	86	103	115	183	127	13
14	NONCORE														
15	Commercial	8	8	7	7	6	6	5	6	6	7	7	8	7	14
16	Industrial	7	7	7	7	7	7	6	7	6	7	6	6	7	15
17	Electric Generation (EG)	127	92	83	81	80	95	151	155	141	84	81	126	108	16
17	Subtotal-NONCORE	142	106	98	96	93	108	162	168	153	97	94	139	121	17
18	Co. Use & LUAF	3	3	3	2	2	2	3	3	2	2	2	3	3	18
19	SYSTEM TOTAL THROUGHPUT	328	267	261	227	204	220	263	261	241	202	212	326	251	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	15	16	14	13	14	12	12	11	13	13	17	14	20
21	NONCORE Commercial/Industrial	14	14	14	14	13	13	11	12	12	13	13	14	13	21
22	Electric Generation (EG)	127	92	83	81	80	95	151	155	141	84	81	126	108	22
23	TOTAL TRANSPORTATION & EXCHANGE	159	121	114	110	106	122	174	179	164	110	107	157	135	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 169 146 148 116 99 99 88 81 76 92 104 169 115

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2027

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	323	262	259	224	202	217	262	260	237	199	209	321	248	5
6	TOTAL SUPPLY TAKEN	323	262	259	224	202	217	262	260	237	199	209	321	248	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	323	262	259	224	202	217	262	260	237	199	209	321	248	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	115	98	96	72	59	55	51	46	42	52	62	115	72	9
11	Commercial	53	44	50	42	37	41	34	32	30	37	39	53	41	10
12	Industrial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	Subtotal-CORE	180	155	159	127	108	109	97	89	84	101	113	180	125	13
14	NONCORE														
15	Commercial	8	8	7	7	6	6	5	6	6	7	7	8	7	14
16	Industrial	7	7	7	7	7	7	6	7	6	7	6	6	7	15
17	Electric Generation (EG)	125	90	83	81	79	94	151	155	139	83	80	124	107	16
17	Subtotal-NONCORE	139	104	97	95	92	106	162	168	151	96	94	137	120	17
18	Co. Use & LUAF	3	3	3	2	2	2	3	3	2	2	2	3	3	18
19	SYSTEM TOTAL THROUGHPUT	323	262	259	224	202	217	262	260	237	199	209	321	248	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	15	16	14	13	14	12	11	11	13	13	17	14	20
21	NONCORE Commercial/Industrial	14	14	14	14	13	13	11	12	12	13	13	14	13	21
22	Electric Generation (EG)	125	90	83	81	79	94	151	155	139	83	80	124	107	22
23	TOTAL TRANSPORTATION & EXCHANGE	156	119	113	110	104	120	174	179	161	108	106	154	134	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

167	143	145	115	97	97	87	80	75	91	103	167	114
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2028

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	317	249	253	219	198	216	255	251	232	195	205	315	242	5
6	TOTAL SUPPLY TAKEN	317	249	253	219	198	216	255	251	232	195	205	315	242	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	317	249	253	219	198	216	255	251	232	195	205	315	242	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	113	94	95	71	58	55	50	45	42	52	61	113	71	9
11	Commercial	51	42	49	41	36	40	33	31	29	36	38	51	40	10
12	Industrial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	Subtotal-CORE	177	148	156	125	106	107	95	88	83	100	112	178	123	13
14	NONCORE														
15	Commercial	8	7	7	7	6	6	5	6	6	6	7	8	7	14
16	Industrial	7	6	7	7	7	7	6	7	6	6	6	6	6	15
17	Electric Generation (EG)	122	86	81	78	77	94	146	149	135	81	78	120	104	16
17	Subtotal-NONCORE	136	99	95	92	90	107	157	161	147	94	92	134	117	17
18	Co. Use & LUAF	3	3	3	2	2	2	3	3	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	317	249	253	219	198	216	255	251	232	195	205	315	242	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	16	14	13	13	12	11	11	12	13	17	13	20
21	NONCORE Commercial/Industrial	14	14	14	14	13	13	11	12	12	13	13	13	13	21
22	Electric Generation (EG)	122	86	81	78	77	94	146	149	135	81	78	120	104	22
23	TOTAL TRANSPORTATION & EXCHANGE	153	113	110	106	102	120	169	172	157	106	104	150	130	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d:

164	136	143	113	96	96	85	78	74	89	101	164	112
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2029

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	309	252	250	217	193	211	252	250	228	192	201	307	239	5
6	TOTAL SUPPLY TAKEN	309	252	250	217	193	211	252	250	228	192	201	307	239	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	309	252	250	217	193	211	252	250	228	192	201	307	239	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	112	96	93	70	58	54	50	45	41	51	61	112	70	9
11	Commercial	50	42	47	40	35	39	33	30	29	35	37	50	39	10
12	Industrial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	Subtotal-CORE	174	150	154	123	105	106	94	87	82	98	110	175	121	13
14	NONCORE														
15	Commercial	8	7	7	7	6	6	5	6	6	6	7	7	7	14
16	Industrial	7	6	7	7	6	7	6	7	6	6	6	6	6	15
17	Electric Generation (EG)	118	86	80	79	74	91	144	149	132	79	76	116	102	16
17	Subtotal-NONCORE	132	100	94	93	86	103	155	161	144	91	89	130	115	17
18	Co. Use & LUAF	3	3	3	2	2	2	3	3	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	309	252	250	217	193	211	252	250	228	192	201	307	239	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	15	14	12	13	12	11	11	12	12	16	13	20
21	NONCORE Commercial/Industrial	14	14	14	14	13	12	11	12	12	13	13	13	13	21
22	Electric Generation (EG)	118	86	80	79	74	91	144	149	132	79	76	116	102	22
23	TOTAL TRANSPORTATION & EXCHANGE	148	114	109	106	99	117	167	172	155	104	101	146	128	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

161	139	141	111	94	94	84	77	73	88	99	162	110
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2030

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	303	247	246	213	189	206	241	245	223	188	197	301	233	5
6	TOTAL SUPPLY TAKEN	303	247	246	213	189	206	241	245	223	188	197	301	233	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	303	247	246	213	189	206	241	245	223	188	197	301	233	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	110	95	92	69	57	54	49	45	41	50	60	110	69	9
10	Residential	49	41	47	40	35	39	32	30	28	35	36	49	39	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	172	149	152	121	104	105	93	86	81	98	109	173	120	13
14	Subtotal-CORE	7	7	7	7	6	6	5	6	6	6	7	7	7	14
15	NONCORE	6	6	7	7	6	6	6	7	6	6	6	6	6	15
16	Commercial	113	83	78	75	71	86	135	145	128	76	73	112	98	16
17	Industrial	127	96	92	89	83	99	146	157	139	88	86	125	111	17
18	Electric Generation (EG)	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	Subtotal-NONCORE	303	247	246	213	189	206	241	245	223	188	197	301	233	19
20	Co. Use & LUAF	16	14	15	14	12	13	12	11	11	12	12	16	13	20
21	SYSTEM TOTAL THROUGHPUT	14	14	14	14	13	12	11	12	12	13	13	13	13	21
22	TRANSPORTATION AND EXCHANGE	113	83	78	75	71	86	135	145	128	76	73	112	98	22
23	CORE All End Uses	143	110	107	103	96	112	157	168	150	101	99	141	124	23
24	NONCORE Commercial/Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Electric Generation (EG)	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in Mth/d:

160	137	139	110	93	93	83	77	72	87	98	160	109
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2031

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	295	242	241	209	185	203	244	234	215	184	193	293	228	5
6	TOTAL SUPPLY TAKEN	295	242	241	209	185	203	244	234	215	184	193	293	228	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	295	242	241	209	185	203	244	234	215	184	193	293	228	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	109	93	91	69	57	53	49	44	41	50	59	109	69	9
10	Residential	49	41	46	39	35	39	32	30	28	34	36	49	38	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	170	147	150	120	103	104	92	85	80	97	108	171	119	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	122	93	88	87	80	97	149	146	132	85	83	119	107	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	295	242	241	209	185	203	244	234	215	184	193	293	228	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	122	93	88	87	80	97	149	146	132	85	83	119	107	22
23	TOTAL TRANSPORTATION & EXCHANGE	137	107	103	100	93	110	160	157	143	98	95	135	120	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

158	136	138	109	92	93	83	76	71	86	97	158	108
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2032

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	287	229	235	203	181	194	227	224	206	179	188	285	220	5
6	TOTAL SUPPLY TAKEN	287	229	235	203	181	194	227	224	206	179	188	285	220	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	287	229	235	203	181	194	227	224	206	179	188	285	220	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	108	89	90	68	56	53	48	44	40	49	59	108	68	9
10	Residential	48	39	46	39	34	38	31	29	28	34	35	48	37	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	168	140	148	119	102	103	91	84	80	96	106	169	117	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	115	86	84	82	77	89	133	137	125	82	80	113	100	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	287	229	235	203	181	194	227	224	206	179	188	285	220	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	13	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	115	86	84	82	77	89	133	137	125	82	80	113	100	22
23	TOTAL TRANSPORTATION & EXCHANGE	131	100	99	96	89	102	144	148	135	94	92	129	113	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

156	129	136	107	91	92	82	75	71	85	96	156	106
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2033

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	279	230	230	199	176	192	219	216	199	175	183	277	215	5
6	TOTAL SUPPLY TAKEN	279	230	230	199	176	192	219	216	199	175	183	277	215	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	279	230	230	199	176	192	219	216	199	175	183	277	215	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	106	91	89	67	55	52	48	43	40	49	58	107	67	9
10	Residential	47	40	45	38	34	38	31	29	27	34	35	47	37	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	167	144	147	118	101	102	91	84	79	95	105	167	117	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	109	84	81	80	73	88	126	130	117	78	76	107	96	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	279	230	230	199	176	192	219	216	199	175	183	277	215	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	109	84	81	80	73	88	126	130	117	78	76	107	96	22
23	TOTAL TRANSPORTATION & EXCHANGE	125	98	96	93	85	101	137	141	128	90	88	122	109	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d:

154	132	135	107	91	91	81	75	70	85	95	154	106
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2035

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	262	218	219	190	168	180	199	196	183	165	174	260	201	5
6	TOTAL SUPPLY TAKEN	262	218	219	190	168	180	199	196	183	165	174	260	201	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	262	218	219	190	168	180	199	196	183	165	174	260	201	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	104	89	88	66	54	51	47	43	39	48	57	104	66	9
11	Commercial	46	39	44	37	33	37	31	28	27	33	34	46	36	10
12	Industrial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
	Subtotal-CORE	163	141	144	116	99	100	89	83	78	93	103	164	114	13
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	96	75	73	72	67	78	108	112	103	70	68	93	85	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	262	218	219	190	168	180	199	196	183	165	174	260	201	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	15	14	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	96	75	73	72	67	78	108	112	103	70	68	93	85	22
23	TOTAL TRANSPORTATION & EXCHANGE	111	89	87	85	78	90	119	122	113	82	80	109	97	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

151	130	132	105	89	89	80	73	69	83	94	151	104
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2040

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	262	212	220	190	171	186	204	202	185	167	175	261	203	5
6	TOTAL SUPPLY TAKEN	262	212	220	190	171	186	204	202	185	167	175	261	203	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	262	212	220	190	171	186	204	202	185	167	175	261	203	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	104	86	87	66	55	52	48	43	40	49	57	104	66	9
10	Residential	46	37	44	37	33	37	30	28	27	33	34	46	36	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	162	135	143	115	99	101	90	83	78	94	103	163	114	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	98	75	75	73	70	83	113	118	105	72	70	96	87	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	262	212	220	190	171	186	204	202	185	167	175	261	203	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	15	13	15	13	12	13	11	11	10	12	12	15	13	20
21															21
22	NONCORE All End Uses	98	75	75	73	70	83	113	118	105	72	70	96	87	22
23	TOTAL TRANSPORTATION & EXCHANGE	113	88	89	86	82	96	124	128	115	84	81	111	100	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

150 124 132 104 89 90 80 74 69 83 93 150 103

FORECAST OF REQUIREMENTS
COLD TEMPERATURE YEAR SUMMARY

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED YEARS 2026 THRU 2030

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		2026	2027	2028	2029	2030	LINE
CAPACITY AVAILABLE ^{1/ & 2/}							
1	California Source Gas	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	3
GAS SUPPLY TAKEN							
4	California Source Gas	0	0	0	0	0	4
5	Southern Zone of SoCalGas	265	263	258	254	249	5
6	TOTAL SUPPLY TAKEN	265	263	258	254	249	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	7
8	TOTAL THROUGHPUT	265	263	258	254	249	8
REQUIREMENTS FORECAST BY END-USE ^{3/}							
9	CORE ^{4/} Residential	78	77	76	75	75	9
10	Commercial	43	42	41	40	40	10
11	Industrial	4	4	4	4	4	11
12	NGV	8	8	8	8	8	12
13	Subtotal-CORE	134	132	130	128	127	13
14	NONCORE Commercial	7	7	7	7	7	14
15	Industrial	7	7	6	6	6	15
16	Electric Generation (EG)	115	115	112	110	106	16
17	Subtotal-NONCORE	129	128	125	123	119	17
18	Co. Use & LUAF	3	3	3	3	3	18
19	SYSTEM TOTAL THROUGHPUT	265	263	258	254	249	19
TRANSPORTATION AND EXCHANGE							
20	CORE All End Uses	14	14	14	14	14	20
21	NONCORE Commercial/Industrial	13	13	13	13	13	21
22	Electric Generation (EG)	115	115	112	110	106	22
23	TOTAL TRANSPORTATION & EXCHANGE	143	142	139	137	133	23
CURTAILMENT							
24	Core	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 122 120 118 117 116

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED YEARS 2031 THRU 2040

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		2031	2032	2033	2035	2040	LINE
CAPACITY AVAILABLE ^{1/ & 2/}							
1	California Source Gas	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	3
GAS SUPPLY TAKEN							
4	California Source Gas	0	0	0	0	0	4
5	Southern Zone of SoCalGas	242	234	229	214	215	5
6	TOTAL SUPPLY TAKEN	242	234	229	214	215	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	7
8	TOTAL THROUGHPUT	242	234	229	214	215	8
REQUIREMENTS FORECAST BY END-USE ^{3/}							
9	CORE ^{4/} Residential	74	73	73	71	71	9
10	Commercial	39	39	38	38	37	10
11	Industrial	4	4	4	4	4	11
12	NGV	8	8	8	8	8	12
13	Subtotal-CORE	125	124	123	121	121	13
14	NONCORE Commercial	7	7	7	7	7	14
15	Industrial	6	6	6	6	6	15
16	Electric Generation (EG)	101	95	91	78	80	16
17	Subtotal-NONCORE	114	108	103	90	93	17
18	Co. Use & LUAF	2	2	2	2	2	18
19	SYSTEM TOTAL THROUGHPUT	242	234	229	214	215	19
TRANSPORTATION AND EXCHANGE							
20	CORE All End Uses	13	13	13	13	13	20
21	NONCORE Commercial/Industrial	13	13	13	12	13	21
22	Electric Generation (EG)	101	95	91	78	80	22
23	TOTAL TRANSPORTATION & EXCHANGE	127	121	117	103	106	23
CURTAILMENT							
24	Core	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 114 113 112 110 110

FORECAST OF REQUIREMENTS
COLD TEMPERATURE YEAR DETAIL

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2026

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	346	303	269	233	208	244	272	266	264	204	232	344	265	5
6	TOTAL SUPPLY TAKEN	346	303	269	233	208	244	272	266	264	204	232	344	265	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	346	303	269	233	208	244	272	266	264	204	232	344	265	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														
10	Residential	129	112	106	78	62	56	51	46	43	54	69	129	78	9
11	Commercial	57	48	54	45	39	43	35	33	31	38	41	57	43	10
12	Industrial	6	5	5	4	4	4	3	3	3	4	4	6	4	11
13	NGV	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	Subtotal-CORE	200	173	173	136	113	111	98	91	86	104	122	200	134	13
14	NONCORE														
15	Commercial	8	8	8	7	6	6	5	6	6	7	7	8	7	14
16	Industrial	7	7	7	7	7	7	6	7	6	7	6	6	7	15
17	Electric Generation (EG)	128	112	78	80	79	117	160	160	164	85	94	126	115	16
17	Subtotal-NONCORE	143	127	93	95	92	130	171	173	176	98	107	140	129	17
18	Co. Use & LUAF	3	3	3	2	2	2	3	3	3	2	2	3	3	18
19	SYSTEM TOTAL THROUGHPUT	346	303	269	233	208	244	272	266	264	204	232	344	265	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	18	16	17	15	13	14	12	12	11	13	13	18	14	20
21	NONCORE Commercial/Industrial	15	15	15	15	13	13	11	13	12	13	14	14	13	21
22	Electric Generation (EG)	128	112	78	80	79	117	160	160	164	85	94	126	115	22
23	TOTAL TRANSPORTATION & EXCHANGE	161	142	110	110	106	144	184	184	187	111	121	159	143	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d: 185 161 159 123 102 99 88 81 76 93 111 185 122

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2027

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	342	298	266	231	205	242	271	265	261	202	230	340	263	5
6	TOTAL SUPPLY TAKEN	342	298	266	231	205	242	271	265	261	202	230	340	263	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	342	298	266	231	205	242	271	265	261	202	230	340	263	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	128	111	105	78	62	56	51	46	42	53	68	128	77	9
10	Residential	56	47	52	43	38	42	34	32	30	37	40	56	42	10
11	Commercial	6	5	5	4	4	4	3	3	3	4	4	6	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	197	171	170	134	111	110	97	89	84	103	121	197	132	13
14	Subtotal-CORE	8	8	8	7	6	6	5	6	6	7	7	8	7	14
15	NONCORE	7	7	7	7	7	7	6	7	6	7	6	6	7	15
16	Commercial	127	110	78	80	79	117	160	161	162	84	93	125	115	16
17	Industrial	142	125	93	95	92	130	171	173	174	97	107	139	128	17
18	Electric Generation (EG)	3	3	3	2	2	2	3	3	3	2	2	3	3	18
19	Subtotal-NONCORE	342	298	266	231	205	242	271	265	261	202	230	340	263	19
20	Co. Use & LUAF	18	16	17	15	13	14	12	11	11	13	13	18	14	20
21	SYSTEM TOTAL THROUGHPUT	15	15	15	14	13	13	11	12	12	13	14	14	13	21
22	TRANSPORTATION AND EXCHANGE	127	110	78	80	79	117	160	161	162	84	93	125	115	22
23	CORE	159	140	109	109	105	143	183	185	185	110	120	157	142	23
24	NONCORE	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	26
	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

183 158 157 122 100 98 87 80 75 92 110 183 120

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2028

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	337	285	262	228	202	237	264	260	257	199	226	334	258	5
6	TOTAL SUPPLY TAKEN	337	285	262	228	202	237	264	260	257	199	226	334	258	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	337	285	262	228	202	237	264	260	257	199	226	334	258	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	126	106	104	77	61	55	50	45	42	52	67	126	76	9
10	Residential	54	44	51	42	37	41	33	31	29	36	39	54	41	10
11	Commercial	6	5	5	4	4	4	3	3	3	4	4	6	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	194	163	168	132	110	108	95	88	83	101	119	194	130	13
14	Subtotal-CORE	8	8	8	7	6	6	5	6	6	6	7	8	7	14
15	NONCORE	7	6	7	7	7	7	6	7	6	6	6	6	6	15
16	Commercial	125	106	77	79	77	114	155	157	159	83	92	123	112	16
17	Industrial	139	120	92	94	90	126	166	169	171	96	105	137	125	17
18	Electric Generation (EG)	3	3	3	2	2	2	3	3	3	2	2	3	3	18
19	Subtotal-NONCORE	337	285	262	228	202	237	264	260	257	199	226	334	258	19
20	Co. Use & LUAF	17	15	16	14	13	13	12	11	11	13	13	18	14	20
21	SYSTEM TOTAL THROUGHPUT	15	14	14	14	13	13	11	12	12	13	13	14	13	21
22	TRANSPORTATION AND EXCHANGE	125	106	77	79	77	114	155	157	159	83	92	123	112	22
23	CORE	157	134	108	108	103	140	178	180	182	108	118	154	139	23
24	NONCORE	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	26
	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in Mth/d:

180	151	155	120	99	96	85	78	74	90	108	180	118
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2029

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	330	289	259	224	198	232	260	258	253	195	222	328	254	5
6	TOTAL SUPPLY TAKEN	330	289	259	224	198	232	260	258	253	195	222	328	254	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	330	289	259	224	198	232	260	258	253	195	222	328	254	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	125	108	103	76	60	55	50	45	41	52	66	125	75	9
10	Residential	53	45	50	41	36	40	33	30	29	35	38	53	40	10
11	Commercial	6	5	5	4	4	4	3	3	3	4	4	6	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	191	166	165	130	108	106	94	87	82	100	117	191	128	13
14	Subtotal-CORE	8	8	8	7	6	6	5	6	6	6	7	8	7	14
15	NONCORE	7	6	7	7	6	7	6	7	6	6	6	6	6	15
16	Commercial	121	106	77	78	75	111	153	156	157	81	90	120	110	16
17	Industrial	136	121	91	92	88	123	164	168	169	94	103	134	123	17
18	Electric Generation (EG)	3	3	3	2	2	2	3	3	3	2	2	3	3	18
19	Subtotal-NONCORE	330	289	259	224	198	232	260	258	253	195	222	328	254	19
20	Co. Use & LUAF	17	15	16	14	13	13	12	11	11	12	13	17	14	20
21	SYSTEM TOTAL THROUGHPUT	15	14	14	14	13	12	11	12	12	13	13	14	13	21
22	TRANSPORTATION AND EXCHANGE	121	106	77	78	75	111	153	156	157	81	90	120	110	22
23	CORE	153	136	107	106	100	136	175	179	179	106	116	151	137	23
24	NONCORE	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	26
	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in Mth/d:

177	154	152	118	98	95	84	77	73	89	106	177	117
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2030

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	323	284	255	221	193	228	253	252	246	192	218	321	249	5
6	TOTAL SUPPLY TAKEN	323	284	255	221	193	228	253	252	246	192	218	321	249	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	323	284	255	221	193	228	253	252	246	192	218	321	249	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	124	107	102	75	60	54	49	45	41	51	66	123	75	9
10	Residential	52	44	49	41	36	39	32	30	28	35	38	52	40	10
11	Commercial	6	5	5	4	4	4	3	3	3	4	4	6	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	189	164	164	129	107	105	93	86	81	99	116	189	127	13
14	Subtotal-CORE	8	8	8	7	6	6	5	6	6	6	7	8	7	14
15	NONCORE	6	6	7	7	6	6	6	7	6	6	6	6	6	15
16	Commercial	116	102	74	76	72	108	146	152	151	78	86	115	106	16
17	Industrial	131	116	88	90	84	120	157	164	162	91	100	129	119	17
18	Electric Generation (EG)	3	3	3	2	2	2	3	3	2	2	2	3	3	18
19	Subtotal-NONCORE	323	284	255	221	193	228	253	252	246	192	218	321	249	19
20	Co. Use & LUAF	17	15	16	14	12	13	12	11	11	12	13	17	14	20
21	SYSTEM TOTAL THROUGHPUT	14	14	14	14	13	12	11	12	12	13	13	14	13	21
22	TRANSPORTATION AND EXCHANGE	116	102	74	76	72	108	146	152	151	78	86	115	106	22
23	CORE	148	131	104	104	97	133	168	175	173	103	112	146	133	23
24	NONCORE	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	26
	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in Mth/d:

176 152 151 117 97 94 83 77 72 88 105 176 116

SAN DIEGO GAS & ELECTRIC COMPANY

Work Paper: **TABLE 4-SDGE**

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2031**

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	315	277	250	216	189	220	243	240	237	187	214	313	242	5
6	TOTAL SUPPLY TAKEN	315	277	250	216	189	220	243	240	237	187	214	313	242	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	315	277	250	216	189	220	243	240	237	187	214	313	242	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	122	106	101	74	59	54	49	44	41	51	65	122	74	9
10	Residential	52	44	48	40	35	39	32	30	28	34	37	52	39	10
11	Commercial	5	5	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	187	163	162	127	106	104	92	85	81	98	115	187	125	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	125	112	85	86	81	114	148	152	155	88	97	123	114	17
18	Co. Use & LUAF	3	3	3	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	315	277	250	216	189	220	243	240	237	187	214	313	242	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	15	16	14	12	13	11	11	10	12	13	17	13	20
21															21
22	NONCORE All End Uses	125	112	85	86	81	114	148	152	155	88	97	123	114	22
23	TOTAL TRANSPORTATION & EXCHANGE	142	126	101	100	93	127	160	163	165	100	110	140	127	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

174	151	149	116	96	93	83	76	71	87	104	174	114
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2032

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	307	261	245	211	185	214	234	232	227	182	207	305	234	5
6	TOTAL SUPPLY TAKEN	307	261	245	211	185	214	234	232	227	182	207	305	234	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	307	261	245	211	185	214	234	232	227	182	207	305	234	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	121	101	100	74	59	53	48	44	40	50	64	121	73	9
10	Residential	51	42	48	40	35	38	31	29	28	34	37	51	39	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	185	155	160	126	105	103	91	84	80	97	114	185	124	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	119	103	82	83	78	108	140	145	145	84	91	116	108	17
18	Co. Use & LUAF	3	3	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	307	261	245	211	185	214	234	232	227	182	207	305	234	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	14	16	14	12	13	11	11	10	12	12	17	13	20
21															21
22	NONCORE All End Uses	119	103	82	83	78	108	140	145	145	84	91	116	108	22
23	TOTAL TRANSPORTATION & EXCHANGE	135	117	97	96	90	121	152	156	156	96	104	133	121	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

172	144	148	114	95	92	82	75	71	87	103	172	113
-----	-----	-----	-----	----	----	----	----	----	----	-----	-----	-----

SAN DIEGO GAS & ELECTRIC COMPANY

Work Paper: **TABLE 4-SDGE**

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2033**

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	298	263	239	206	180	209	230	227	219	178	201	296	229	5
6	TOTAL SUPPLY TAKEN	298	263	239	206	180	209	230	227	219	178	201	296	229	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	298	263	239	206	180	209	230	227	219	178	201	296	229	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	120	104	99	73	58	53	48	43	40	50	64	120	73	9
10	Residential	50	43	47	39	34	38	31	29	27	34	36	50	38	10
11	Commercial	5	5	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	183	159	159	125	104	103	91	84	79	96	113	184	123	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	112	101	78	79	74	105	137	141	138	80	87	110	103	17
18	Co. Use & LUAF	3	3	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	298	263	239	206	180	209	230	227	219	178	201	296	229	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	15	15	14	12	13	11	11	10	12	12	17	13	20
21															21
22	NONCORE All End Uses	112	101	78	79	74	105	137	141	138	80	87	110	103	22
23	TOTAL TRANSPORTATION & EXCHANGE	129	115	94	92	86	118	148	152	148	92	99	126	117	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

170	148	146	114	94	91	81	75	70	86	102	170	112
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2035

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	281	248	229	197	171	193	206	204	199	168	190	279	214	5
6	TOTAL SUPPLY TAKEN	281	248	229	197	171	193	206	204	199	168	190	279	214	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	281	248	229	197	171	193	206	204	199	168	190	279	214	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	118	102	97	72	57	52	47	43	39	49	63	118	71	9
10	Residential	49	42	46	39	34	37	31	28	27	33	36	49	38	10
11	Commercial	5	5	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	180	157	156	123	103	101	89	83	78	95	111	180	121	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	98	89	70	72	67	91	115	120	118	72	77	96	90	17
18	Co. Use & LUAF	3	3	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	281	248	229	197	171	193	206	204	199	168	190	279	214	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	98	89	70	72	67	91	115	120	118	72	77	96	90	22
23	TOTAL TRANSPORTATION & EXCHANGE	114	103	85	85	79	103	126	130	129	83	89	112	103	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: $574 = (595 \text{ winter}) \times (151/365) + (560 \text{ non-winter}) \times (214/365)$.

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

167 145 144 112 92 90 80 73 69 85 101 167 110

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2040

COLD TEMPERATURE YEAR (1 IN 35 COLD YEAR EVENT) & DRY HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	282	241	230	197	174	198	212	208	201	170	191	282	215	5
6	TOTAL SUPPLY TAKEN	282	241	230	197	174	198	212	208	201	170	191	282	215	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	282	241	230	197	174	198	212	208	201	170	191	282	215	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}	117	98	97	72	57	52	48	43	40	50	63	117	71	9
10	Residential	49	40	46	38	33	37	30	28	27	33	35	49	37	10
11	Commercial	5	4	5	4	4	4	3	3	3	4	4	5	4	11
12	Industrial	8	8	8	8	8	8	8	8	9	9	9	8	8	12
13	NGV	179	150	156	122	103	101	90	83	78	95	110	179	121	13
14	Subtotal-CORE														
14	NONCORE														14
15															15
16															16
17	Subtotal-NONCORE	100	88	72	72	70	95	120	123	120	73	79	99	93	17
18	Co. Use & LUAF	3	2	2	2	2	2	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	282	241	230	197	174	198	212	208	201	170	191	282	215	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	16	14	15	13	12	13	11	11	10	12	12	16	13	20
21															21
22	NONCORE All End Uses	100	88	72	72	70	95	120	123	120	73	79	99	93	22
23	TOTAL TRANSPORTATION & EXCHANGE	116	102	87	85	82	107	131	134	130	85	91	116	106	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2026 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation

transportation (CAT) in MDth/d:

166 139 143 111 92 90 80 74 69 85 100 166 110

CUSTOMER FORECAST

Recorded Data Through 2025

SDG&E Gas Meter Forecast

Year	Residential	Commercial & Industrial	NGV	Noncore Commercial & Industrial	Electric Generation	Total
2024	886,131	30,662	36	67	99	916,995
2025	888,781	30,739	37	67	99	919,724
2026	891,532	30,784	37	67	99	922,519
2027	894,487	30,781	37	67	99	925,472
2028	897,710	30,777	37	67	99	928,691
2029	901,113	30,779	37	67	99	932,095
2030	904,647	30,783	37	67	99	935,633
2031	908,305	30,778	37	67	99	939,287
2032	912,085	30,773	37	67	99	943,061
2033	915,919	30,767	37	67	99	946,889
2034	919,754	30,763	37	67	99	950,720
2035	923,572	30,758	37	67	99	954,533
2036	927,343	30,757	37	67	99	958,304
2037	930,953	30,761	37	67	99	961,917
2038	934,339	30,763	37	67	99	965,306
2039	937,564	30,763	37	67	99	968,530
2040	940,631	30,765	37	67	99	971,599

NAVIGATOR



POSTERITY
GROUP

Navigator™ Energy and Emissions Simulation Suite

Functional Specification Document

Version: 1.0

Date: December 2022

Posterity Group Consulting
135 Laurier Ave W, Suite 408
Ottawa, ON K1P 5J2



2 Overview of the Navigator Model

2.1 Purpose and Application

Posterity Group's [Navigator™ Energy and Emissions Simulation Suite](#) enables complex, multi-variable modelling not possible with traditional approaches. It lets planners quickly explore the energy landscape, investigate an unlimited range of scenarios, optimize to targets, and resolve vexing strategic challenges. All backed by Posterity Group's expert energy and emissions consulting services. Navigator incorporates over 20 years of modelling expertise into a powerful platform for:

- Integrated resource planning
- Energy efficiency potential estimates
- Demand side management (DSM) program planning
- Decarbonization pathway analysis
- Policy impact analysis, and greenhouse gas (GHG) emissions studies

Navigator uses a “bottom up” approach to develop demand scenarios. It starts with granular information about how energy is used at the end-use level (e.g., how natural gas is used to heat a home) and builds on this data to describe how energy is used at the segment (e.g., detached homes), sector (e.g., residential), regional (e.g., Vancouver Island) and provincial or state level (e.g., British Columbia).

Detailed data from census and other government sources, utility customer data, end use surveys and research reports are compiled by a powerful processing engine to produce a comprehensive dataset for analysis. Every calculated value is stored and can be filtered and rolled-up for maximum flexibility of analysis and presentation.

Easy access to detailed, “high-resolution” datasets plus fast processing power, ensure the simulation is a powerful means of performing complex scenario analysis such as:

- Load scenarios under a variety of demand growth, pricing, regulatory and technology adoption assumptions
- Demand Side Management potential savings from efficiency and distributed resource measures
- Peak demand impact
- GHG emissions and reductions

As well, users can perform sophisticated optimization tasks such as:

- Fuel switching in response to price and policy signals
- Substitution of a system-wide fuel (such as renewables) in specified amounts
- Efficiency program spending within annual budgets

Navigator can be used to model consumption of energy and associated GHG emissions for any fuel type (e.g., fossil-based gas, electricity, renewables, etc.) for jurisdictions of any size from the community and small utility level to entire states or provinces. Please see [here](#) for case studies.





2.2 Navigator Components

Navigator has four key components:

1. **Configuration Layer:** this layer identifies all the parameters under study (e.g., the range of years in the scenario, the regions, sectors and scenarios, the energy end-uses, etc.). It also tells the simulation engine what to calculate (e.g., peak demand, GHG emissions, DSM potential, etc.).
2. **Data Input Layer:** the data input layer contains the unique information about the future evolution of the segments, sectors and regions under study. The data input layer drives the simulation engine in conjunction with the configuration layer.
3. **Simulation Engine:** the simulation engine is the model processing software that conducts the calculations specified by the user (e.g., annual energy consumption, peak demand, GHG emissions, DSM potential, etc.).
4. **Presentation Layer:** the presentation layer contains the simulation results (often referred to as “output”). Output files are assembled in Excel and data visualization platforms (e.g., PowerBI) to generate exhibits to visualize the raw output data and help users understand and use the results.

2.3 Sector-Based Models

Navigator models are sector-based to reflect the unique way energy is used and regulated. Typical sector models are residential, commercial, industrial, and transportation. Within each sector-model, the data (inputs and outputs) are divided up by rate class, region, segment (i.e., sub-sector), vintage, and end-use. The specifics of the sector-based models are custom made for each client. Exhibit 1 provides examples of regions, segments, end-uses, and vintages for sector-models.

Exhibit 1 – Examples of Navigator sector-model structure

	Residential	Commercial	Industrial	Transportation
<i>Regions</i>	• South • North • East • West	• South • North • East • West	• South • North • East • West	• South • North • East • West
<i>Segments</i>	• Detached • Attached • Mobile	• Apartments • Food Retail • Hospital • Hotels • Non-Food Retail • Nursing Home • Offices • Restaurant • Schools • University/College • Warehouse	• Agriculture • Chemical • District energy providers • Mining • Pulp & Paper • Utilities • Wood Products	• Personal light duty vehicles • Fleet light duty vehicles • Medium duty vehicles • Heavy duty vehicles • Domestic short sea marine vessels • Coastal freight marine vessels





	Residential	Commercial	Industrial	Transportation
<i>End Uses</i>	• Clothes dryer • Cooking • Domestic hot water • Fireplace • Pool & spa heaters • Space cooling • Space heating • Ventilation and circulation	• Cooking • Domestic Hot Water • Pools, Spas & Hot tubs • Space Heating	• Direct-fired heating • Heat Treating • Kilns • On-Site Power Generation • Ovens • Process Boilers • Product Drying • Space Heating • Water Heating	• Trans-ocean marine vessels • Transportation
<i>Vintages/ Existence</i> ¹	• Pre-1950 • 1950-1985 • 1986-2016 • 2016 or newer	• Existing • New	• Existing • New	• Existing • New

¹ The residential sector has Vintages to define time periods when residential dwellings are built. Existence Categories also apply to the residential vintages, as there is conversion of existing dwellings into new homes (i.e., renovations). 'New' residential dwellings do not appear until the first year of the reference case.





3 Model Structure

This section provides an overview of how models are structured and developed for use by Navigator.

3.1 Model Parameters

Exhibit 2 defines the six parameters² that provide the basic structure for Navigator models. A model is populated with data or assumptions for each parameter.

Exhibit 2 – Navigator Model Parameters

Parameter	Definition
Accounts³	Number of energy-using accounts.
Units	The basis for how energy consumption is expressed. The unit of analysis is unique to each sector (e.g., dwellings in the residential sector, square metres or square feet in the commercial sector and production capacity in the industrial sector).
Size	The change in average number of units per account, relative to the first year the account appears.
Saturation	For most end uses, saturation is the extent to which an end-use is present in a region and segment. ⁴
Fuel Share	The percentage of the energy end-use that is supplied by each fuel.
Unit Energy Consumption (UEC)	The amount of energy used by each end-use per unit.

Navigator calculates energy consumption at the sector, segment, existence category and end-use level using the following equation:

$$\text{Consumption} = \text{Units} \times \text{Saturation} \times \text{Fuel Share} \times \text{UEC}$$

Accounts and Size are used to scale Units, which appears in the consumption equation.

² Some of the model parameters are adjusted when necessary to reflect a distinct characteristic of a sector.

³ Because Posterity Group often builds models for utility clients, 'Accounts' refers to customer accounts. For models that are built for non-utility clients, an Account represents the relevant energy-using item such as houses, vehicles, or floor area.

⁴ A segment is a grouping or category of buildings (e.g., single-family detached in Residential, large offices in Commercial). Segments reflect the main purpose of the building and helps to differentiate between energy use intensity or patterns across building types within a sector.



3.2 Navigator Modules

Navigator has 'modules' to conduct specific sets of calculations depending on the analysis required. For any analysis, the Scenarios module is required because it provides the detailed breakdown of energy demand (and the basis for GHG emissions calculations) over the specified time horizon. Subsequent modules are used as required for each analysis. Each module contains functions that comprise the calculation arithmetic for processing the required inputs and producing the desired outputs. In addition to the components displayed in the diagram below (and explained by the subsequent sections of this document), Navigator also contains an aggregator function that allows users to output summarized results files whose file size is smaller than that of non-summarized results. The Energy Costs function can run and provide results independently from the Conservation Potential module, but this document presents the function under the Conservation Potential module because it is necessary for calculating the Conservation economic potential results.





5 Scenario Module

5.1 Overview

Navigator's Scenario module produces a detailed breakdown of jurisdictional energy demand over a specific time horizon. The granular output dataset contains the calculated energy demand values for each sector, region, fuel, rate class, end use, segment, and year. Each sector model begins with a base year that is calibrated to actual data (e.g., historical energy consumption or GHG emissions) then a scenario is generated for the specified time horizon using trends and assumptions about how each model parameter may change over time.

5.2 Input Files

The following input files are required for this module:

- Control, Sector Setup and Scenario
- Emit (optional)
- Fraction Solver (optional)
- Share Solver (optional)

5.3 Simulation Engine Processing Method & Calculations

5.3.1 Process Control, Sector Set Up and Scenario Input Files

Navigator reads in the input files in the following order: Control, Sector Setup, and then the Scenario File for each sector and scenario. The Control file provides information on the identification number of the model run, the folder locations for input and output files, the names of the other input files that are included in the model run, and the configuration of the sectors, scenarios, and regions for the model run. The Sector Setup file provides the numbers of accounts, the number of units (e.g., commercial floor space or number of residential dwellings), a size variable if units per account change over time, saturation of end uses, fuel share, unit energy consumption, and end use efficiency.

Once all the input data is read in, the scenario module in Navigator calculates accounts, units, end use count, energy consumption, tertiary load, and unit tertiary load, and emissions (optional) for every fuel required in the output. The following sub-sections provide details of the calculation method for each element of the Scenario module processing.

5.3.2 Calculate Accounts

First, the number of accounts for each year by region, rate class and segment are calculated. If the number of accounts increases, those present in the base year are be treated as existing accounts and the additional ones are be treated as new accounts.

5.3.3 Calculate Units

Units are the basis of analysis for Navigator. Units can be dwellings, appliances, vehicles, floor area, etc., and can be customized to the sector model and specific analysis. The unit energy consumption values (UEC) are expressed in terms of energy consumption per unit.





The scenario input file includes values for units for each combination of region, segment, and rate class, in the first year that contains accounts for that combination.

The other key input variable for units is the SIZE. The size factor allows the modeler to change the average size, in units, of the accounts over time in a given region, segment and rate class. For example, if the average size of schools in a region is expected to increase, the size factor can be adjusted to reflect this change. The input file has a row of SIZE numbers for all the years for each region (and, optionally, rate class) and segment. The SIZE number for the first year in which accounts occur is the starting point for the size factor calculation. In many cases, that will be the base year, but in cases where accounts in a region (and rate class) and segment do not appear until later in the scenario period, the SIZE number in that year will be the starting point and the earlier ones will be ignored. Subsequent size factors are always relative to the SIZE number in the first year where there are accounts.

Navigator separates units into existing units and new units, so that different saturations, fuel shares, and UECs can be applied to each. Existing units and accounts are defined as units and accounts that exist in the base year.

5.3.4 Calculate Energy Consumption

Finally, Navigator calculates end use count, energy consumption, tertiary load, and unit tertiary load which are defined by the following equations:

$$EndUseCount = Units * EndUseSaturation * FuelShare$$

Where: EndUseCount is the number of instances of this end use in this region, rate class, segment, existence category, and year

EndUseSaturation is a value read from the Scenario input file

FuelShare is a value read from the Scenario input file

$$Consumption = EndUseCount * UEC$$

Where: Consumption is the energy consumption of this end use in this region, rate class, segment, existence category, and year

EndUseCount is the number of instances of this end use in this region, rate class, segment, existence category, and year

UEC, or Unit Energy Consumption, is a value read from the Scenario input file

Calculate Tertiary, using the following equation:

$$Tertiary = Consumption * Efficiency$$

Where: Tertiary is the tertiary energy consumption, or useful energy supplied, for this end use in this region, rate class, segment, existence category, and year

Consumption is the energy consumption of this end use in this region, rate class, segment, existence category, and year

Efficiency is a value read from the Scenario input file

Calculate UnitTertiary, using the following equation:

$$UnitTertiary = Tertiary / EndUseSaturation$$

Where: UnitTertiary is the tertiary energy consumption for this end use in this region, rate class, segment, existence category, and year, if the end use saturation were 100% (exactly one instance of the end use per unit) and all of it were met by the current fuel.





Tertiary is the tertiary energy consumption, or useful energy supplied, for this end use in this region, rate class, segment, existence category, and year
EndUseSaturation is a value read from the Scenario input file

5.3.5 Emissions Function

If the emissions feature is being used, Navigator calculates annual emissions by multiplying the emission factor for each fuel by the annual consumption for that fuel.

5.3.6 Fraction Solver Function - Fuel Share Calculations

The fraction solver function is used when consumption of an existing fuel needs to be partially replaced with a new fuel at a *specific amount* (e.g., PJ's of RNG). The Fraction Solver function solves for the fraction of the existing fuel's fuel share that it needs to shift to the new fuel to hit the specific targets.

The fraction solver begins with fuel shares for the original fuel and calculates a total initial fuel share that is the sum of the original (or mother) fuel plus the initial fuel share of the new (or target) fuel for all applicable regions, segments, existence categories, end uses, and years. The fraction fuel share solver uses a simple binary search to find a factor for each bin and year that can be multiplied by the total mother fuel share values to reduce them. The amount of the reduction in all these fuel shares is given to the target fuel. When the consumption of the target fuel is equal to the target for a bin and year, that bin and year is solved. Simple binary solve is used because there tend to be a lot of step functions and nonlinearities in Navigator models, so more sophisticated solvers often will not converge.

The output of the Fraction Solver is a scenario input file, with the revised fuel shares. This 'new' scenario input file is processed by the simulation engine to produce output that meets the desired consumption amount for the specified fuels.

5.3.7 Share Solver Function - Fuel Share Calculations

The share solver function is designed to change the consumption of an existing fuel, to reach a target *percentage* change in the existing fuel by a target year (i.e., 5% blend of RNG). The target may be set based on an expected change due to a price signal or may be based on a policy objective.

The targets can be divided into different "bins" (for different regions or segments, for example). Navigator solves for the series of annual changes it needs to make to the existing fuel's share, to meet the change for each bin in the target year. The user can vary the relative amount of change in the intervening years by providing an array of responsiveness values – effectively an array of relative slopes.

Within a bin, the amount of change applied to a given end use and segment will vary depending on how "mobile" the fuel share is estimated to be for the end use in that specific segment. The assumption is that a fuel share that is close to 0% or 100% reflects a difficult end-use and segment to fuel switch, and the fuel share is therefore more difficult to change than for an end use with a starting fuel share near 50%.

The change in share for this fuel is taken from (or given to) the fuels that follow it in the sequence of fuel shares. In typical use, the fuel that is expected to absorb the change is placed at the end of the sequence of fuel share input rows and given a default share of 100%, so it will use whatever fuel share is left over after all the shares are specified for all the previous fuels.

An additional function the share solver can use to reach the target reduction in fuel use for a bin is to change the proportion of different new accounts being added to the population. The way this feature is typically used is when a given segment (vintage-size) is divided between those mainly heated by the





target fuel and those mainly heated by other fuels. The user specifies which segments are in matched pairs (for example, new gas-heated detached homes and new non-gas-heated detached homes), and the Navigator will modify the proportion of accounts it adds within the pair, to help meet the target reduction.

The Fuel Share Solver uses a simple binary search to find a factor for reducing the fuel share in each bin so that it reaches the target value in the target year. This factor becomes part of an equation for reducing the fuel share for the target fuel in each year, region, segment, and end use that is part of the bin. The reduction varies by year and by the starting value of the fuel share in each region, segment, and end use. In some cases, it is also used to change the percentage of newly constructed accounts that are heated primarily by the target fuel. When the consumption of the target fuel is equal to the objective in the target year, that bin is solved. If Navigator can't reach the target, for reasons such as limitations on how quickly equipment can be changed, the solving attempt for that bin stops. Simple binary solve is used because there tend to be a lot of step functions and nonlinearities in Navigator models, so more sophisticated solvers often will not converge.

In situations where the model will be adjusting the proportion of newly constructed accounts served by the target fuel, the fuel share solver is called twice. The first call solves the bins directly affected by the new construction adjustments – generally space heating – and leaves the other bins alone. Then the second call holds the new construction proportions constant and solves all the remaining bins. This is because if the proportion of new accounts is varying from one iteration to the next, the other bins generally cannot converge on a solution.

The output is a scenario input file, with the revised fuel shares for the existing fuel. This 'new' scenario input file is run through the simulation engine to produce output that reflects the revised fuel shares.



RESIDENTIAL

Residential End-Use Model Description

Introduction:

SDG&E used the Navigator model to generate annual gas demand forecasts for the residential market. The software's market segmentation description and end-use modeling framework are presented in the previous section of the SDG&E workpapers.

The SDG&E residential segmentation contains the following four types:

Single-Family (SF)
Multi-Family (MF)
Master Metered (MM)
Sub-Metered (SM)

There are two vintages. These are "old" and "new". The classification termed old describes existing customers (established prior to the year 2021) whereas "new" describes the new meter hookups set up in year 2021 and beyond.

The residential model identifies eight end-uses that are the primary drivers of natural gas demand. These are:

space heating
water heating
cooking
clothes drying
barbecue
pool heating
spa heating
fireplace
other (miscellaneous)

A set of post-model adjustments were applied to the model's annual demand forecast. The first adjustment calibrates to the recorded 2025 weather-adjusted demand, or the "base" year demand. Next, the annual Navigator forecast was parceled out to a series of monthly forecasts by applying weights based on the customer's predicted monthly usage share in total annual consumption. The shares were applied to annual totals to derive the stream of monthly forecasts which are conditional on the particular weather design specification for the entire year. An adjustment to the forecast offsets the throughput by the energy efficiency (EE) savings. The forecast was also reduced by the Additional Achievable Fuel Substitution (AAFS) Scenario 1 Programs and incremental Codes and Standards (PiCS) from the California Energy Commission's 2025 Integrated Energy Policy Report (IEPR). The final adjustment applied to the forecast was for

anticipated climate change. To account for anticipated weather that is “less cold” and more variable, the average year weather design was reduced by 5.3 fewer heating degree days each year over the forecast period for SDG&E.

Tables 1-4 in the following section illustrate the residential monthly forecast under each of the weather design scenarios. Table 5 shows the out-of-model adjustments including the climate change, energy efficiency and fuel substitution used to prepare the final forecasts.

Data Sources:

The data used to populate the Navigator model template and used to generate the unadjusted base forecast includes historical base year consumption and customer counts, price elasticities, historical meter counts (total and by vintage type), use per customer (total and by vintage type), saturation, fuel shares, and the unit energy consumption (UEC) values. The 2025 historical data is in Table 6. Tables 7-12 show accounts, units, saturations, fuel shares, UECs, and the inflation-adjusted rate forecasts for this market.

San Diego Gas and Electric Company
Residential Demand Forecast (Mdth)
Average Temperature
Table Res-1

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	3,706	2,876	3,098	2,248	1,905	1,723	1,640	1,479	1,318	1,679	1,944	3,706	27,322
2026	3,668	2,845	3,067	2,226	1,888	1,709	1,627	1,467	1,308	1,665	1,925	3,668	27,061
2027	3,621	2,808	3,029	2,200	1,867	1,691	1,610	1,452	1,294	1,647	1,902	3,621	26,743
2028	3,576	2,772	2,992	2,173	1,846	1,674	1,594	1,438	1,281	1,630	1,878	3,576	26,429
2029	3,530	2,736	2,955	2,147	1,825	1,656	1,578	1,423	1,268	1,612	1,855	3,530	26,117
2030	3,488	2,703	2,921	2,124	1,806	1,641	1,563	1,410	1,256	1,597	1,834	3,489	25,832
2031	3,445	2,669	2,886	2,099	1,787	1,624	1,548	1,396	1,244	1,580	1,812	3,445	25,533
2032	3,402	2,635	2,851	2,075	1,768	1,608	1,533	1,382	1,232	1,564	1,791	3,402	25,242
2033	3,368	2,607	2,823	2,055	1,753	1,596	1,521	1,372	1,223	1,552	1,774	3,368	25,012
2034	3,335	2,581	2,797	2,037	1,739	1,584	1,511	1,363	1,214	1,541	1,758	3,335	24,794
2035	3,300	2,553	2,769	2,017	1,723	1,572	1,499	1,352	1,205	1,528	1,740	3,300	24,560
2036	3,299	2,552	2,769	2,018	1,726	1,575	1,503	1,355	1,208	1,531	1,740	3,299	24,575
2037	3,296	2,549	2,767	2,018	1,727	1,578	1,505	1,358	1,210	1,533	1,740	3,296	24,578
2038	3,292	2,545	2,766	2,018	1,728	1,580	1,508	1,360	1,212	1,535	1,739	3,293	24,578
2039	3,290	2,543	2,764	2,018	1,730	1,583	1,511	1,363	1,214	1,538	1,739	3,290	24,582
2040	3,285	2,538	2,761	2,017	1,730	1,585	1,513	1,365	1,216	1,539	1,737	3,286	24,571

San Diego Gas and Electric Company
Residential Demand Forecast (Mdth)
Cold Temperature
Table Res-2

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	4,121	3,231	3,397	2,423	1,988	1,737	1,641	1,480	1,320	1,709	2,119	4,119	29,284
2026	4,083	3,201	3,367	2,402	1,971	1,723	1,628	1,468	1,309	1,695	2,101	4,081	29,027
2027	4,037	3,164	3,329	2,375	1,950	1,705	1,611	1,453	1,296	1,677	2,077	4,035	28,709
2028	3,992	3,129	3,292	2,349	1,930	1,688	1,595	1,438	1,283	1,660	2,054	3,990	28,398
2029	3,947	3,093	3,256	2,323	1,909	1,670	1,578	1,423	1,270	1,642	2,032	3,945	28,088
2030	3,906	3,061	3,222	2,300	1,891	1,655	1,564	1,410	1,258	1,627	2,011	3,904	27,807
2031	3,862	3,026	3,187	2,275	1,871	1,638	1,548	1,396	1,245	1,611	1,989	3,861	27,510
2032	3,820	2,993	3,153	2,251	1,852	1,622	1,533	1,383	1,233	1,595	1,968	3,818	27,221
2033	3,787	2,966	3,126	2,232	1,837	1,610	1,522	1,372	1,224	1,582	1,951	3,785	26,995
2034	3,755	2,941	3,100	2,215	1,823	1,599	1,512	1,363	1,216	1,571	1,935	3,753	26,782
2035	3,721	2,914	3,072	2,195	1,808	1,586	1,500	1,353	1,206	1,559	1,918	3,719	26,551
2036	3,721	2,913	3,073	2,197	1,811	1,590	1,504	1,356	1,209	1,562	1,919	3,719	26,574
2037	3,719	2,911	3,073	2,197	1,812	1,592	1,506	1,358	1,211	1,564	1,919	3,718	26,581
2038	3,717	2,909	3,072	2,197	1,814	1,595	1,509	1,360	1,213	1,566	1,918	3,715	26,585
2039	3,715	2,907	3,071	2,198	1,815	1,597	1,512	1,363	1,216	1,568	1,918	3,713	26,593
2040	3,711	2,903	3,069	2,197	1,816	1,599	1,514	1,365	1,217	1,570	1,917	3,709	26,586

San Diego Gas and Electric Company
Residential Demand Forecast (Mdth)
Hot Temperature
Table Res-3

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	3,292	2,521	2,799	2,072	1,821	1,709	1,639	1,479	1,317	1,649	1,769	3,294	25,360
2026	3,252	2,489	2,767	2,050	1,804	1,695	1,626	1,467	1,306	1,634	1,749	3,254	25,095
2027	3,206	2,453	2,730	2,024	1,783	1,677	1,609	1,452	1,293	1,617	1,726	3,208	24,778
2028	3,160	2,416	2,692	1,998	1,762	1,659	1,593	1,437	1,280	1,599	1,703	3,162	24,461
2029	3,114	2,379	2,654	1,971	1,741	1,642	1,577	1,423	1,267	1,582	1,679	3,116	24,145
2030	3,071	2,346	2,620	1,947	1,722	1,626	1,562	1,410	1,255	1,567	1,658	3,073	23,858
2031	3,027	2,311	2,584	1,922	1,703	1,610	1,547	1,396	1,243	1,550	1,636	3,029	23,557
2032	2,984	2,276	2,549	1,898	1,683	1,594	1,532	1,382	1,230	1,534	1,614	2,986	23,263
2033	2,949	2,248	2,521	1,878	1,668	1,582	1,520	1,372	1,221	1,522	1,597	2,951	23,029
2034	2,915	2,221	2,494	1,859	1,654	1,570	1,510	1,362	1,213	1,510	1,580	2,917	22,806
2035	2,879	2,193	2,465	1,840	1,639	1,558	1,498	1,352	1,204	1,498	1,562	2,882	22,568
2036	2,876	2,190	2,464	1,840	1,641	1,561	1,502	1,355	1,206	1,501	1,562	2,879	22,577
2037	2,872	2,186	2,462	1,839	1,642	1,564	1,505	1,358	1,209	1,503	1,561	2,875	22,575
2038	2,868	2,182	2,460	1,839	1,643	1,566	1,507	1,360	1,211	1,505	1,560	2,871	22,570
2039	2,865	2,179	2,458	1,838	1,644	1,569	1,510	1,363	1,213	1,507	1,559	2,868	22,571
2040	2,859	2,174	2,454	1,837	1,644	1,570	1,512	1,364	1,214	1,508	1,557	2,862	22,557

**San Diego Gas and Electric Company
Residential Demand Forecast (Mdth)**

Base Temperature

Table Res-4

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	1,543	1,394	1,543	1,493	1,543	1,493	1,543	1,543	1,493	1,543	1,493	1,543	18,166
2026	1,519	1,372	1,519	1,470	1,519	1,470	1,519	1,519	1,470	1,519	1,470	1,519	17,886
2027	1,492	1,348	1,492	1,444	1,492	1,444	1,492	1,492	1,444	1,492	1,444	1,492	17,567
2028	1,464	1,323	1,464	1,417	1,464	1,417	1,464	1,464	1,417	1,464	1,417	1,464	17,241
2029	1,437	1,298	1,437	1,390	1,437	1,390	1,437	1,437	1,390	1,437	1,390	1,437	16,915
2030	1,411	1,275	1,411	1,366	1,411	1,366	1,411	1,411	1,366	1,411	1,366	1,411	16,615
2031	1,385	1,251	1,385	1,340	1,385	1,340	1,385	1,385	1,340	1,385	1,340	1,385	16,307
2032	1,359	1,228	1,359	1,315	1,359	1,315	1,359	1,359	1,315	1,359	1,315	1,359	16,003
2033	1,338	1,209	1,338	1,295	1,338	1,295	1,338	1,338	1,295	1,338	1,295	1,338	15,754
2034	1,318	1,190	1,318	1,275	1,318	1,275	1,318	1,318	1,275	1,318	1,275	1,318	15,515
2035	1,296	1,171	1,296	1,254	1,296	1,254	1,296	1,296	1,254	1,296	1,254	1,296	15,262
2036	1,295	1,170	1,295	1,253	1,295	1,253	1,295	1,295	1,253	1,295	1,253	1,295	15,247
2037	1,293	1,168	1,293	1,251	1,293	1,251	1,293	1,293	1,251	1,293	1,251	1,293	15,226
2038	1,292	1,167	1,292	1,250	1,292	1,250	1,292	1,292	1,250	1,292	1,250	1,292	15,208
2039	1,290	1,166	1,290	1,249	1,290	1,249	1,290	1,290	1,249	1,290	1,249	1,290	15,194
2040	1,288	1,163	1,288	1,247	1,288	1,247	1,288	1,288	1,247	1,288	1,247	1,288	15,167

San Diego Gas and Electric Company
Residential
Out-Of-Model Adjustments (Mdt)
Table Res-5

Year	Climate Change	Energy Efficiency	AAFS
2025	0	0	0
2026	-41	-197	-80
2027	-82	-397	-157
2028	-124	-590	-273
2029	-165	-776	-400
2030	-207	-938	-527
2031	-248	-1101	-648
2032	-290	-1264	-771
2033	-332	-1429	-850
2034	-375	-1596	-923
2035	-417	-1766	-999
2036	-460	-1743	-1056
2037	-504	-1721	-1103
2038	-547	-1704	-1130
2039	-590	-1693	-1147
2040	-633	-1705	-1153

San Diego Gas and Electric Company
Residential
Base Year Throughput and Customer Counts
Table Res-6

Business Type	2025 Weather-adjusted Therm Sales	2025 Meter Count	2025 Meter Count of Existing customers	2025 Meter Count of New Customers	Avg Use Per Meter of Existing Customers	Avg Use Per Meter of New Customers	Units Per Meter	Price Elasticity
SF	197,794,202	665,099	653,216	11,883	298	239	1	-0.12643
MF2	-	-	-	-	-	-	1	
MF3	43,463,291	198,867	191,506	7,361	217	251	1	-0.07233
MM	26,757,425	11,367	11,316	51	2,315	11,066	17	-0.03279
SM	5,205,665	362	362	-	14,380	-	65	-0.06631
Total	273,220,583	875,695						

San Diego Gas and Electric Company
Residential
Accounts
Table Res-7

Segment ID	2025	2026	2027	2028	2029	2030	2031	2032
SF_vint_old	653,216	652,938	652,809	652,876	653,070	653,354	653,725	654,176
SF_vint_NEW	11,883	14,288	16,700	19,121	21,552	23,992	26,442	28,902
MF2_vint_old	0	0	0	0	0	0	0	0
MF2_vint_NEW	0	0	0	0	0	0	0	0
MF3_vint_old	191,506	190,632	189,799	189,021	188,276	187,554	186,855	186,176
MF3_vint_NEW	7,361	8,846	10,336	11,831	13,332	14,839	16,352	17,871
MM_vint_old	11,316	11,289	11,262	11,235	11,208	11,181	11,154	11,127
MM_vint_NEW	51	61	72	82	92	103	113	124
SM_vint_old	362	350	339	327	315	304	292	280
SM_vint_NEW	0	0	0	0	0	0	0	0

Segment ID	2033	2034	2035	2036	2037	2038	2039	2040
SF_vint_old	654,660	655,134	655,584	655,989	656,261	656,353	656,313	656,144
SF_vint_NEW	31,372	33,853	36,344	38,845	41,356	43,876	46,405	48,942
MF2_vint_old	0	0	0	0	0	0	0	0
MF2_vint_NEW	0	0	0	0	0	0	0	0
MF3_vint_old	185,502	184,823	184,133	183,426	182,678	181,875	181,030	180,145
MF3_vint_NEW	19,396	20,928	22,467	24,011	25,562	27,118	28,680	30,246
MM_vint_old	11,099	11,072	11,045	11,018	10,990	10,963	10,935	10,908
MM_vint_NEW	134	145	155	166	177	188	198	209
SM_vint_old	269	257	245	234	222	210	199	187
SM_vint_NEW	0	0	0	0	0	0	0	0

Note: For each business segment in the above and following tables in this section, there is a postfix that "vint_old" refers to the vintage on and before 2020 while "vint_new" refers to the vintage after 2020.

San Diego Gas and Electric Company
Residential
Units
Table Res-8

Segment ID	Units
SF_vint_old	653,216
SF_vint_NEW	11,883
MF2_vint_old	-
MF2_vint_NEW	-
MF3_vint_old	191,506
MF3_vint_NEW	7,361
MM_vint_old	197,657
MM_vint_NEW	891
SM_vint_old	23,664
SM_vint_NEW	-

San Diego Gas and Electric Company
Residential
Saturation
Table Res-9.1

Saturation	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SATURATION	Ex	SF_vint_old	Barbecue	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SATURATION	Ex	SF_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Drying	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	SF_vint_old	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	SF_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Pool	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	SF_vint_old	Spa	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	Ex	SF_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Barbecue	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
SATURATION	Ex	SF_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Drying	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SATURATION	Ex	SF_vint_NEW	Fireplace	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SATURATION	Ex	SF_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Pool	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
SATURATION	Ex	SF_vint_NEW	Spa	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SATURATION	Ex	SF_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Barbecue	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
SATURATION	Ex	MF2_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Drying	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Barbecue	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SATURATION	Ex	MF2_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Drying	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Barbecue	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SATURATION	Ex	MF3_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Drying	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SATURATION	Ex	MF3_vint_old	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	MF3_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF3_vint_old	Spa	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SATURATION	Ex	MF3_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Barbecue	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
SATURATION	Ex	MF3_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SATURATION	Ex	MF3_vint_NEW	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	MF3_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF3_vint_NEW	Spa	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SATURATION	Ex	MF3_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Barbecue	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	MM_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Drying	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
SATURATION	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	MM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

SATURATION	New	MM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	MM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	New	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Barbecue	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	SM_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Drying	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
SATURATION	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	SM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

San Diego Gas and Electric Company
Residential
Saturation
Table Res-9.2

Saturation	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SATURATION	Ex	SF_vint_old	Barbecue	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SATURATION	Ex	SF_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Drying	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	SF_vint_old	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	SF_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Pool	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	SF_vint_old	Spa	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	Ex	SF_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Barbecue	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
SATURATION	Ex	SF_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Drying	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SATURATION	Ex	SF_vint_NEW	Fireplace	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SATURATION	Ex	SF_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Pool	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
SATURATION	Ex	SF_vint_NEW	Spa	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SATURATION	Ex	SF_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	SF_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Barbecue	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
SATURATION	Ex	MF2_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Drying	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Barbecue	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SATURATION	Ex	MF2_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Drying	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF2_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF2_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Barbecue	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SATURATION	Ex	MF3_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Drying	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SATURATION	Ex	MF3_vint_old	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	MF3_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF3_vint_old	Spa	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SATURATION	Ex	MF3_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Barbecue	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
SATURATION	Ex	MF3_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SATURATION	Ex	MF3_vint_NEW	Fireplace	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	MF3_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MF3_vint_NEW	Spa	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SATURATION	Ex	MF3_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MF3_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Barbecue	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	MM_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Drying	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
SATURATION	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	MM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	MM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

SATURATION	New	MM_vint_old	Barbecue	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	MM_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_old	Drying	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
SATURATION	New	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	MM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	New	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	MM_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	MM_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Barbecue	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	SM_vint_old	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Drying	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
SATURATION	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_old	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Barbecue	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	SM_vint_NEW	Cooking	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	SM_vint_NEW	Space_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	SM_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

San Diego Gas and Electric Company
Residential
Gas Fuel Market Shares
Table Res-10.1

Share	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SHARE	Ex	SF_vint_old	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	Ex	SF_vint_old	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_old	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	SF_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_old	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	SF_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	SF_vint_old	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	Ex	SF_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_NEW	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	Ex	SF_vint_NEW	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_NEW	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	SF_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_NEW	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	SF_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	SF_vint_NEW	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	Ex	SF_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_old	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	MF3_vint_old	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	Ex	MF3_vint_old	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	MF3_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	MF3_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	MF3_vint_old	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	Ex	MF3_vint_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	Ex	MF3_vint_NEW	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	MF3_vint_NEW	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	Ex	MF3_vint_NEW	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	MF3_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	MF3_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	MF3_vint_NEW	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	Ex	MF3_vint_NEW	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	Ex	MM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	MM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	MM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	MM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	MM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	SM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	SM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	SM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	Ex	SM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	SM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	SM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	SM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	SM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	SM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	SM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	SM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	SM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SF_vint_old	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	New	SF_vint_old	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	New	SF_vint_old	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	New	SF_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	New	SF_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SF_vint_old	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	SF_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	New	SF_vint_old	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	New	SF_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SF_vint_NEW	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	New	SF_vint_NEW	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	New	SF_vint_NEW	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	New	SF_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	New	SF_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SF_vint_NEW	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	SF_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	New	SF_vint_NEW	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	New	SF_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF3_vint_old	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	MF3_vint_old	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	New	MF3_vint_old	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	New	MF3_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	New	MF3_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF3_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	New	MF3_vint_old	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	New	MF3_vint_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	New	MF3_vint_NEW	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	MF3_vint_NEW	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	New	MF3_vint_NEW	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	New	MF3_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	New	MF3_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MF3_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	New	MF3_vint_NEW	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	New	MF3_vint_NEW	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	New	MM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	MM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	MM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	MM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	MM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	MM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	MM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	MM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	MM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	SM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	SM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	SM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	SM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93

San Diego Gas and Electric Company
Residential
Gas Fuel Market Shares
Table Res-10.2

Share	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SHARE	Ex	SF_vint_old	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	Ex	SF_vint_old	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_old	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	SF_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_old	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	SF_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	SF_vint_old	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	Ex	SF_vint_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_NEW	Barbecue	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SHARE	Ex	SF_vint_NEW	Cooking	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_NEW	Drying	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SHARE	Ex	SF_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	SF_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	SF_vint_NEW	Pool	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	SF_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	SF_vint_NEW	Space_Heat	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SHARE	Ex	SF_vint_NEW	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_old	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	MF3_vint_old	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	Ex	MF3_vint_old	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	MF3_vint_old	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	MF3_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_old	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	MF3_vint_old	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	Ex	MF3_vint_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	Ex	MF3_vint_NEW	Barbecue	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	MF3_vint_NEW	Cooking	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SHARE	Ex	MF3_vint_NEW	Drying	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	MF3_vint_NEW	Fireplace	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SHARE	Ex	MF3_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MF3_vint_NEW	Spa	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SHARE	Ex	MF3_vint_NEW	Space_Heat	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SHARE	Ex	MF3_vint_NEW	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SHARE	Ex	MM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	MM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	MM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	MM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	MM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	MM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	MM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	Ex	SM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	Ex	SM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	Ex	SM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	Ex	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	MM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	MM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_old	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	SM_vint_old	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	SM_vint_old	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_old	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_old	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_NEW	Barbecue	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SHARE	New	SM_vint_NEW	Cooking	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
SHARE	New	SM_vint_NEW	Drying	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SHARE	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	SM_vint_NEW	Space_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SHARE	New	SM_vint_NEW	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93

San Diego Gas and Electric Company
Residential
Average Gas Consumption Per Unit (therm)
Table Res-11.1

UEC	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
UEC	Ex	SF_vint_old	Barbecue	11.68	11.68	11.65	11.64	11.63	11.62	11.60	11.59
UEC	Ex	SF_vint_old	Cooking	29.72	29.73	29.66	29.63	29.60	29.58	29.53	29.49
UEC	Ex	SF_vint_old	Drying	27.83	27.84	27.77	27.74	27.71	27.69	27.65	27.61
UEC	Ex	SF_vint_old	Fireplace	8.55	8.55	8.53	8.52	8.51	8.50	8.49	8.48
UEC	Ex	SF_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SF_vint_old	Pool	125.71	125.74	125.44	125.30	125.18	125.09	124.88	124.73
UEC	Ex	SF_vint_old	Spa	93.81	93.83	93.60	93.50	93.41	93.34	93.19	93.07
UEC	Ex	SF_vint_old	Space_Heat	137.22	137.25	136.92	136.77	136.64	136.54	136.32	136.15
UEC	Ex	SF_vint_old	Water_Heat	116.05	116.07	115.79	115.67	115.56	115.47	115.28	115.14
UEC	Ex	SF_vint_NEW	Barbecue	9.58	9.58	9.56	9.55	9.54	9.53	9.52	9.51
UEC	Ex	SF_vint_NEW	Cooking	29.72	29.73	29.66	29.63	29.60	29.58	29.53	29.49
UEC	Ex	SF_vint_NEW	Drying	27.83	27.84	27.77	27.74	27.71	27.69	27.65	27.61
UEC	Ex	SF_vint_NEW	Fireplace	7.02	7.02	7.00	6.99	6.99	6.98	6.97	6.96
UEC	Ex	SF_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SF_vint_NEW	Pool	103.20	103.22	102.97	102.86	102.76	102.69	102.51	102.39
UEC	Ex	SF_vint_NEW	Spa	77.08	77.10	76.91	76.83	76.76	76.70	76.57	76.48
UEC	Ex	SF_vint_NEW	Space_Heat	123.84	123.86	123.56	123.43	123.31	123.22	123.02	122.87
UEC	Ex	SF_vint_NEW	Water_Heat	111.41	111.43	111.16	111.04	110.93	110.85	110.67	110.53
UEC	Ex	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_old	Barbecue	5.70	5.71	5.70	5.69	5.69	5.69	5.68	5.68
UEC	Ex	MF3_vint_old	Cooking	29.65	29.66	29.62	29.60	29.58	29.57	29.54	29.52
UEC	Ex	MF3_vint_old	Drying	27.45	27.46	27.42	27.40	27.39	27.38	27.35	27.33
UEC	Ex	MF3_vint_old	Fireplace	4.02	4.02	4.01	4.01	4.01	4.00	4.00	4.00
UEC	Ex	MF3_vint_old	Other	29.67	29.67	29.63	29.61	29.59	29.58	29.55	29.53
UEC	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_old	Spa	49.31	49.31	49.25	49.22	49.19	49.17	49.12	49.09
UEC	Ex	MF3_vint_old	Space_Heat	95.15	95.16	95.03	94.97	94.92	94.88	94.79	94.72
UEC	Ex	MF3_vint_old	Water_Heat	108.76	108.77	108.62	108.55	108.49	108.45	108.34	108.27
UEC	Ex	MF3_vint_NEW	Barbecue	3.55	3.55	3.54	3.54	3.54	3.54	3.53	3.53
UEC	Ex	MF3_vint_NEW	Cooking	29.65	29.66	29.62	29.60	29.58	29.57	29.54	29.52
UEC	Ex	MF3_vint_NEW	Drying	27.45	27.46	27.42	27.40	27.39	27.38	27.35	27.33
UEC	Ex	MF3_vint_NEW	Fireplace	4.02	4.02	4.01	4.01	4.01	4.00	4.00	4.00
UEC	Ex	MF3_vint_NEW	Other	29.67	29.67	29.63	29.61	29.59	29.58	29.55	29.53
UEC	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_NEW	Spa	49.31	49.31	49.25	49.22	49.19	49.17	49.12	49.09
UEC	Ex	MF3_vint_NEW	Space_Heat	81.05	81.06	80.95	80.90	80.86	80.82	80.75	80.69
UEC	Ex	MF3_vint_NEW	Water_Heat	108.76	108.77	108.62	108.55	108.49	108.45	108.34	108.27
UEC	Ex	MM_vint_old	Barbecue	5.92	5.92	5.92	5.92	5.92	5.91	5.91	5.91
UEC	Ex	MM_vint_old	Cooking	13.99	13.99	13.98	13.97	13.97	13.97	13.96	13.96
UEC	Ex	MM_vint_old	Drying	15.24	15.24	15.24	15.23	15.23	15.22	15.22	15.21
UEC	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Space_Heat	65.05	65.05	65.01	64.99	64.97	64.96	64.93	64.91
UEC	Ex	MM_vint_old	Water_Heat	61.98	61.99	61.95	61.93	61.91	61.90	61.88	61.86
UEC	Ex	MM_vint_NEW	Barbecue	7.80	7.81	7.80	7.80	7.80	7.79	7.79	7.79
UEC	Ex	MM_vint_NEW	Cooking	18.57	18.57	18.55	18.55	18.55	18.54	18.53	18.53
UEC	Ex	MM_vint_NEW	Drying	20.15	20.15	20.14	20.13	20.13	20.13	20.12	20.11
UEC	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Space_Heat	86.34	86.34	86.29	86.26	86.24	86.23	86.19	86.16
UEC	Ex	MM_vint_NEW	Water_Heat	82.27	82.28	82.23	82.20	82.18	82.17	82.13	82.11
UEC	Ex	SM_vint_old	Barbecue	9.45	9.45	9.44	9.43	9.43	9.42	9.42	9.41

UEC	Ex	SM_vint_old	Cooking	17.07	17.07	17.05	17.04	17.04	17.03	17.01	17.00
UEC	Ex	SM_vint_old	Drying	18.63	18.64	18.61	18.60	18.59	18.59	18.57	18.56
UEC	Ex	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Space_Heat	135.60	135.62	135.45	135.37	135.30	135.25	135.13	135.04
UEC	Ex	SM_vint_old	Water_Heat	79.52	79.53	79.43	79.39	79.35	79.32	79.25	79.20
UEC	Ex	SM_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_NEW	Barbecue	9.58	9.58	9.56	9.55	9.54	9.53	9.52	9.51
UEC	New	SF_vint_NEW	Cooking	29.72	29.73	29.66	29.63	29.60	29.58	29.53	29.49
UEC	New	SF_vint_NEW	Drying	27.83	27.84	27.77	27.74	27.71	27.69	27.65	27.61
UEC	New	SF_vint_NEW	Fireplace	7.02	7.02	7.00	6.99	6.99	6.98	6.97	6.96
UEC	New	SF_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_NEW	Pool	103.20	103.22	102.97	102.86	102.76	102.69	102.51	102.39
UEC	New	SF_vint_NEW	Spa	77.08	77.10	76.91	76.83	76.76	76.70	76.57	76.48
UEC	New	SF_vint_NEW	Space_Heat	123.84	123.86	123.56	123.43	123.31	123.22	123.02	122.87
UEC	New	SF_vint_NEW	Water_Heat	111.41	111.43	111.16	111.04	110.93	110.85	110.67	110.53
UEC	New	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_NEW	Barbecue	3.55	3.55	3.54	3.54	3.54	3.54	3.53	3.53
UEC	New	MF3_vint_NEW	Cooking	29.65	29.66	29.62	29.60	29.58	29.57	29.54	29.52
UEC	New	MF3_vint_NEW	Drying	27.45	27.46	27.42	27.40	27.39	27.38	27.35	27.33
UEC	New	MF3_vint_NEW	Fireplace	4.02	4.02	4.01	4.01	4.01	4.00	4.00	4.00
UEC	New	MF3_vint_NEW	Other	29.67	29.67	29.63	29.61	29.59	29.58	29.55	29.53
UEC	New	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_NEW	Spa	49.31	49.31	49.25	49.22	49.19	49.17	49.12	49.09
UEC	New	MF3_vint_NEW	Space_Heat	81.05	81.06	80.95	80.90	80.86	80.82	80.75	80.69
UEC	New	MF3_vint_NEW	Water_Heat	108.76	108.77	108.62	108.55	108.49	108.45	108.34	108.27
UEC	New	MM_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Barbecue	7.80	7.81	7.80	7.80	7.80	7.79	7.79	7.79

UEC	New	MM_vint_NEW	Cooking	18.57	18.57	18.55	18.55	18.55	18.54	18.53	18.53
UEC	New	MM_vint_NEW	Drying	20.15	20.15	20.14	20.13	20.13	20.13	20.12	20.11
UEC	New	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Space_Heat	86.34	86.34	86.29	86.26	86.24	86.23	86.19	86.16
UEC	New	MM_vint_NEW	Water_Heat	82.27	82.28	82.23	82.20	82.18	82.17	82.13	82.11
UEC	New	SM_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

San Diego Gas and Electric Company
Residential
Average Gas Consumption Per Unit (therm)
Table Res-11.2

UEC	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
UEC	Ex	SF_vint_old	Barbecue	11.58	11.58	11.57	11.59	11.59	11.58	11.58	11.57
UEC	Ex	SF_vint_old	Cooking	29.48	29.48	29.46	29.49	29.50	29.48	29.47	29.45
UEC	Ex	SF_vint_old	Drying	27.60	27.60	27.58	27.61	27.62	27.60	27.59	27.57
UEC	Ex	SF_vint_old	Fireplace	8.48	8.47	8.47	8.48	8.48	8.48	8.47	8.47
UEC	Ex	SF_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SF_vint_old	Pool	124.67	124.66	124.60	124.73	124.75	124.69	124.63	124.56
UEC	Ex	SF_vint_old	Spa	93.03	93.02	92.98	93.08	93.09	93.04	93.00	92.95
UEC	Ex	SF_vint_old	Space_Heat	136.09	136.07	136.01	136.15	136.18	136.10	136.04	135.96
UEC	Ex	SF_vint_old	Water_Heat	115.09	115.08	115.02	115.14	115.16	115.10	115.05	114.98
UEC	Ex	SF_vint_NEW	Barbecue	9.50	9.50	9.50	9.51	9.51	9.50	9.50	9.49
UEC	Ex	SF_vint_NEW	Cooking	29.48	29.48	29.46	29.49	29.50	29.48	29.47	29.45
UEC	Ex	SF_vint_NEW	Drying	27.60	27.60	27.58	27.61	27.62	27.60	27.59	27.57
UEC	Ex	SF_vint_NEW	Fireplace	6.96	6.96	6.95	6.96	6.96	6.96	6.96	6.95
UEC	Ex	SF_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SF_vint_NEW	Pool	102.34	102.33	102.28	102.39	102.41	102.35	102.31	102.25
UEC	Ex	SF_vint_NEW	Spa	76.45	76.44	76.40	76.48	76.50	76.45	76.42	76.38
UEC	Ex	SF_vint_NEW	Space_Heat	122.81	122.80	122.74	122.87	122.89	122.82	122.77	122.70
UEC	Ex	SF_vint_NEW	Water_Heat	110.49	110.47	110.42	110.54	110.56	110.50	110.45	110.38
UEC	Ex	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_old	Barbecue	5.68	5.68	5.68	5.68	5.68	5.68	5.68	5.67
UEC	Ex	MF3_vint_old	Cooking	29.51	29.51	29.50	29.52	29.53	29.52	29.51	29.50
UEC	Ex	MF3_vint_old	Drying	27.32	27.32	27.31	27.33	27.33	27.33	27.32	27.31
UEC	Ex	MF3_vint_old	Fireplace	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.99
UEC	Ex	MF3_vint_old	Other	29.53	29.52	29.52	29.53	29.54	29.53	29.52	29.51
UEC	Ex	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_old	Spa	49.07	49.07	49.06	49.09	49.09	49.08	49.06	49.05
UEC	Ex	MF3_vint_old	Space_Heat	94.70	94.69	94.67	94.72	94.73	94.70	94.68	94.65
UEC	Ex	MF3_vint_old	Water_Heat	108.24	108.23	108.20	108.27	108.28	108.25	108.22	108.18
UEC	Ex	MF3_vint_NEW	Barbecue	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53
UEC	Ex	MF3_vint_NEW	Cooking	29.51	29.51	29.50	29.52	29.53	29.52	29.51	29.50
UEC	Ex	MF3_vint_NEW	Drying	27.32	27.32	27.31	27.33	27.33	27.33	27.32	27.31
UEC	Ex	MF3_vint_NEW	Fireplace	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.99
UEC	Ex	MF3_vint_NEW	Other	29.53	29.52	29.52	29.53	29.54	29.53	29.52	29.51
UEC	Ex	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MF3_vint_NEW	Spa	49.07	49.07	49.06	49.09	49.09	49.08	49.06	49.05
UEC	Ex	MF3_vint_NEW	Space_Heat	80.67	80.66	80.64	80.69	80.70	80.67	80.65	80.63
UEC	Ex	MF3_vint_NEW	Water_Heat	108.24	108.23	108.20	108.27	108.28	108.25	108.22	108.18
UEC	Ex	MM_vint_old	Barbecue	5.91	5.91	5.91	5.91	5.91	5.91	5.91	5.91
UEC	Ex	MM_vint_old	Cooking	13.96	13.96	13.95	13.96	13.96	13.96	13.96	13.95
UEC	Ex	MM_vint_old	Drying	15.21	15.21	15.21	15.21	15.21	15.21	15.21	15.21
UEC	Ex	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_old	Space_Heat	64.91	64.90	64.90	64.91	64.92	64.91	64.90	64.89
UEC	Ex	MM_vint_old	Water_Heat	61.85	61.85	61.84	61.86	61.86	61.85	61.84	61.83
UEC	Ex	MM_vint_NEW	Barbecue	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79
UEC	Ex	MM_vint_NEW	Cooking	18.53	18.53	18.52	18.53	18.53	18.53	18.52	18.52
UEC	Ex	MM_vint_NEW	Drying	20.11	20.11	20.10	20.11	20.11	20.11	20.11	20.10
UEC	Ex	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	MM_vint_NEW	Space_Heat	86.15	86.15	86.14	86.16	86.17	86.15	86.14	86.13
UEC	Ex	MM_vint_NEW	Water_Heat	82.10	82.09	82.08	82.11	82.11	82.10	82.09	82.08
UEC	Ex	SM_vint_old	Barbecue	9.41	9.41	9.40	9.41	9.41	9.41	9.41	9.40

UEC	Ex	SM_vint_old	Cooking	17.00	17.00	16.99	17.00	17.00	17.00	17.00	16.99
UEC	Ex	SM_vint_old	Drying	18.55	18.55	18.55	18.56	18.56	18.55	18.55	18.54
UEC	Ex	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_old	Space_Heat	135.01	135.01	134.97	135.05	135.06	135.02	134.99	134.95
UEC	Ex	SM_vint_old	Water_Heat	79.18	79.17	79.15	79.20	79.21	79.18	79.16	79.14
UEC	Ex	SM_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	Ex	SM_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_NEW	Barbecue	9.50	9.50	9.50	9.51	9.51	9.50	9.50	9.49
UEC	New	SF_vint_NEW	Cooking	29.48	29.48	29.46	29.49	29.50	29.48	29.47	29.45
UEC	New	SF_vint_NEW	Drying	27.60	27.60	27.58	27.61	27.62	27.60	27.59	27.57
UEC	New	SF_vint_NEW	Fireplace	6.96	6.96	6.95	6.96	6.96	6.96	6.96	6.95
UEC	New	SF_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SF_vint_NEW	Pool	102.34	102.33	102.28	102.39	102.41	102.35	102.31	102.25
UEC	New	SF_vint_NEW	Spa	76.45	76.44	76.40	76.48	76.50	76.45	76.42	76.38
UEC	New	SF_vint_NEW	Space_Heat	122.81	122.80	122.74	122.87	122.89	122.82	122.77	122.70
UEC	New	SF_vint_NEW	Water_Heat	110.49	110.47	110.42	110.54	110.56	110.50	110.45	110.38
UEC	New	MF2_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF2_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_NEW	Barbecue	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53
UEC	New	MF3_vint_NEW	Cooking	29.51	29.51	29.50	29.52	29.53	29.52	29.51	29.50
UEC	New	MF3_vint_NEW	Drying	27.32	27.32	27.31	27.33	27.33	27.33	27.32	27.31
UEC	New	MF3_vint_NEW	Fireplace	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.99
UEC	New	MF3_vint_NEW	Other	29.53	29.52	29.52	29.53	29.54	29.53	29.52	29.51
UEC	New	MF3_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MF3_vint_NEW	Spa	49.07	49.07	49.06	49.09	49.09	49.08	49.06	49.05
UEC	New	MF3_vint_NEW	Space_Heat	80.67	80.66	80.64	80.69	80.70	80.67	80.65	80.63
UEC	New	MF3_vint_NEW	Water_Heat	108.24	108.23	108.20	108.27	108.28	108.25	108.22	108.18
UEC	New	MM_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Barbecue	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79

UEC	New	MM_vint_NEW	Cooking	18.53	18.53	18.52	18.53	18.53	18.53	18.52	18.52
UEC	New	MM_vint_NEW	Drying	20.11	20.11	20.10	20.11	20.11	20.11	20.11	20.10
UEC	New	MM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	MM_vint_NEW	Space_Heat	86.15	86.15	86.14	86.16	86.17	86.15	86.14	86.13
UEC	New	MM_vint_NEW	Water_Heat	82.10	82.09	82.08	82.11	82.11	82.10	82.09	82.08
UEC	New	SM_vint_old	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_old	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Barbecue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Fireplace	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Spa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Space_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UEC	New	SM_vint_NEW	Water_Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

San Diego Gas and Electric Company
Residential
Real Gas Rate Forecasts (\$/therm)
Table Res-12

Year		Real Rate
2025	\$	1.97
2026	\$	1.94
2027	\$	2.00
2028	\$	2.04
2029	\$	2.07
2030	\$	2.09
2031	\$	2.14
2032	\$	2.17
2033	\$	2.19
2034	\$	2.20
2035	\$	2.22
2036	\$	2.21
2037	\$	2.21
2038	\$	2.24
2039	\$	2.26
2040	\$	2.28

CORE COMMERCIAL

Core Commercial End-Use Model Description

Introduction:

SDG&E used the Navigator model to generate annual gas demand forecasts for the core commercial market. The core commercial forecast consists of the commercial portion of the GN-3 load. SDG&E used the Navigator parametric end use model to prepare the core commercial long-term forecast. The model's market segmentation description and end-use modeling framework are presented in the previous section of the SDG&E workpapers.

The SDG&E core commercial GN-3 segmentation contains the following nine types:

- office
- restaurant
- retail
- laundry
- education
- health
- lodging
- agriculture
- other/miscellaneous

There are two vintages. These are "old" and "new". The classification termed old describes existing customers (established prior to the year 2021) whereas "new" describes the new commercial portion of GN-3 meter hookups set up in year 2021 and beyond.

The core commercial portion of the GN-3 model identifies eleven end-uses that are the primary drivers of natural gas demand. These are:

- space heating
- water heating
- drying
- engine
- AC compressor
- cooking
- cooktop
- fryer
- griddle
- other cooking
- other/miscellaneous

A set of post-model adjustments were applied to the model's annual demand forecast. The first adjustment calibrates to the recorded 2025 weather-adjusted demand, or the "base" year demand. Next, the annual Navigator forecast was parceled out to a series of monthly forecasts by applying weights based on the customer's predicted monthly usage share in total annual consumption. The shares were applied to annual totals to derive the stream of monthly forecasts which are conditional on the particular weather design specification for the entire year. An adjustment to the forecast offsets the throughput by the energy efficiency (EE) savings. The forecast was also reduced by the Additional Achievable Fuel Substitution (AAFS) Scenario 1 Programs and incremental Codes and Standards (PiCS) from the California Energy Commission's 2025 Integrated Energy Policy Report (IEPR).

The forecast was adjusted further for anticipated climate change. To account for anticipated weather that is "less cold" and more variable, the average year weather design was reduced by 5.3 fewer heating degree days each year over the forecast period for SDG&E.

Tables 1-4 in the following section illustrate the core commercial GN-3 monthly forecast under each of the weather design scenarios (average year, cold year, hot year and base year). Table 5 shows the out of model adjustments including the energy efficiency and fuel substitution forecasts.

Data Sources:

The data used to populate the Navigator model template and used to generate the unadjusted base forecast includes base year historical consumption and customer counts; price elasticities; historical meter counts (total and by vintage type), use per meter (total and by vintage type), saturation, fuel shares and unit energy consumption (UEC) values. The 2025 historical data is in Table 6. Tables 7-11 show accounts, units, saturations, fuel shares and UEC's. Table 12 contains the inflation-adjusted real gas rates forecast for this market.

San Diego Gas and Electric Company
Core Commercial Demand Forecast (Mdth)
Average Temperature
Table CoreCom-1

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	1,730	1,312	1,640	1,338	1,226	1,316	1,124	1,042	956	1,211	1,234	1,730	15,858
2026	1,710	1,297	1,621	1,324	1,213	1,303	1,113	1,031	946	1,198	1,220	1,710	15,686
2027	1,665	1,262	1,579	1,289	1,181	1,270	1,084	1,005	922	1,167	1,188	1,665	15,278
2028	1,622	1,229	1,538	1,256	1,152	1,238	1,058	980	899	1,138	1,158	1,622	14,891
2029	1,577	1,195	1,496	1,222	1,121	1,206	1,030	955	875	1,108	1,127	1,577	14,489
2030	1,560	1,182	1,481	1,210	1,110	1,194	1,020	946	867	1,098	1,115	1,560	14,346
2031	1,538	1,166	1,460	1,194	1,096	1,179	1,007	934	856	1,084	1,100	1,538	14,154
2032	1,518	1,150	1,441	1,179	1,082	1,165	995	922	846	1,071	1,086	1,518	13,973
2033	1,500	1,136	1,425	1,166	1,071	1,153	985	913	837	1,060	1,074	1,500	13,822
2034	1,484	1,124	1,410	1,154	1,060	1,142	976	904	829	1,050	1,063	1,484	13,680
2035	1,466	1,110	1,394	1,141	1,049	1,130	966	895	821	1,038	1,051	1,466	13,526
2036	1,463	1,108	1,392	1,139	1,048	1,129	965	894	820	1,038	1,050	1,463	13,510
2037	1,459	1,104	1,388	1,137	1,046	1,127	963	893	819	1,036	1,047	1,459	13,478
2038	1,453	1,099	1,383	1,133	1,042	1,124	961	891	817	1,033	1,043	1,453	13,431
2039	1,449	1,096	1,379	1,130	1,041	1,123	960	889	816	1,031	1,041	1,449	13,404
2040	1,447	1,094	1,378	1,129	1,040	1,122	959	889	815	1,031	1,040	1,447	13,394

San Diego Gas and Electric Company
Core Commercial Demand Forecast (Mdth)
Cold Temperature
Table CoreCom-2

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	1,828	1,396	1,710	1,379	1,245	1,320	1,124	1,042	956	1,218	1,275	1,827	16,319
2026	1,809	1,381	1,692	1,365	1,232	1,306	1,113	1,031	946	1,205	1,262	1,808	16,151
2027	1,762	1,346	1,649	1,330	1,201	1,273	1,085	1,005	922	1,174	1,230	1,762	15,739
2028	1,719	1,313	1,608	1,297	1,171	1,241	1,058	980	899	1,146	1,199	1,719	15,351
2029	1,674	1,278	1,566	1,263	1,141	1,209	1,030	955	876	1,115	1,168	1,673	14,948
2030	1,657	1,265	1,551	1,251	1,130	1,198	1,021	946	868	1,105	1,156	1,657	14,804
2031	1,635	1,248	1,530	1,235	1,115	1,182	1,008	934	857	1,091	1,141	1,634	14,609
2032	1,614	1,232	1,511	1,219	1,102	1,168	995	923	846	1,078	1,127	1,613	14,427
2033	1,596	1,218	1,494	1,206	1,090	1,156	985	913	838	1,067	1,115	1,596	14,275
2034	1,580	1,206	1,479	1,194	1,080	1,145	976	905	830	1,056	1,104	1,579	14,133
2035	1,562	1,192	1,463	1,181	1,068	1,133	966	895	821	1,045	1,091	1,561	13,978
2036	1,559	1,190	1,461	1,180	1,067	1,132	965	895	821	1,045	1,090	1,559	13,962
2037	1,554	1,186	1,457	1,177	1,065	1,131	964	893	819	1,043	1,088	1,554	13,930
2038	1,548	1,181	1,451	1,173	1,061	1,127	961	891	817	1,040	1,084	1,548	13,882
2039	1,544	1,178	1,448	1,171	1,060	1,126	960	889	816	1,038	1,081	1,544	13,854
2040	1,542	1,176	1,446	1,170	1,059	1,126	960	889	816	1,038	1,080	1,541	13,843

San Diego Gas and Electric Company
Core Commercial Demand Forecast (Mdth)
Hot Temperature
Table CoreCom-3

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	1,633	1,229	1,569	1,297	1,206	1,313	1,124	1,042	955	1,203	1,192	1,633	15,397
2026	1,612	1,213	1,551	1,282	1,193	1,299	1,112	1,031	945	1,191	1,179	1,613	15,222
2027	1,567	1,179	1,508	1,248	1,162	1,266	1,084	1,005	921	1,160	1,147	1,568	14,816
2028	1,524	1,146	1,468	1,215	1,132	1,235	1,057	980	899	1,131	1,117	1,525	14,431
2029	1,480	1,112	1,426	1,181	1,102	1,202	1,030	954	875	1,101	1,086	1,480	14,030
2030	1,464	1,100	1,411	1,169	1,091	1,191	1,020	946	867	1,091	1,075	1,464	13,888
2031	1,442	1,083	1,391	1,153	1,076	1,176	1,007	934	856	1,077	1,060	1,443	13,698
2032	1,422	1,068	1,372	1,138	1,063	1,162	995	922	846	1,064	1,046	1,422	13,519
2033	1,405	1,054	1,356	1,125	1,052	1,150	985	913	837	1,053	1,034	1,405	13,369
2034	1,388	1,042	1,341	1,114	1,041	1,139	976	904	829	1,043	1,023	1,389	13,228
2035	1,371	1,028	1,325	1,101	1,029	1,127	965	895	820	1,031	1,011	1,371	13,075
2036	1,368	1,026	1,323	1,099	1,028	1,126	965	894	820	1,031	1,009	1,368	13,058
2037	1,363	1,022	1,319	1,096	1,026	1,124	963	893	819	1,029	1,007	1,364	13,026
2038	1,358	1,018	1,314	1,092	1,023	1,121	961	890	816	1,026	1,003	1,358	12,980
2039	1,354	1,015	1,311	1,090	1,021	1,119	959	889	815	1,024	1,001	1,355	12,955
2040	1,352	1,013	1,309	1,089	1,021	1,119	959	889	815	1,024	1,000	1,353	12,945

San Diego Gas and Electric Company
Core Commercial Demand Forecast (Mdt)
Base Temperature
Table CoreCom-4

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	1,164	1,052	1,164	1,127	1,164	1,127	1,164	1,164	1,127	1,164	1,127	1,164	13,708
2026	1,148	1,037	1,148	1,111	1,148	1,111	1,148	1,148	1,111	1,148	1,111	1,148	13,519
2027	1,115	1,007	1,115	1,079	1,115	1,079	1,115	1,115	1,079	1,115	1,079	1,115	13,123
2028	1,082	978	1,082	1,047	1,082	1,047	1,082	1,082	1,047	1,082	1,047	1,082	12,743
2029	1,049	947	1,049	1,015	1,049	1,015	1,049	1,049	1,015	1,049	1,015	1,049	12,347
2030	1,037	937	1,037	1,003	1,037	1,003	1,037	1,037	1,003	1,037	1,003	1,037	12,209
2031	1,021	923	1,021	988	1,021	988	1,021	1,021	988	1,021	988	1,021	12,026
2032	1,007	909	1,007	974	1,007	974	1,007	1,007	974	1,007	974	1,007	11,854
2033	994	898	994	962	994	962	994	994	962	994	962	994	11,707
2034	982	887	982	951	982	951	982	982	951	982	951	982	11,568
2035	970	876	970	938	970	938	970	970	938	970	938	970	11,418
2036	968	874	968	937	968	937	968	968	937	968	937	968	11,399
2037	966	872	966	934	966	934	966	966	934	966	934	966	11,369
2038	962	869	962	931	962	931	962	962	931	962	931	962	11,327
2039	960	867	960	929	960	929	960	960	929	960	929	960	11,304
2040	960	867	960	929	960	929	960	960	929	960	929	960	11,298

**San Diego Gas and Electric Company
Core Commercial G-10
Out-Of-Model Adjustments (MdtH)
Table CoreCom-5**

Year	Climate Change	Energy Efficiency	AAFS
2025	0	0	0
2026	-10	-84	-199
2027	-19	-175	-417
2028	-29	-267	-651
2029	-38	-363	-904
2030	-48	-454	-911
2031	-57	-560	-917
2032	-67	-667	-924
2033	-76	-770	-931
2034	-85	-875	-937
2035	-95	-982	-941
2036	-104	-1004	-944
2037	-114	-1019	-941
2038	-123	-1036	-928
2039	-132	-1053	-897
2040	-141	-1078	-839

San Diego Gas and Electric Company
Core Commercial G-10
Base Year Throughput and Customer Counts
Table CoreCom-6

Business Type	2025 Weather- adjusted Therm Sales	2025 Meter Count	2025 Meter Count of Existing customers	2025 Meter Count of New Customers	Avg Use Per Meter of Existing Customers	Avg Use Per Meter of New Customers	Price Elasticity
Office	32,468,524	5,849	5,797	52	5,413	20,984	-0.26262
Restaurant	33,940,931	5,762	5,700	62	5,894	5,612	-0.05592
Retail	10,012,953	2,412	2,407	5	4,149	5,136	-0.04226
Laundry	5,185,921	359	359	-	14,445	-	-0.01660
Education	9,218,042	1,182	1,174	8	7,833	2,704	-0.27169
Health	10,553,274	687	682	5	14,610	117,785	-0.10461
Lodging	14,057,461	781	772	9	17,954	21,869	-0.12368
Misc	41,377,647	8,560	7,970	590	4,502	9,320	-0.17366
Agriculture	1,765,654	80	79	1	22,346	321	-0.19933
Total	158,580,408	25,672					

San Diego Gas and Electric Company
Core Commercial G-10
Accounts
Table CoreCom-7

Segment ID	2025	2026	2027	2028	2029	2030	2031	2032
Agriculture_new	1	1	1	1	1	1	1	1
Agriculture_old	79	79	79	79	78	78	78	78
Health_new	5	7	9	11	13	15	17	19
Health_old	682	681	679	677	675	673	671	669
Laundry_new	0	0	0	0	0	0	0	0
Laundry_old	359	359	358	358	357	357	357	356
Lodging_new	9	11	13	16	18	20	22	24
Lodging_old	772	771	769	766	764	762	760	758
Misc_new	590	807	1,023	1,240	1,456	1,673	1,889	2,106
Misc_old	7,970	7,777	7,571	7,364	7,158	6,954	6,747	6,539
Office_new	52	65	77	90	102	115	127	140
Office_old	5,797	5,793	5,780	5,767	5,754	5,743	5,729	5,716
Restaurant_new	62	81	99	118	136	155	174	192
Restaurant_old	5,700	5,690	5,671	5,651	5,633	5,615	5,595	5,576
Retail_new	5	5	5	5	5	5	5	5
Retail_old	2,407	2,400	2,390	2,380	2,370	2,360	2,349	2,339
Education_new	8	13	19	24	29	35	40	45
Education_old	1,174	1,170	1,165	1,160	1,154	1,149	1,144	1,138

Segment ID	2033	2034	2035	2036	2037	2038	2039	2040
Agriculture_new	1	1	1	1	1	1	1	1
Agriculture_old	77	77	77	77	77	77	76	76
Health_new	21	23	25	27	29	30	32	34
Health_old	667	665	663	661	659	657	655	653
Laundry_new	0	0	0	0	0	0	0	0
Laundry_old	356	355	355	355	354	354	354	353
Lodging_new	26	29	31	33	35	37	39	42
Lodging_old	755	753	751	749	747	744	742	740
Misc_new	2,322	2,539	2,755	2,971	3,188	3,404	3,621	3,837
Misc_old	6,332	6,125	5,918	5,712	5,508	5,303	5,097	4,892
Office_new	153	165	178	190	203	215	228	240
Office_old	5,702	5,688	5,675	5,662	5,650	5,638	5,626	5,614
Restaurant_new	211	230	248	267	285	304	323	341
Restaurant_old	5,556	5,537	5,517	5,499	5,481	5,462	5,444	5,425
Retail_new	5	5	5	5	5	5	5	5
Retail_old	2,328	2,317	2,307	2,297	2,287	2,277	2,267	2,257
Education_new	50	56	61	66	72	77	82	87
Education_old	1,133	1,127	1,122	1,116	1,111	1,106	1,101	1,096

Note: For each business segment in the above and following tables in this section, there is a postfix that "_old" refers to the vintage on and before 2020 while "_new" refers to the vintage after 2020.

San Diego Gas and Electric Company
Core Commercial G-10
Units
Table CoreCom-8

Segment ID	Units
Agriculture_new	1
Agriculture_old	79
Health_new	5
Health_old	682
Laundry_new	-
Laundry_old	359
Lodging_new	9
Lodging_old	772
Misc_new	590
Misc_old	7,970
Office_new	52
Office_old	5,797
Restaurant_new	62
Restaurant_old	5,700
Retail_new	5
Retail_old	2,407
Education_new	8
Education_old	1,174

San Diego Gas and Electric Company
Core Commercial G-10
Saturation
Table CoreCom-9.1

Saturation	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SATURATION	Ex	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_new	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	Ex	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Agriculture_new	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	Ex	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_old	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	Ex	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Agriculture_old	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	Ex	Health_new	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	Ex	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_new	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	Ex	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_new	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	Ex	Health_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_old	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	Ex	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_old	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	Ex	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_old	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	Ex	Health_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Laundry_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Laundry_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Lodging_new	AC_Compressor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

SATURATION	Ex	Restaurant_new	Water_Heat	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SATURATION	Ex	Restaurant_old	AC_Compressor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
SATURATION	Ex	Restaurant_old	Cook_top	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
SATURATION	Ex	Restaurant_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Restaurant_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Restaurant_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Restaurant_old	Fryer	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Restaurant_old	Griddle	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	Ex	Restaurant_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Restaurant_old	Other_Cooking	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SATURATION	Ex	Restaurant_old	Space_Heat	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	Ex	Restaurant_old	Water_Heat	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SATURATION	Ex	Retail_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Cooking	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SATURATION	Ex	Retail_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Retail_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_new	Space_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SATURATION	Ex	Retail_new	Water_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	Ex	Retail_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Cooking	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SATURATION	Ex	Retail_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Retail_old	Space_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SATURATION	Ex	Retail_old	Water_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	Ex	EDUCATION_new	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	Ex	EDUCATION_new	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_new	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_new	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	EDUCATION_new	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_new	Space_Heat	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
SATURATION	Ex	EDUCATION_new	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SATURATION	Ex	EDUCATION_old	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	Ex	EDUCATION_old	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	EDUCATION_old	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_old	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	EDUCATION_old	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	EDUCATION_old	Space_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SATURATION	Ex	EDUCATION_old	Water_Heat	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
SATURATION	New	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Agriculture_new	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	New	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	New	Agriculture_new	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	New	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Agriculture_old	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	New	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

SATURATION	New	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Agriculture_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	New	Agriculture_old	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	New	Health_new	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	New	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Health_new	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	New	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Health_new	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_new	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	New	Health_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Health_old	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	New	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Health_old	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	New	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Health_old	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Health_old	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	New	Health_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	New	Laundry_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Laundry_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	New	Laundry_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Lodging_new	AC_Compressor	0.80	0.80	0.80	0.80	0.80	0.80	0.80
SATURATION	New	Lodging_new	Cook_top	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Lodging_new	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	New	Lodging_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Lodging_new	Fryer	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_new	Griddle	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Lodging_new	Other_Cooking	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_new	Space_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SATURATION	New	Lodging_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Lodging_old	AC_Compressor	0.80	0.80	0.80	0.80	0.80	0.80	0.80
SATURATION	New	Lodging_old	Cook_top	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Lodging_old	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	New	Lodging_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Lodging_old	Fryer	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_old	Griddle	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Lodging_old	Other_Cooking	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SATURATION	New	Lodging_old	Space_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SATURATION	New	Lodging_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Misc_new	AC_Compressor	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SATURATION	New	Misc_new	Cook_top	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SATURATION	New	Misc_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Misc_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Misc_new	Engine	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	New	Misc_new	Fryer	0.03	0.03	0.03	0.03	0.03	0.03	0.03

SATURATION	New	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Space_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SATURATION	New	Retail_old	Water_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	New	EDUCATION_new	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	New	EDUCATION_new	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	EDUCATION_new	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Space_Heat	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
SATURATION	New	EDUCATION_new	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SATURATION	New	EDUCATION_old	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	New	EDUCATION_old	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	EDUCATION_old	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Space_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SATURATION	New	EDUCATION_old	Water_Heat	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92

San Diego Gas and Electric Company
Core Commercial G-10
Saturation
Table CoreCom-9.2

Saturation	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SATURATION	Ex	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_new	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	Ex	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Agriculture_new	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	Ex	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_old	Engine	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SATURATION	Ex	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Agriculture_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Agriculture_old	Water_Heat	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SATURATION	Ex	Health_new	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	Ex	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_new	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	Ex	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_new	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_new	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	Ex	Health_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_old	AC_Compressor	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
SATURATION	Ex	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_old	Drying	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SATURATION	Ex	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Health_old	Other_Cooking	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Health_old	Space_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SATURATION	Ex	Health_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Laundry_new	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Drying	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	Ex	Laundry_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Laundry_old	Water_Heat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Lodging_new	AC_Compressor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

SATURATION	New	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	Retail_old	Space_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SATURATION	New	Retail_old	Water_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SATURATION	New	EDUCATION_new	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	New	EDUCATION_new	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_new	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	EDUCATION_new	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_new	Space_Heat	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
SATURATION	New	EDUCATION_new	Water_Heat	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
SATURATION	New	EDUCATION_old	AC_Compressor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SATURATION	New	EDUCATION_old	Cook_top	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SATURATION	New	EDUCATION_old	Fryer	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Griddle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	EDUCATION_old	Other_Cooking	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	EDUCATION_old	Space_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SATURATION	New	EDUCATION_old	Water_Heat	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92

San Diego Gas and Electric Company
Core Commercial G-10
Gas Fuel Market Shares
Table CoreCom-10.1

Share	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SHARE	Ex	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Agriculture_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Agriculture_new	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Agriculture_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Agriculture_old	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Health_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_new	Drying	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
SHARE	Ex	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Health_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Health_new	Space_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	Health_new	Water_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	Ex	Health_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Health_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Health_old	Space_Heat	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Health_old	Water_Heat	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SHARE	Ex	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Drying	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	Ex	Laundry_new	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Space_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Laundry_old	Water_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	Lodging_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

SHARE	Ex	Lodging_new	Cook_top	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Drying	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Lodging_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Fryer	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Griddle	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Other_Cooking	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Lodging_new	Water_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	Ex	Lodging_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Lodging_old	Cook_top	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	Ex	Lodging_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Fryer	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Griddle	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Other_Cooking	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Lodging_old	Water_Heat	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_new	Cook_top	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Misc_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Engine	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_new	Fryer	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
SHARE	Ex	Misc_new	Griddle	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Misc_new	Other	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Misc_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Misc_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	Misc_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_old	Fryer	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	Ex	Misc_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_old	Other	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	Misc_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Misc_old	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	Ex	Misc_old	Water_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	Ex	Office_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Office_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Office_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Office_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Space_Heat	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SHARE	Ex	Office_new	Water_Heat	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SHARE	Ex	Office_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Office_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Office_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Office_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Space_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	Ex	Office_old	Water_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Restaurant_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Restaurant_new	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Other_Cooking	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
SHARE	Ex	Restaurant_new	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62

SHARE	Ex	Restaurant_new	Water_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SHARE	Ex	Restaurant_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Restaurant_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Other_Cooking	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SHARE	Ex	Restaurant_old	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	Ex	Restaurant_old	Water_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Retail_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Cooking	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Retail_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Other	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	Ex	Retail_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Space_Heat	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Retail_new	Water_Heat	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
SHARE	Ex	Retail_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Cooking	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Retail_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Space_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	Ex	Retail_old	Water_Heat	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	EDUCATION_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	EDUCATION_new	Cook_top	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Fryer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Griddle	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Other	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SHARE	Ex	EDUCATION_new	Other_Cooking	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Space_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	EDUCATION_new	Water_Heat	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
SHARE	Ex	EDUCATION_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	EDUCATION_old	Cook_top	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Fryer	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Griddle	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Other	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	EDUCATION_old	Other_Cooking	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Space_Heat	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
SHARE	Ex	EDUCATION_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	New	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Agriculture_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Agriculture_new	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Agriculture_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Agriculture_old	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Health_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_new	Drying	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
SHARE	New	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Health_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Health_new	Space_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	Health_new	Water_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	New	Health_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Health_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Health_old	Space_Heat	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Health_old	Water_Heat	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SHARE	New	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Drying	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	New	Laundry_new	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Space_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	New	Laundry_old	Water_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	Lodging_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Lodging_new	Cook_top	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Drying	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Lodging_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Fryer	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Griddle	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Other_Cooking	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Lodging_new	Water_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	New	Lodging_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Lodging_old	Cook_top	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	New	Lodging_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Fryer	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Griddle	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Other_Cooking	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Lodging_old	Water_Heat	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_new	Cook_top	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Misc_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_new	Engine	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Misc_new	Fryer	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92

SHARE	New	Misc_new	Griddle	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Misc_new	Other	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Misc_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Misc_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_old	Fryer	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	New	Misc_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_old	Other	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	New	Misc_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Misc_old	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	New	Misc_old	Water_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	New	Office_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Office_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Office_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Office_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Space_Heat	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SHARE	New	Office_new	Water_Heat	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SHARE	New	Office_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Office_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Office_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Office_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Space_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	New	Office_old	Water_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Restaurant_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Restaurant_new	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Other_Cooking	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
SHARE	New	Restaurant_new	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	New	Restaurant_new	Water_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SHARE	New	Restaurant_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Restaurant_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Other_Cooking	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SHARE	New	Restaurant_old	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	New	Restaurant_old	Water_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Retail_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Cooking	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Retail_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Other	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	New	Retail_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Space_Heat	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Retail_new	Water_Heat	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
SHARE	New	Retail_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Cooking	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Retail_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Space_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	New	Retail_old	Water_Heat	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	EDUCATION_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	EDUCATION_new	Cook_top	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Fryer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Griddle	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Other	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SHARE	New	EDUCATION_new	Other_Cooking	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Space_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	EDUCATION_new	Water_Heat	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
SHARE	New	EDUCATION_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	EDUCATION_old	Cook_top	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Fryer	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Griddle	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Other	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	EDUCATION_old	Other_Cooking	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Space_Heat	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
SHARE	New	EDUCATION_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77

San Diego Gas and Electric Company
Core Commercial G-10
Gas Fuel Market Shares
Table CoreCom-10.2

Share	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SHARE	Ex	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Agriculture_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_new	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Agriculture_new	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Agriculture_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Agriculture_old	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Agriculture_old	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Health_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_new	Drying	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
SHARE	Ex	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Health_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Health_new	Space_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	Health_new	Water_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	Ex	Health_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	Ex	Health_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Health_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Health_old	Space_Heat	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Health_old	Water_Heat	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SHARE	Ex	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Drying	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_new	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	Ex	Laundry_new	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Laundry_old	Space_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Laundry_old	Water_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	Lodging_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

SHARE	Ex	Lodging_new	Cook_top	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Drying	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	Ex	Lodging_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Fryer	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Griddle	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_new	Other_Cooking	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Lodging_new	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Lodging_new	Water_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	Ex	Lodging_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Lodging_old	Cook_top	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	Ex	Lodging_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Fryer	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Griddle	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Lodging_old	Other_Cooking	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	Ex	Lodging_old	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Lodging_old	Water_Heat	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_new	Cook_top	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Misc_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Engine	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_new	Fryer	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
SHARE	Ex	Misc_new	Griddle	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Misc_new	Other	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	Ex	Misc_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	Ex	Misc_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	Ex	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	Misc_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Misc_old	Fryer	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	Ex	Misc_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Misc_old	Other	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	Ex	Misc_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	Ex	Misc_old	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	Ex	Misc_old	Water_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	Ex	Office_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Office_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Office_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Office_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_new	Space_Heat	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SHARE	Ex	Office_new	Water_Heat	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SHARE	Ex	Office_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Office_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Office_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Office_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Office_old	Space_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	Ex	Office_old	Water_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Restaurant_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Restaurant_new	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_new	Other_Cooking	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
SHARE	Ex	Restaurant_new	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62

SHARE	Ex	Restaurant_new	Water_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SHARE	Ex	Restaurant_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Restaurant_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Restaurant_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Restaurant_old	Other_Cooking	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SHARE	Ex	Restaurant_old	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	Ex	Restaurant_old	Water_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	Ex	Retail_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Cooking	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Retail_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Other	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	Ex	Retail_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_new	Space_Heat	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Retail_new	Water_Heat	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
SHARE	Ex	Retail_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Cooking	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Retail_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	Ex	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Retail_old	Space_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	Ex	Retail_old	Water_Heat	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	EDUCATION_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	EDUCATION_new	Cook_top	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_new	Fryer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Griddle	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Other	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SHARE	Ex	EDUCATION_new	Other_Cooking	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	EDUCATION_new	Space_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	EDUCATION_new	Water_Heat	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
SHARE	Ex	EDUCATION_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	EDUCATION_old	Cook_top	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	EDUCATION_old	Fryer	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Griddle	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Other	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	Ex	EDUCATION_old	Other_Cooking	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	EDUCATION_old	Space_Heat	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
SHARE	Ex	EDUCATION_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	New	Agriculture_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Agriculture_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Agriculture_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_new	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Agriculture_new	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Agriculture_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Drying	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Agriculture_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Agriculture_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	Agriculture_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Agriculture_old	Space_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Agriculture_old	Water_Heat	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Health_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Health_new	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_new	Drying	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
SHARE	New	Health_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_new	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Health_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Health_new	Space_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	Health_new	Water_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	New	Health_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Health_old	Cook_top	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Health_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Health_old	Fryer	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Griddle	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SHARE	New	Health_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Health_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Health_old	Space_Heat	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Health_old	Water_Heat	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
SHARE	New	Laundry_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Drying	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Laundry_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_new	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	New	Laundry_new	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Laundry_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Drying	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Laundry_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Laundry_old	Space_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	New	Laundry_old	Water_Heat	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	Lodging_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Lodging_new	Cook_top	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Drying	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
SHARE	New	Lodging_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Fryer	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Griddle	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_new	Other_Cooking	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Lodging_new	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Lodging_new	Water_Heat	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	New	Lodging_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Lodging_old	Cook_top	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Drying	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	New	Lodging_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Fryer	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Griddle	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Lodging_old	Other_Cooking	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SHARE	New	Lodging_old	Space_Heat	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Lodging_old	Water_Heat	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_new	Cook_top	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Misc_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_new	Engine	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Misc_new	Fryer	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92

SHARE	New	Misc_new	Griddle	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Misc_new	Other	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SHARE	New	Misc_new	Other_Cooking	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SHARE	New	Misc_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SHARE	New	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Misc_old	Fryer	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
SHARE	New	Misc_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Misc_old	Other	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
SHARE	New	Misc_old	Other_Cooking	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
SHARE	New	Misc_old	Space_Heat	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
SHARE	New	Misc_old	Water_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	New	Office_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Office_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Office_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Office_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_new	Space_Heat	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
SHARE	New	Office_new	Water_Heat	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
SHARE	New	Office_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Office_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Cooking	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Office_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Office_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Office_old	Space_Heat	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SHARE	New	Office_old	Water_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Restaurant_new	AC_Compressor	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Restaurant_new	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_new	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_new	Other_Cooking	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
SHARE	New	Restaurant_new	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	New	Restaurant_new	Water_Heat	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SHARE	New	Restaurant_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Restaurant_old	Cook_top	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Fryer	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Griddle	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Restaurant_old	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Restaurant_old	Other_Cooking	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
SHARE	New	Restaurant_old	Space_Heat	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
SHARE	New	Restaurant_old	Water_Heat	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SHARE	New	Retail_new	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Cooking	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Retail_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Other	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
SHARE	New	Retail_new	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_new	Space_Heat	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Retail_new	Water_Heat	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
SHARE	New	Retail_old	AC_Compressor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Cook_top	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Cooking	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Retail_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	Retail_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Fryer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Griddle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Other	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SHARE	New	Retail_old	Other_Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Retail_old	Space_Heat	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
SHARE	New	Retail_old	Water_Heat	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	EDUCATION_new	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	EDUCATION_new	Cook_top	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_new	Fryer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Griddle	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Other	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SHARE	New	EDUCATION_new	Other_Cooking	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	EDUCATION_new	Space_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	EDUCATION_new	Water_Heat	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
SHARE	New	EDUCATION_old	AC_Compressor	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	EDUCATION_old	Cook_top	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Drying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	EDUCATION_old	Fryer	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Griddle	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Other	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SHARE	New	EDUCATION_old	Other_Cooking	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	EDUCATION_old	Space_Heat	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
SHARE	New	EDUCATION_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77

San Diego Gas and Electric Company
Core Commercial G-10
Average Gas Consumption Per Unit (therm)
Table CoreCom-11.1

UEC	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
UEC	Ex	Agriculture_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Drying	12,418	12,531	12,450	12,411	12,376	12,349	12,289	12,243
UEC	Ex	Agriculture_new	Engine	50,589	51,052	50,721	50,563	50,420	50,309	50,064	49,878
UEC	Ex	Agriculture_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Space_Heat	8,558	8,636	8,580	8,553	8,529	8,510	8,469	8,438
UEC	Ex	Agriculture_new	Water_Heat	11,299	11,403	11,329	11,293	11,262	11,237	11,182	11,140
UEC	Ex	Agriculture_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Drying	12,388	12,502	12,420	12,382	12,347	12,320	12,260	12,214
UEC	Ex	Agriculture_old	Engine	50,589	51,052	50,721	50,563	50,420	50,309	50,064	49,878
UEC	Ex	Agriculture_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Space_Heat	8,558	8,636	8,580	8,553	8,529	8,510	8,469	8,438
UEC	Ex	Agriculture_old	Water_Heat	11,299	11,403	11,329	11,293	11,262	11,237	11,182	11,140
UEC	Ex	Health_new	AC_Compressor	3,654	3,671	3,659	3,653	3,647	3,643	3,634	3,627
UEC	Ex	Health_new	Cook_top	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Health_new	Drying	4,685	4,707	4,691	4,683	4,676	4,671	4,659	4,650
UEC	Ex	Health_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Health_new	Fryer	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_new	Griddle	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_new	Other	729	733	730	729	728	727	725	724
UEC	Ex	Health_new	Other_Cooking	846	850	847	846	844	843	841	840
UEC	Ex	Health_new	Space_Heat	2,201	2,212	2,204	2,201	2,197	2,195	2,189	2,185
UEC	Ex	Health_new	Water_Heat	12,850	12,912	12,868	12,847	12,828	12,813	12,780	12,756
UEC	Ex	Health_old	AC_Compressor	3,654	3,671	3,659	3,653	3,647	3,643	3,634	3,627
UEC	Ex	Health_old	Cook_top	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Health_old	Drying	4,685	4,707	4,691	4,683	4,676	4,671	4,659	4,650
UEC	Ex	Health_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Health_old	Fryer	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_old	Griddle	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	Ex	Health_old	Other	678	681	679	678	677	676	674	673
UEC	Ex	Health_old	Other_Cooking	846	850	847	846	844	843	841	840
UEC	Ex	Health_old	Space_Heat	2,201	2,212	2,204	2,201	2,197	2,195	2,189	2,185
UEC	Ex	Health_old	Water_Heat	12,850	12,912	12,868	12,847	12,828	12,813	12,780	12,756
UEC	Ex	Laundry_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Drying	19,860	19,875	19,864	19,859	19,854	19,851	19,843	19,836
UEC	Ex	Laundry_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Space_Heat	194	195	195	194	194	194	194	194
UEC	Ex	Laundry_new	Water_Heat	3,524	3,526	3,525	3,524	3,523	3,522	3,521	3,520
UEC	Ex	Laundry_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Drying	19,860	19,875	19,864	19,859	19,854	19,851	19,843	19,836
UEC	Ex	Laundry_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Space_Heat	194	195	195	194	194	194	194	194
UEC	Ex	Laundry_old	Water_Heat	3,524	3,526	3,525	3,524	3,523	3,522	3,521	3,520
UEC	Ex	Lodging_new	AC_Compressor	1,144	1,151	1,146	1,144	1,142	1,140	1,137	1,134

UEC	Ex	Lodging_new	Cook_top	6,463	6,499	6,473	6,461	6,449	6,440	6,421	6,406
UEC	Ex	Lodging_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Drying	3,469	3,489	3,475	3,468	3,462	3,457	3,447	3,439
UEC	Ex	Lodging_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Fryer	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	Ex	Lodging_new	Griddle	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	Ex	Lodging_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Other_Cooking	832	836	833	831	830	829	826	824
UEC	Ex	Lodging_new	Space_Heat	7,745	7,789	7,757	7,742	7,729	7,718	7,695	7,677
UEC	Ex	Lodging_new	Water_Heat	15,313	15,400	15,338	15,309	15,282	15,261	15,215	15,180
UEC	Ex	Lodging_old	AC_Compressor	1,144	1,151	1,146	1,144	1,142	1,140	1,137	1,134
UEC	Ex	Lodging_old	Cook_top	6,463	6,499	6,473	6,461	6,449	6,440	6,421	6,406
UEC	Ex	Lodging_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Drying	3,469	3,489	3,475	3,468	3,462	3,457	3,447	3,439
UEC	Ex	Lodging_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Fryer	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	Ex	Lodging_old	Griddle	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	Ex	Lodging_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Other_Cooking	832	836	833	831	830	829	826	824
UEC	Ex	Lodging_old	Space_Heat	7,745	7,789	7,757	7,742	7,729	7,718	7,695	7,677
UEC	Ex	Lodging_old	Water_Heat	14,131	14,211	14,154	14,127	14,102	14,083	14,040	14,008
UEC	Ex	Misc_new	AC_Compressor	4,351	4,385	4,361	4,349	4,338	4,330	4,311	4,297
UEC	Ex	Misc_new	Cook_top	2,854	2,877	2,861	2,853	2,846	2,841	2,829	2,819
UEC	Ex	Misc_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Misc_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Misc_new	Engine	86,660	87,351	86,857	86,621	86,409	86,242	85,876	85,599
UEC	Ex	Misc_new	Fryer	1,404	1,416	1,408	1,404	1,400	1,398	1,392	1,387
UEC	Ex	Misc_new	Griddle	1,914	1,929	1,918	1,913	1,908	1,904	1,896	1,890
UEC	Ex	Misc_new	Other	298	300	298	298	297	296	295	294
UEC	Ex	Misc_new	Other_Cooking	1,340	1,351	1,343	1,339	1,336	1,333	1,328	1,323
UEC	Ex	Misc_new	Space_Heat	4,642	4,679	4,653	4,640	4,629	4,620	4,600	4,585
UEC	Ex	Misc_new	Water_Heat	3,755	3,785	3,763	3,753	3,744	3,737	3,721	3,709
UEC	Ex	Misc_old	AC_Compressor	3,401	3,428	3,409	3,399	3,391	3,384	3,370	3,359
UEC	Ex	Misc_old	Cook_top	1,906	1,921	1,910	1,905	1,900	1,897	1,889	1,883
UEC	Ex	Misc_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Misc_old	Engine	86,920	87,613	87,117	86,880	86,667	86,500	86,133	85,855
UEC	Ex	Misc_old	Fryer	1,839	1,854	1,843	1,838	1,834	1,830	1,822	1,816
UEC	Ex	Misc_old	Griddle	1,888	1,903	1,892	1,887	1,882	1,878	1,870	1,864
UEC	Ex	Misc_old	Other	237	238	237	236	236	235	234	234
UEC	Ex	Misc_old	Other_Cooking	1,843	1,858	1,847	1,842	1,838	1,834	1,826	1,820
UEC	Ex	Misc_old	Space_Heat	6,375	6,426	6,390	6,372	6,357	6,345	6,318	6,297
UEC	Ex	Misc_old	Water_Heat	3,859	3,889	3,867	3,857	3,848	3,840	3,824	3,811
UEC	Ex	Office_new	AC_Compressor	2,368	2,397	2,376	2,366	2,358	2,351	2,336	2,324
UEC	Ex	Office_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Cooking	783	792	786	782	780	777	772	769
UEC	Ex	Office_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Other	203	205	203	203	202	201	200	199
UEC	Ex	Office_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Space_Heat	7,081	7,166	7,105	7,076	7,049	7,029	6,984	6,950
UEC	Ex	Office_new	Water_Heat	1,033	1,046	1,037	1,032	1,029	1,026	1,019	1,014
UEC	Ex	Office_old	AC_Compressor	2,368	2,397	2,376	2,366	2,358	2,351	2,336	2,324
UEC	Ex	Office_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Cooking	783	792	786	782	780	777	772	769
UEC	Ex	Office_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Other	178	180	179	178	177	177	176	175
UEC	Ex	Office_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Space_Heat	6,882	6,965	6,905	6,877	6,851	6,831	6,788	6,754
UEC	Ex	Office_old	Water_Heat	1,033	1,046	1,037	1,032	1,029	1,026	1,019	1,014
UEC	Ex	Restaurant_new	AC_Compressor	331	332	331	331	331	330	330	330
UEC	Ex	Restaurant_new	Cook_top	2,282	2,287	2,283	2,281	2,280	2,278	2,275	2,273
UEC	Ex	Restaurant_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Fryer	1,903	1,908	1,904	1,903	1,901	1,900	1,897	1,895
UEC	Ex	Restaurant_new	Griddle	1,721	1,725	1,722	1,721	1,719	1,718	1,716	1,714
UEC	Ex	Restaurant_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Other_Cooking	1,580	1,584	1,582	1,580	1,579	1,578	1,576	1,574
UEC	Ex	Restaurant_new	Space_Heat	192	193	192	192	192	192	192	191

UEC	Ex	Restaurant_new	Water_Heat	1,461	1,465	1,462	1,461	1,460	1,459	1,457	1,455
UEC	Ex	Restaurant_old	AC_Compressor	331	332	331	331	331	330	330	330
UEC	Ex	Restaurant_old	Cook_top	2,099	2,104	2,100	2,098	2,097	2,095	2,092	2,090
UEC	Ex	Restaurant_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Fryer	1,756	1,761	1,757	1,756	1,754	1,753	1,751	1,749
UEC	Ex	Restaurant_old	Griddle	1,583	1,587	1,584	1,583	1,581	1,581	1,578	1,577
UEC	Ex	Restaurant_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Other_Cooking	1,580	1,584	1,582	1,580	1,579	1,578	1,576	1,574
UEC	Ex	Restaurant_old	Space_Heat	192	193	192	192	192	192	192	191
UEC	Ex	Restaurant_old	Water_Heat	1,354	1,357	1,355	1,354	1,352	1,352	1,350	1,348
UEC	Ex	Retail_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Cooking	10,162	10,181	10,167	10,161	10,154	10,150	10,139	10,131
UEC	Ex	Retail_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Other	108	108	108	108	108	108	108	108
UEC	Ex	Retail_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Space_Heat	8,062	8,078	8,067	8,062	8,057	8,053	8,045	8,038
UEC	Ex	Retail_new	Water_Heat	3,462	3,469	3,464	3,461	3,459	3,458	3,454	3,451
UEC	Ex	Retail_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Cooking	10,162	10,181	10,167	10,161	10,154	10,150	10,139	10,131
UEC	Ex	Retail_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Other	112	112	112	112	112	112	112	112
UEC	Ex	Retail_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Space_Heat	8,062	8,078	8,067	8,062	8,057	8,053	8,045	8,038
UEC	Ex	Retail_old	Water_Heat	3,462	3,469	3,464	3,461	3,459	3,458	3,454	3,451
UEC	Ex	EDUCATION_new	AC_Compressor	4,953	5,014	4,970	4,949	4,930	4,915	4,882	4,858
UEC	Ex	EDUCATION_new	Cook_top	1,380	1,397	1,385	1,379	1,374	1,370	1,360	1,354
UEC	Ex	EDUCATION_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Fryer	1,381	1,398	1,386	1,380	1,375	1,371	1,362	1,355
UEC	Ex	EDUCATION_new	Griddle	1,381	1,398	1,386	1,380	1,375	1,371	1,362	1,355
UEC	Ex	EDUCATION_new	Other	195	197	195	194	194	193	192	191
UEC	Ex	EDUCATION_new	Other_Cooking	1,380	1,397	1,385	1,379	1,374	1,370	1,360	1,354
UEC	Ex	EDUCATION_new	Space_Heat	7,002	7,089	7,026	6,996	6,970	6,948	6,902	6,867
UEC	Ex	EDUCATION_new	Water_Heat	4,477	4,533	4,493	4,473	4,456	4,443	4,413	4,391
UEC	Ex	EDUCATION_old	AC_Compressor	3,089	3,127	3,099	3,086	3,074	3,065	3,045	3,029
UEC	Ex	EDUCATION_old	Cook_top	1,174	1,188	1,178	1,173	1,168	1,165	1,157	1,151
UEC	Ex	EDUCATION_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Fryer	1,175	1,190	1,180	1,175	1,170	1,167	1,159	1,153
UEC	Ex	EDUCATION_old	Griddle	1,175	1,190	1,180	1,175	1,170	1,167	1,159	1,153
UEC	Ex	EDUCATION_old	Other	195	197	195	194	194	193	192	191
UEC	Ex	EDUCATION_old	Other_Cooking	1,174	1,188	1,178	1,173	1,168	1,165	1,157	1,151
UEC	Ex	EDUCATION_old	Space_Heat	3,823	3,871	3,837	3,820	3,806	3,794	3,769	3,750
UEC	Ex	EDUCATION_old	Water_Heat	7,048	7,135	7,072	7,042	7,015	6,994	6,948	6,913
UEC	New	Agriculture_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Drying	12,418	12,531	12,450	12,411	12,376	12,349	12,289	12,243
UEC	New	Agriculture_new	Engine	50,589	51,052	50,721	50,563	50,420	50,309	50,064	49,878
UEC	New	Agriculture_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Other	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Space_Heat	8,558	8,636	8,580	8,553	8,529	8,510	8,469	8,438
UEC	New	Agriculture_new	Water_Heat	11,299	11,403	11,329	11,293	11,262	11,237	11,182	11,140
UEC	New	Agriculture_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Other	0	0	0	0	0	0	0	0

UEC	New	Agriculture_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Health_new	AC_Compressor	3,654	3,671	3,659	3,653	3,647	3,643	3,634	3,627
UEC	New	Health_new	Cook_top	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	New	Health_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_new	Drying	4,685	4,707	4,691	4,683	4,676	4,671	4,659	4,650
UEC	New	Health_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Health_new	Fryer	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	New	Health_new	Griddle	8,459	8,499	8,470	8,456	8,444	8,434	8,413	8,396
UEC	New	Health_new	Other	729	733	730	729	728	727	725	724
UEC	New	Health_new	Other_Cooking	846	850	847	846	844	843	841	840
UEC	New	Health_new	Space_Heat	2,201	2,212	2,204	2,201	2,197	2,195	2,189	2,185
UEC	New	Health_new	Water_Heat	12,850	12,912	12,868	12,847	12,828	12,813	12,780	12,756
UEC	New	Health_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Health_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Health_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Health_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Health_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Health_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Health_old	Other	0	0	0	0	0	0	0	0
UEC	New	Health_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Health_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Drying	19,860	19,875	19,864	19,859	19,854	19,851	19,843	19,836
UEC	New	Laundry_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Other	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Space_Heat	194	195	195	194	194	194	194	194
UEC	New	Laundry_new	Water_Heat	3,524	3,526	3,525	3,524	3,523	3,522	3,521	3,520
UEC	New	Laundry_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Other	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	AC_Compressor	1,144	1,151	1,146	1,144	1,142	1,140	1,137	1,134
UEC	New	Lodging_new	Cook_top	6,463	6,499	6,473	6,461	6,449	6,440	6,421	6,406
UEC	New	Lodging_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Drying	3,469	3,489	3,475	3,468	3,462	3,457	3,447	3,439
UEC	New	Lodging_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Fryer	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	New	Lodging_new	Griddle	8,415	8,463	8,428	8,412	8,397	8,386	8,361	8,341
UEC	New	Lodging_new	Other	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Other_Cooking	832	836	833	831	830	829	826	824
UEC	New	Lodging_new	Space_Heat	7,745	7,789	7,757	7,742	7,729	7,718	7,695	7,677
UEC	New	Lodging_new	Water_Heat	15,313	15,400	15,338	15,309	15,282	15,261	15,215	15,180
UEC	New	Lodging_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Other	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_new	AC_Compressor	4,351	4,385	4,361	4,349	4,338	4,330	4,311	4,297
UEC	New	Misc_new	Cook_top	2,854	2,877	2,861	2,853	2,846	2,841	2,829	2,819
UEC	New	Misc_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_new	Engine	86,660	87,351	86,857	86,621	86,409	86,242	85,876	85,599
UEC	New	Misc_new	Fryer	1,404	1,416	1,408	1,404	1,400	1,398	1,392	1,387

UEC	New	Misc_new	Griddle	1,914	1,929	1,918	1,913	1,908	1,904	1,896	1,890
UEC	New	Misc_new	Other	298	300	298	298	297	296	295	294
UEC	New	Misc_new	Other_Cooking	1,340	1,351	1,343	1,339	1,336	1,333	1,328	1,323
UEC	New	Misc_new	Space_Heat	4,642	4,679	4,653	4,640	4,629	4,620	4,600	4,585
UEC	New	Misc_new	Water_Heat	3,755	3,785	3,763	3,753	3,744	3,737	3,721	3,709
UEC	New	Misc_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Office_new	AC_Compressor	2,368	2,397	2,376	2,366	2,358	2,351	2,336	2,324
UEC	New	Office_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Office_new	Cooking	783	792	786	782	780	777	772	769
UEC	New	Office_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Office_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Office_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Office_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Office_new	Other	203	205	203	203	202	201	200	199
UEC	New	Office_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_new	Space_Heat	7,081	7,166	7,105	7,076	7,049	7,029	6,984	6,950
UEC	New	Office_new	Water_Heat	1,033	1,046	1,037	1,032	1,029	1,026	1,019	1,014
UEC	New	Office_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Office_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Office_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Office_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Office_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Office_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Office_old	Other	0	0	0	0	0	0	0	0
UEC	New	Office_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Office_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	AC_Compressor	331	332	331	331	331	330	330	330
UEC	New	Restaurant_new	Cook_top	2,282	2,287	2,283	2,281	2,280	2,278	2,275	2,273
UEC	New	Restaurant_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Fryer	1,903	1,908	1,904	1,903	1,901	1,900	1,897	1,895
UEC	New	Restaurant_new	Griddle	1,721	1,725	1,722	1,721	1,719	1,718	1,716	1,714
UEC	New	Restaurant_new	Other	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Other_Cooking	1,580	1,584	1,582	1,580	1,579	1,578	1,576	1,574
UEC	New	Restaurant_new	Space_Heat	192	193	192	192	192	192	192	191
UEC	New	Restaurant_new	Water_Heat	1,461	1,465	1,462	1,461	1,460	1,459	1,457	1,455
UEC	New	Restaurant_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Other	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Retail_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Cooking	10,162	10,181	10,167	10,161	10,154	10,150	10,139	10,131
UEC	New	Retail_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Other	108	108	108	108	108	108	108	108
UEC	New	Retail_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Space_Heat	8,062	8,078	8,067	8,062	8,057	8,053	8,045	8,038
UEC	New	Retail_new	Water_Heat	3,462	3,469	3,464	3,461	3,459	3,458	3,454	3,451
UEC	New	Retail_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Drying	0	0	0	0	0	0	0	0

UEC	New	Retail_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Other	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	AC_Compressor	4,953	5,014	4,970	4,949	4,930	4,915	4,882	4,858
UEC	New	EDUCATION_new	Cook_top	1,380	1,397	1,385	1,379	1,374	1,370	1,360	1,354
UEC	New	EDUCATION_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Drying	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Engine	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Fryer	1,381	1,398	1,386	1,380	1,375	1,371	1,362	1,355
UEC	New	EDUCATION_new	Griddle	1,381	1,398	1,386	1,380	1,375	1,371	1,362	1,355
UEC	New	EDUCATION_new	Other	195	197	195	194	194	193	192	191
UEC	New	EDUCATION_new	Other_Cooking	1,380	1,397	1,385	1,379	1,374	1,370	1,360	1,354
UEC	New	EDUCATION_new	Space_Heat	7,002	7,089	7,026	6,996	6,970	6,948	6,902	6,867
UEC	New	EDUCATION_new	Water_Heat	4,477	4,533	4,493	4,473	4,456	4,443	4,413	4,391
UEC	New	EDUCATION_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Drying	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Engine	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Other	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Water_Heat	0	0	0	0	0	0	0	0

San Diego Gas and Electric Company
Core Commercial G-10
Average Gas Consumption Per Unit (therm)
Table CoreCom-11.2

UEC	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
UEC	Ex	Agriculture_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Drying	12,224	12,215	12,194	12,223	12,222	12,198	12,176	12,150
UEC	Ex	Agriculture_new	Engine	49,801	49,765	49,678	49,798	49,794	49,694	49,606	49,498
UEC	Ex	Agriculture_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_new	Space_Heat	8,424	8,418	8,404	8,424	8,423	8,406	8,391	8,373
UEC	Ex	Agriculture_new	Water_Heat	11,123	11,115	11,096	11,123	11,122	11,099	11,080	11,055
UEC	Ex	Agriculture_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Drying	12,195	12,186	12,165	12,195	12,194	12,169	12,147	12,121
UEC	Ex	Agriculture_old	Engine	49,801	49,765	49,678	49,798	49,794	49,694	49,606	49,498
UEC	Ex	Agriculture_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Agriculture_old	Space_Heat	8,424	8,418	8,404	8,424	8,423	8,406	8,391	8,373
UEC	Ex	Agriculture_old	Water_Heat	11,123	11,115	11,096	11,123	11,122	11,099	11,080	11,055
UEC	Ex	Health_new	AC_Compressor	3,624	3,622	3,619	3,624	3,624	3,620	3,616	3,612
UEC	Ex	Health_new	Cook_top	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Health_new	Drying	4,646	4,644	4,640	4,646	4,646	4,641	4,637	4,631
UEC	Ex	Health_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Health_new	Fryer	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_new	Griddle	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_new	Other	723	723	722	723	723	722	722	721
UEC	Ex	Health_new	Other_Cooking	839	839	838	839	839	838	837	836
UEC	Ex	Health_new	Space_Heat	2,183	2,182	2,180	2,183	2,183	2,181	2,179	2,176
UEC	Ex	Health_new	Water_Heat	12,745	12,740	12,729	12,745	12,744	12,731	12,719	12,704
UEC	Ex	Health_old	AC_Compressor	3,624	3,622	3,619	3,624	3,624	3,620	3,616	3,612
UEC	Ex	Health_old	Cook_top	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Health_old	Drying	4,646	4,644	4,640	4,646	4,646	4,641	4,637	4,631
UEC	Ex	Health_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Health_old	Fryer	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_old	Griddle	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	Ex	Health_old	Other	672	672	671	672	672	672	671	670
UEC	Ex	Health_old	Other_Cooking	839	839	838	839	839	838	837	836
UEC	Ex	Health_old	Space_Heat	2,183	2,182	2,180	2,183	2,183	2,181	2,179	2,176
UEC	Ex	Health_old	Water_Heat	12,745	12,740	12,729	12,745	12,744	12,731	12,719	12,704
UEC	Ex	Laundry_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Drying	19,834	19,833	19,830	19,834	19,834	19,830	19,827	19,824
UEC	Ex	Laundry_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_new	Space_Heat	194	194	194	194	194	194	194	194
UEC	Ex	Laundry_new	Water_Heat	3,519	3,519	3,518	3,519	3,519	3,519	3,518	3,517
UEC	Ex	Laundry_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Drying	19,834	19,833	19,830	19,834	19,834	19,830	19,827	19,824
UEC	Ex	Laundry_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Laundry_old	Space_Heat	194	194	194	194	194	194	194	194
UEC	Ex	Laundry_old	Water_Heat	3,519	3,519	3,518	3,519	3,519	3,519	3,518	3,517
UEC	Ex	Lodging_new	AC_Compressor	1,133	1,133	1,131	1,133	1,133	1,132	1,130	1,129

UEC	Ex	Lodging_new	Cook_top	6,400	6,397	6,390	6,400	6,399	6,391	6,384	6,376
UEC	Ex	Lodging_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Drying	3,435	3,434	3,430	3,435	3,435	3,431	3,427	3,422
UEC	Ex	Lodging_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Fryer	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	Ex	Lodging_new	Griddle	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	Ex	Lodging_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_new	Other_Cooking	824	823	822	824	824	822	822	820
UEC	Ex	Lodging_new	Space_Heat	7,670	7,666	7,658	7,669	7,669	7,659	7,651	7,641
UEC	Ex	Lodging_new	Water_Heat	15,165	15,158	15,142	15,165	15,164	15,145	15,128	15,108
UEC	Ex	Lodging_old	AC_Compressor	1,133	1,133	1,131	1,133	1,133	1,132	1,130	1,129
UEC	Ex	Lodging_old	Cook_top	6,400	6,397	6,390	6,400	6,399	6,391	6,384	6,376
UEC	Ex	Lodging_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Drying	3,435	3,434	3,430	3,435	3,435	3,431	3,427	3,422
UEC	Ex	Lodging_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Fryer	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	Ex	Lodging_old	Griddle	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	Ex	Lodging_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Lodging_old	Other_Cooking	824	823	822	824	824	822	822	820
UEC	Ex	Lodging_old	Space_Heat	7,670	7,666	7,658	7,669	7,669	7,659	7,651	7,641
UEC	Ex	Lodging_old	Water_Heat	13,994	13,988	13,973	13,994	13,993	13,976	13,960	13,941
UEC	Ex	Misc_new	AC_Compressor	4,292	4,289	4,282	4,291	4,291	4,284	4,277	4,269
UEC	Ex	Misc_new	Cook_top	2,816	2,814	2,810	2,815	2,815	2,810	2,806	2,801
UEC	Ex	Misc_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Misc_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Misc_new	Engine	85,483	85,430	85,299	85,479	85,473	85,323	85,191	85,030
UEC	Ex	Misc_new	Fryer	1,385	1,384	1,382	1,385	1,385	1,383	1,381	1,378
UEC	Ex	Misc_new	Griddle	1,888	1,887	1,884	1,888	1,887	1,884	1,881	1,878
UEC	Ex	Misc_new	Other	294	294	293	294	294	293	293	292
UEC	Ex	Misc_new	Other_Cooking	1,322	1,321	1,319	1,322	1,322	1,319	1,317	1,315
UEC	Ex	Misc_new	Space_Heat	4,579	4,576	4,569	4,579	4,579	4,571	4,564	4,555
UEC	Ex	Misc_new	Water_Heat	3,704	3,702	3,696	3,704	3,703	3,697	3,691	3,684
UEC	Ex	Misc_old	AC_Compressor	3,355	3,353	3,347	3,355	3,354	3,348	3,343	3,337
UEC	Ex	Misc_old	Cook_top	1,880	1,879	1,876	1,880	1,880	1,876	1,874	1,870
UEC	Ex	Misc_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Misc_old	Engine	85,739	85,686	85,555	85,735	85,729	85,578	85,446	85,284
UEC	Ex	Misc_old	Fryer	1,814	1,813	1,810	1,814	1,814	1,811	1,808	1,804
UEC	Ex	Misc_old	Griddle	1,862	1,861	1,858	1,862	1,862	1,858	1,856	1,852
UEC	Ex	Misc_old	Other	233	233	233	233	233	233	233	232
UEC	Ex	Misc_old	Other_Cooking	1,818	1,817	1,814	1,818	1,818	1,815	1,812	1,808
UEC	Ex	Misc_old	Space_Heat	6,289	6,285	6,275	6,288	6,288	6,277	6,267	6,255
UEC	Ex	Misc_old	Water_Heat	3,806	3,804	3,798	3,806	3,806	3,799	3,793	3,786
UEC	Ex	Office_new	AC_Compressor	2,320	2,317	2,312	2,319	2,319	2,313	2,308	2,301
UEC	Ex	Office_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Cooking	767	766	764	767	767	765	763	761
UEC	Ex	Office_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Other	199	198	198	199	198	198	197	197
UEC	Ex	Office_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Office_new	Space_Heat	6,935	6,929	6,913	6,935	6,934	6,916	6,900	6,880
UEC	Ex	Office_new	Water_Heat	1,012	1,011	1,009	1,012	1,012	1,009	1,007	1,004
UEC	Ex	Office_old	AC_Compressor	2,320	2,317	2,312	2,319	2,319	2,313	2,308	2,301
UEC	Ex	Office_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Cooking	767	766	764	767	767	765	763	761
UEC	Ex	Office_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Other	175	174	174	175	175	174	174	173
UEC	Ex	Office_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Office_old	Space_Heat	6,741	6,734	6,719	6,740	6,739	6,721	6,706	6,687
UEC	Ex	Office_old	Water_Heat	1,012	1,011	1,009	1,012	1,012	1,009	1,007	1,004
UEC	Ex	Restaurant_new	AC_Compressor	329	329	329	329	329	329	329	329
UEC	Ex	Restaurant_new	Cook_top	2,272	2,271	2,270	2,272	2,272	2,270	2,269	2,268
UEC	Ex	Restaurant_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Fryer	1,895	1,894	1,893	1,895	1,895	1,894	1,893	1,891
UEC	Ex	Restaurant_new	Griddle	1,713	1,713	1,712	1,713	1,713	1,712	1,712	1,711
UEC	Ex	Restaurant_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_new	Other_Cooking	1,573	1,573	1,572	1,573	1,573	1,572	1,572	1,571
UEC	Ex	Restaurant_new	Space_Heat	191	191	191	191	191	191	191	191

UEC	Ex	Restaurant_new	Water_Heat	1,455	1,454	1,454	1,455	1,455	1,454	1,453	1,452
UEC	Ex	Restaurant_old	AC_Compressor	329	329	329	329	329	329	329	329
UEC	Ex	Restaurant_old	Cook_top	2,089	2,089	2,088	2,089	2,089	2,088	2,087	2,086
UEC	Ex	Restaurant_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Fryer	1,748	1,748	1,747	1,748	1,748	1,747	1,746	1,745
UEC	Ex	Restaurant_old	Griddle	1,576	1,576	1,575	1,576	1,576	1,575	1,574	1,573
UEC	Ex	Restaurant_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Restaurant_old	Other_Cooking	1,573	1,573	1,572	1,573	1,573	1,572	1,572	1,571
UEC	Ex	Restaurant_old	Space_Heat	191	191	191	191	191	191	191	191
UEC	Ex	Restaurant_old	Water_Heat	1,348	1,348	1,347	1,348	1,348	1,347	1,346	1,345
UEC	Ex	Retail_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Cooking	10,128	10,126	10,123	10,128	10,128	10,123	10,119	10,115
UEC	Ex	Retail_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Other	108	108	108	108	108	108	108	108
UEC	Ex	Retail_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Retail_new	Space_Heat	8,036	8,035	8,032	8,036	8,036	8,032	8,029	8,025
UEC	Ex	Retail_new	Water_Heat	3,450	3,450	3,449	3,450	3,450	3,449	3,447	3,446
UEC	Ex	Retail_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Cook_top	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Cooking	10,128	10,126	10,123	10,128	10,128	10,123	10,119	10,115
UEC	Ex	Retail_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Fryer	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Griddle	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Other	112	112	111	112	112	111	111	111
UEC	Ex	Retail_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	Ex	Retail_old	Space_Heat	8,036	8,035	8,032	8,036	8,036	8,032	8,029	8,025
UEC	Ex	Retail_old	Water_Heat	3,450	3,450	3,449	3,450	3,450	3,449	3,447	3,446
UEC	Ex	EDUCATION_new	AC_Compressor	4,848	4,843	4,831	4,847	4,847	4,833	4,822	4,807
UEC	Ex	EDUCATION_new	Cook_top	1,351	1,349	1,346	1,351	1,350	1,347	1,343	1,340
UEC	Ex	EDUCATION_new	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Drying	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_new	Fryer	1,352	1,351	1,347	1,352	1,352	1,348	1,345	1,341
UEC	Ex	EDUCATION_new	Griddle	1,352	1,351	1,347	1,352	1,352	1,348	1,345	1,341
UEC	Ex	EDUCATION_new	Other	190	190	190	190	190	190	189	189
UEC	Ex	EDUCATION_new	Other_Cooking	1,351	1,349	1,346	1,351	1,350	1,347	1,343	1,340
UEC	Ex	EDUCATION_new	Space_Heat	6,853	6,846	6,830	6,852	6,852	6,833	6,816	6,796
UEC	Ex	EDUCATION_new	Water_Heat	4,382	4,378	4,367	4,381	4,381	4,369	4,358	4,345
UEC	Ex	EDUCATION_old	AC_Compressor	3,023	3,020	3,013	3,023	3,022	3,014	3,007	2,998
UEC	Ex	EDUCATION_old	Cook_top	1,149	1,148	1,145	1,149	1,148	1,145	1,143	1,139
UEC	Ex	EDUCATION_old	Cooking	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Drying	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	EDUCATION_old	Fryer	1,150	1,149	1,147	1,150	1,150	1,147	1,144	1,141
UEC	Ex	EDUCATION_old	Griddle	1,150	1,149	1,147	1,150	1,150	1,147	1,144	1,141
UEC	Ex	EDUCATION_old	Other	190	190	190	190	190	190	189	189
UEC	Ex	EDUCATION_old	Other_Cooking	1,149	1,148	1,145	1,149	1,148	1,145	1,143	1,139
UEC	Ex	EDUCATION_old	Space_Heat	3,742	3,738	3,730	3,742	3,741	3,731	3,722	3,711
UEC	Ex	EDUCATION_old	Water_Heat	6,898	6,891	6,875	6,897	6,897	6,878	6,861	6,841
UEC	New	Agriculture_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Drying	12,224	12,215	12,194	12,223	12,222	12,198	12,176	12,150
UEC	New	Agriculture_new	Engine	49,801	49,765	49,678	49,798	49,794	49,694	49,606	49,498
UEC	New	Agriculture_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Other	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_new	Space_Heat	8,424	8,418	8,404	8,424	8,423	8,406	8,391	8,373
UEC	New	Agriculture_new	Water_Heat	11,123	11,115	11,096	11,123	11,122	11,099	11,080	11,055
UEC	New	Agriculture_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Other	0	0	0	0	0	0	0	0

UEC	New	Agriculture_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Agriculture_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Health_new	AC_Compressor	3,624	3,622	3,619	3,624	3,624	3,620	3,616	3,612
UEC	New	Health_new	Cook_top	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	New	Health_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_new	Drying	4,646	4,644	4,640	4,646	4,646	4,641	4,637	4,631
UEC	New	Health_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Health_new	Fryer	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	New	Health_new	Griddle	8,389	8,386	8,378	8,389	8,389	8,380	8,372	8,363
UEC	New	Health_new	Other	723	723	722	723	723	722	722	721
UEC	New	Health_new	Other_Cooking	839	839	838	839	839	838	837	836
UEC	New	Health_new	Space_Heat	2,183	2,182	2,180	2,183	2,183	2,181	2,179	2,176
UEC	New	Health_new	Water_Heat	12,745	12,740	12,729	12,745	12,744	12,731	12,719	12,704
UEC	New	Health_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Health_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Health_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Health_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Health_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Health_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Health_old	Other	0	0	0	0	0	0	0	0
UEC	New	Health_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Health_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Health_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Drying	19,834	19,833	19,830	19,834	19,834	19,830	19,827	19,824
UEC	New	Laundry_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Other	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_new	Space_Heat	194	194	194	194	194	194	194	194
UEC	New	Laundry_new	Water_Heat	3,519	3,519	3,518	3,519	3,519	3,519	3,518	3,517
UEC	New	Laundry_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Other	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Laundry_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	AC_Compressor	1,133	1,133	1,131	1,133	1,133	1,132	1,130	1,129
UEC	New	Lodging_new	Cook_top	6,400	6,397	6,390	6,400	6,399	6,391	6,384	6,376
UEC	New	Lodging_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Drying	3,435	3,434	3,430	3,435	3,435	3,431	3,427	3,422
UEC	New	Lodging_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Fryer	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	New	Lodging_new	Griddle	8,333	8,330	8,321	8,333	8,333	8,322	8,313	8,302
UEC	New	Lodging_new	Other	0	0	0	0	0	0	0	0
UEC	New	Lodging_new	Other_Cooking	824	823	822	824	824	822	822	820
UEC	New	Lodging_new	Space_Heat	7,670	7,666	7,658	7,669	7,669	7,659	7,651	7,641
UEC	New	Lodging_new	Water_Heat	15,165	15,158	15,142	15,165	15,164	15,145	15,128	15,108
UEC	New	Lodging_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Other	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Lodging_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_new	AC_Compressor	4,292	4,289	4,282	4,291	4,291	4,284	4,277	4,269
UEC	New	Misc_new	Cook_top	2,816	2,814	2,810	2,815	2,815	2,810	2,806	2,801
UEC	New	Misc_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_new	Engine	85,483	85,430	85,299	85,479	85,473	85,323	85,191	85,030
UEC	New	Misc_new	Fryer	1,385	1,384	1,382	1,385	1,385	1,383	1,381	1,378

UEC	New	Misc_new	Griddle	1,888	1,887	1,884	1,888	1,887	1,884	1,881	1,878
UEC	New	Misc_new	Other	294	294	293	294	294	293	293	292
UEC	New	Misc_new	Other_Cooking	1,322	1,321	1,319	1,322	1,322	1,319	1,317	1,315
UEC	New	Misc_new	Space_Heat	4,579	4,576	4,569	4,579	4,579	4,571	4,564	4,555
UEC	New	Misc_new	Water_Heat	3,704	3,702	3,696	3,704	3,703	3,697	3,691	3,684
UEC	New	Misc_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Office_new	AC_Compressor	2,320	2,317	2,312	2,319	2,319	2,313	2,308	2,301
UEC	New	Office_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Office_new	Cooking	767	766	764	767	767	765	763	761
UEC	New	Office_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Office_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Office_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Office_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Office_new	Other	199	198	198	199	198	198	197	197
UEC	New	Office_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_new	Space_Heat	6,935	6,929	6,913	6,935	6,934	6,916	6,900	6,880
UEC	New	Office_new	Water_Heat	1,012	1,011	1,009	1,012	1,012	1,009	1,007	1,004
UEC	New	Office_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Office_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Office_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Office_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Office_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Office_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Office_old	Other	0	0	0	0	0	0	0	0
UEC	New	Office_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Office_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Office_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	AC_Compressor	329	329	329	329	329	329	329	329
UEC	New	Restaurant_new	Cook_top	2,272	2,271	2,270	2,272	2,272	2,270	2,269	2,268
UEC	New	Restaurant_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Fryer	1,895	1,894	1,893	1,895	1,895	1,894	1,893	1,891
UEC	New	Restaurant_new	Griddle	1,713	1,713	1,712	1,713	1,713	1,712	1,712	1,711
UEC	New	Restaurant_new	Other	0	0	0	0	0	0	0	0
UEC	New	Restaurant_new	Other_Cooking	1,573	1,573	1,572	1,573	1,573	1,572	1,572	1,571
UEC	New	Restaurant_new	Space_Heat	191	191	191	191	191	191	191	191
UEC	New	Restaurant_new	Water_Heat	1,455	1,454	1,454	1,455	1,455	1,454	1,453	1,452
UEC	New	Restaurant_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Other	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Restaurant_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Retail_new	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Cooking	10,128	10,126	10,123	10,128	10,128	10,123	10,119	10,115
UEC	New	Retail_new	Drying	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Fryer	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Griddle	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Other	108	108	108	108	108	108	108	108
UEC	New	Retail_new	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_new	Space_Heat	8,036	8,035	8,032	8,036	8,036	8,032	8,029	8,025
UEC	New	Retail_new	Water_Heat	3,450	3,450	3,449	3,450	3,450	3,449	3,447	3,446
UEC	New	Retail_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Drying	0	0	0	0	0	0	0	0

UEC	New	Retail_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Other	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Retail_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	AC_Compressor	4,848	4,843	4,831	4,847	4,847	4,833	4,822	4,807
UEC	New	EDUCATION_new	Cook_top	1,351	1,349	1,346	1,351	1,350	1,347	1,343	1,340
UEC	New	EDUCATION_new	Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Drying	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Engine	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_new	Fryer	1,352	1,351	1,347	1,352	1,352	1,348	1,345	1,341
UEC	New	EDUCATION_new	Griddle	1,352	1,351	1,347	1,352	1,352	1,348	1,345	1,341
UEC	New	EDUCATION_new	Other	190	190	190	190	190	190	189	189
UEC	New	EDUCATION_new	Other_Cooking	1,351	1,349	1,346	1,351	1,350	1,347	1,343	1,340
UEC	New	EDUCATION_new	Space_Heat	6,853	6,846	6,830	6,852	6,852	6,833	6,816	6,796
UEC	New	EDUCATION_new	Water_Heat	4,382	4,378	4,367	4,381	4,381	4,369	4,358	4,345
UEC	New	EDUCATION_old	AC_Compressor	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Cook_top	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Drying	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Engine	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Fryer	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Griddle	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Other	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Other_Cooking	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	EDUCATION_old	Water_Heat	0	0	0	0	0	0	0	0

San Diego Gas and Electric Company
Core Commercial G-10
Real Gas Rate Forecasts (\$/therm)
Table CoreCom-12

Year		Real Rate
2025	\$	1.49
2026	\$	1.42
2027	\$	1.47
2028	\$	1.49
2029	\$	1.51
2030	\$	1.53
2031	\$	1.57
2032	\$	1.60
2033	\$	1.61
2034	\$	1.62
2035	\$	1.63
2036	\$	1.61
2037	\$	1.61
2038	\$	1.63
2039	\$	1.64
2040	\$	1.66

CORE INDUSTRIAL

Core Industrial End-Use Model Description

Introduction:

SDG&E used the Navigator end-use model to generate annual gas demand forecasts for the Core Industrial GN-3 market. The model's market segmentation description and end-use modeling framework are presented in the previous sections of the SDG&E workpapers.

The SDG&E Core Industrial segmentation contains the following 8 types:

- Food & Beverage Manufacturing
- Textiles
- Chemicals
- Petroleum Products
- Primary Metals
- Fabricated Metals
- Transportation Equipment
- Miscellaneous

There are two vintages, same as Residential and Core Commercial markets, "Old" and "New". The "Old" describes existing customers (established prior to the year 2021) whereas "New" describes the new meter hookups (established in year 2021 and beyond).

The Core Industrial model identifies 9 end-uses that are the primary drivers of natural gas demand. These are:

- Space Heating
- Water Heating
- Drying
- Engine
- AC Compressor
- Fire-tube Boiler
- Water-tube Boiler
- Furnace/Oven/Kiln
- Other/Miscellaneous

A set of post-model adjustments were applied to the Navigator end-use model's Core Industrial annual demand forecasts in the same way as described in the Core Commercial market. These post-model adjustments included the climate change adjustments and the Energy Efficiency savings. The forecast was also reduced by the Additional Achievable Fuel Substitution (AAFS)

Scenario 1 Programs and incremental Codes and Standards (PiCS) from the California Energy Commission's 2025 Integrated Energy Policy Report (IEPR). The annual forecasts were also distributed into monthly forecasts by applying estimated monthly consumption shares in the annual consumption.

Data Sources and Tables:

The data used to populate the Navigator model parameter template and used to generate the forecasts includes historical base year consumption and customer counts, price elasticities, the inflation-adjusted gas rate forecasts, historical and forecasted account counts, saturation, fuel shares, and unit energy consumption (UEC) values.

Tables 1-4 illustrate the Core Industrial monthly forecasts under each of the weather design scenarios (Average, Cold, Hot and Base). Table 5 contains the annual post-model adjustments. The 2025 historical data is in Table 6. Tables 7-12 show accounts, units, saturations, inflation-adjusted gas rate forecasts, fuel shares and UECs.

San Diego Gas and Electric Company
Core Industrial Demand Forecast (Mdth)
Average Temperature
Table CoreInd-1

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	168	127	159	130	119	128	109	101	93	117	120	168	1,539
2026	169	128	160	131	120	129	110	102	93	118	120	169	1,548
2027	168	127	159	130	119	128	109	101	93	117	120	168	1,537
2028	167	126	158	129	118	127	109	101	92	117	119	167	1,530
2029	166	126	157	129	118	127	108	100	92	117	118	166	1,524
2030	165	125	157	128	117	126	108	100	92	116	118	165	1,518
2031	164	124	156	127	117	126	107	100	91	116	117	164	1,509
2032	163	124	155	127	116	125	107	99	91	115	117	163	1,501
2033	162	123	154	126	116	125	107	99	91	115	116	163	1,496
2034	162	123	154	126	116	124	106	99	90	114	116	162	1,492
2035	161	122	153	125	115	124	106	98	90	114	116	161	1,487
2036	161	122	153	125	115	124	106	98	90	114	116	161	1,487
2037	161	122	153	125	115	124	106	98	90	114	115	161	1,485
2038	160	121	153	125	115	124	106	98	90	114	115	160	1,481
2039	160	121	152	125	115	124	106	98	90	114	115	160	1,477
2040	159	121	152	124	114	123	105	98	90	113	114	159	1,473

San Diego Gas and Electric Company
Core Industrial Demand Forecast (Mdth)
Cold Temperature
Table CoreInd-2

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	177	135	166	134	121	128	109	101	93	118	124	177	1,584
2026	178	136	167	135	122	129	110	102	93	119	124	178	1,593
2027	177	135	166	134	121	128	109	101	93	118	124	177	1,582
2028	176	134	165	133	120	128	109	101	92	118	123	176	1,575
2029	175	134	164	133	120	127	108	100	92	117	122	175	1,568
2030	175	133	164	132	119	127	108	100	92	117	122	175	1,563
2031	173	132	162	131	119	126	107	100	91	116	121	173	1,553
2032	172	132	162	131	118	125	107	99	91	116	121	172	1,545
2033	172	131	161	130	118	125	107	99	91	115	120	172	1,540
2034	171	131	161	130	117	125	106	99	90	115	120	171	1,536
2035	171	130	160	129	117	124	106	98	90	115	119	170	1,530
2036	170	130	160	129	117	125	106	98	90	115	119	170	1,531
2037	170	130	160	129	117	124	106	98	90	115	119	170	1,529
2038	170	129	159	129	117	124	106	98	90	114	119	170	1,525
2039	169	129	159	128	116	124	106	98	90	114	119	169	1,521
2040	168	128	158	128	116	124	105	98	90	114	118	168	1,516

San Diego Gas and Electric Company
Core Industrial Demand Forecast (Mdth)
Hot Temperature
Table CoreInd-3

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	158	119	152	126	117	127	109	101	93	117	116	158	1,494
2026	159	120	153	127	118	128	110	102	93	118	116	159	1,503
2027	158	119	152	126	117	127	109	101	93	117	116	158	1,492
2028	157	118	151	125	116	127	109	101	92	116	115	157	1,486
2029	156	118	151	125	116	126	108	100	92	116	115	157	1,479
2030	156	117	150	124	116	126	108	100	92	115	114	156	1,474
2031	155	116	149	123	115	125	107	100	91	115	113	155	1,465
2032	154	116	148	123	114	125	107	99	91	114	113	154	1,457
2033	153	115	148	122	114	124	107	99	91	114	112	153	1,452
2034	153	115	147	122	114	124	106	99	90	114	112	153	1,448
2035	152	114	147	121	113	124	106	98	90	113	112	152	1,443
2036	152	114	147	122	113	124	106	98	90	113	112	152	1,443
2037	152	114	146	121	113	124	106	98	90	113	111	152	1,441
2038	151	113	146	121	113	124	106	98	90	113	111	151	1,437
2039	151	113	145	121	113	123	106	98	90	113	111	151	1,433
2040	150	113	145	120	112	123	105	98	90	113	111	150	1,429

San Diego Gas and Electric Company
Core Industrial Demand Forecast (Mdth)
Base Temperature
Table CoreInd-4

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2025	113	102	113	109	113	109	113	113	109	113	109	113	1,330
2026	114	103	114	110	114	110	114	114	110	114	110	114	1,338
2027	113	102	113	109	113	109	113	113	109	113	109	113	1,328
2028	112	101	112	109	112	109	112	112	109	112	109	112	1,322
2029	112	101	112	108	112	108	112	112	108	112	108	112	1,316
2030	111	101	111	108	111	108	111	111	108	111	108	111	1,311
2031	111	100	111	107	111	107	111	111	107	111	107	111	1,303
2032	110	99	110	107	110	107	110	110	107	110	107	110	1,296
2033	110	99	110	106	110	106	110	110	106	110	106	110	1,291
2034	109	99	109	106	109	106	109	109	106	109	106	109	1,287
2035	109	98	109	105	109	105	109	109	105	109	105	109	1,282
2036	109	98	109	105	109	105	109	109	105	109	105	109	1,283
2037	109	98	109	105	109	105	109	109	105	109	105	109	1,281
2038	108	98	108	105	108	105	108	108	105	108	105	108	1,277
2039	108	98	108	105	108	105	108	108	105	108	105	108	1,273
2040	108	97	108	104	108	104	108	108	104	108	104	108	1,269

San Diego Gas and Electric Company
Core Industrial G-10
Out-Of-Model Adjustments (Mdt)
Table CoreInd-5

Year	Climate Change	Energy Efficiency	AAFS
2025	0.0	0.0	0.0
2026	-0.9	-1.2	0.0
2027	-1.9	-2.3	0.0
2028	-2.8	-3.5	0.0
2029	-3.7	-4.7	0.0
2030	-4.7	-5.8	0.0
2031	-5.6	-7.0	0.0
2032	-6.5	-8.2	0.0
2033	-7.4	-9.4	0.0
2034	-8.3	-10.6	0.0
2035	-9.2	-11.8	0.0
2036	-10.1	-11.8	0.0
2037	-11.0	-11.8	0.0
2038	-11.9	-11.8	0.0
2039	-12.8	-11.9	0.0
2040	-13.7	-11.9	0.0

San Diego Gas and Electric Company
Core Industrial G-10
Base Year Throughput and Customer Counts
Table CoreInd-6

Business Type	2025 Weather- adjusted Therm Sales	2025 Meter Count	2025 Meter Count of Existing customers	2025 Meter Count of New Customers	Avg Use Per Meter of Existing Customers	Avg Use Per Meter of New Customers	Price Elasticity
Food	2922469	291	289	2	10087	3630	-0.06940
Textile	14393	14	14	0	1028	0	-0.05208
Chemical	2254751	74	74	0	30470	0	-0.05606
Petroleum	2349	2	2	0	1174	0	-0.33245
Prim_Metal	485730	9	9	0	53970	0	-0.37233
Fab_Metal	995874	129	129	0	7720	0	-0.15666
Transport	2000788	69	69	0	28997	0	-0.31742
Misc	6711644	467	464	3	14315	23195	-0.15160
Total	15,387,998	1,055					

San Diego Gas and Electric Company
Core Industrial G-10
Accounts
Table CoreInd-7

Segment ID	2025	2026	2027	2028	2029	2030	2031	2032
Chemical_new	0	0	0	0	0	0	0	0
Chemical_old	74	74	74	74	73	73	73	73
Fab_Metal_new	0	0	0	0	0	0	0	0
Fab_Metal_old	129	129	129	129	129	129	129	129
Food_new	2	4	5	7	9	11	12	14
Food_old	289	288	286	284	282	281	279	277
Misc_new	3	7	11	15	19	23	27	31
Misc_old	464	462	458	455	452	449	445	442
Petroleum_new	0	0	0	0	0	0	0	0
Petroleum_old	2	2	2	2	2	2	2	2
Prim_Metal_new	0	0	0	0	0	0	0	0
Prim_Metal_old	9	9	9	9	9	9	9	9
Textile_new	0	0	0	0	0	0	0	0
Textile_old	14	14	14	14	14	14	14	14
Transport_new	0	0	0	0	0	0	0	0
Transport_old	69	69	68	67	67	66	66	65

Segment ID	2033	2034	2035	2036	2037	2038	2039	2040
Chemical_new	0	0	0	0	0	0	0	0
Chemical_old	73	72	72	72	72	72	71	71
Fab_Metal_new	0	0	0	0	0	0	0	0
Fab_Metal_old	129	129	129	129	129	129	129	129
Food_new	16	18	19	21	23	24	26	28
Food_old	275	274	272	270	269	267	265	263
Misc_new	35	39	43	47	51	55	59	62
Misc_old	439	436	432	429	426	423	420	416
Petroleum_new	0	0	0	0	0	0	0	0
Petroleum_old	2	2	2	2	2	2	2	2
Prim_Metal_new	0	0	0	0	0	0	0	0
Prim_Metal_old	9	9	9	9	9	9	9	9
Textile_new	0	0	0	0	0	0	0	0
Textile_old	14	14	14	14	14	14	14	14
Transport_new	0	0	0	0	0	0	0	0
Transport_old	64	64	63	63	62	62	61	60

Note: For each business segment in the above and following tables in this section, there is a postfix that "_old" refers to the vintage on and before 2020 while "_new" refers to the vintage after 2020.

San Diego Gas and Electric Company
Core Industrial G-10
Units
Table CoreInd-8

Segment ID	Units
Chemical_new	0
Chemical_old	74
Fab_Metal_new	0
Fab_Metal_old	129
Food_new	2
Food_old	289
Misc_new	3
Misc_old	464
Petroleum_new	0
Petroleum_old	2
Prim_Metal_new	0
Prim_Metal_old	9
Textile_new	0
Textile_old	14
Transport_new	0
Transport_old	69

San Diego Gas and Electric Company
Core Industrial G-10
Saturation
Table CoreInd-9.1

Saturation	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SATURATION	Ex	Chemical_new	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Chemical_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Chemical_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Chemical_new	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Chemical_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_new	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Chemical_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Chemical_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Chemical_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Chemical_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Fab_Metal_new	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Fab_Metal_new	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Fab_Metal_new	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	Fab_Metal_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Fab_Metal_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Fab_Metal_new	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Fab_Metal_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_old	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Fab_Metal_old	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Fab_Metal_old	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	Fab_Metal_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Fab_Metal_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Fab_Metal_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Fab_Metal_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Food_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Food_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Food_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Food_new	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_new	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	Ex	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Food_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	Ex	Food_new	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	Ex	Food_new	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_old	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Food_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Food_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Food_old	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_old	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	Ex	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Food_old	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	Ex	Food_old	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	Ex	Food_old	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Misc_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_new	Drying	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	Ex	Misc_new	Engine	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SATURATION	Ex	Misc_new	Fire_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Misc_new	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	Ex	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Misc_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Misc_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12

SATURATION	Ex	Transport_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Transport_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Transport_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Transport_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Transport_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Transport_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Transport_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Transport_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Chemical_new	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	New	Chemical_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Chemical_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Chemical_new	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Chemical_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Chemical_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Chemical_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Chemical_new	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Chemical_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	New	Chemical_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Chemical_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Chemical_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Chemical_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Chemical_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Chemical_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Chemical_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Fab_Metal_new	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	New	Fab_Metal_new	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	Fab_Metal_new	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	New	Fab_Metal_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	Fab_Metal_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Fab_Metal_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Fab_Metal_new	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	New	Fab_Metal_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	Fab_Metal_old	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	New	Fab_Metal_old	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	New	Fab_Metal_old	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	New	Fab_Metal_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	Fab_Metal_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Fab_Metal_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Fab_Metal_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	New	Fab_Metal_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	New	Food_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Food_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Food_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Food_new	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	New	Food_new	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	New	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Food_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	New	Food_new	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	New	Food_new	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	New	Food_old	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Food_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Food_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Food_old	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	New	Food_old	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	New	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Food_old	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	New	Food_old	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	New	Food_old	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	New	Misc_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Misc_new	Drying	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	New	Misc_new	Engine	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SATURATION	New	Misc_new	Fire_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Misc_new	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	New	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Misc_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	New	Misc_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Misc_new	Water Tube Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12

[illegible]

SATURATION	New	Transport_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	New	Transport_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Transport_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Transport_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Transport_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Transport_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Transport_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Transport_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14

San Diego Gas and Electric Company
Core Industrial G-10
Saturation
Table CoreInd-9.2

Saturation	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SATURATION	Ex	Chemical_new	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Chemical_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Chemical_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Chemical_new	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Chemical_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_new	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Chemical_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Chemical_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Chemical_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Chemical_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Chemical_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Chemical_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Fab_Metal_new	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Fab_Metal_new	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Fab_Metal_new	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	Fab_Metal_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Fab_Metal_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Fab_Metal_new	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Fab_Metal_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_old	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Fab_Metal_old	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Fab_Metal_old	Engine	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
SATURATION	Ex	Fab_Metal_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Fab_Metal_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Fab_Metal_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Fab_Metal_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Fab_Metal_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Food_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Food_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Food_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Food_new	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_new	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	Ex	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Food_new	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	Ex	Food_new	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	Ex	Food_new	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_old	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Food_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Food_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Food_old	Fire_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Food_old	Furnace_Oven_Kiln	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SATURATION	Ex	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Food_old	Space_Heat	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
SATURATION	Ex	Food_old	Water_Heat	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
SATURATION	Ex	Food_old	Water_Tube_Boiler	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
SATURATION	Ex	Misc_new	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_new	Drying	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	Ex	Misc_new	Engine	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SATURATION	Ex	Misc_new	Fire_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Misc_new	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	Ex	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Misc_new	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Misc_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12

SATURATION	Ex	Misc_old	AC	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_old	Drying	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SATURATION	Ex	Misc_old	Engine	0.63	0.63	0.63	0.63	0.63	0.63	0.63
SATURATION	Ex	Misc_old	Fire_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Misc_old	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	Ex	Misc_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Misc_old	Space_Heat	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Misc_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Misc_old	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Petroleum_new	AC	-	-	-	-	-	-	-
SATURATION	Ex	Petroleum_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Petroleum_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Petroleum_new	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Petroleum_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Petroleum_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Petroleum_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Petroleum_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Petroleum_new	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Petroleum_old	AC	-	-	-	-	-	-	-
SATURATION	Ex	Petroleum_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Petroleum_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Petroleum_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Petroleum_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Petroleum_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Petroleum_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Petroleum_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Petroleum_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Prim_Metal_new	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Prim_Metal_new	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Prim_Metal_new	Engine	-	-	-	-	-	-	-
SATURATION	Ex	Prim_Metal_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Prim_Metal_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Prim_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Prim_Metal_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Prim_Metal_new	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Prim_Metal_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Prim_Metal_old	AC	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SATURATION	Ex	Prim_Metal_old	Drying	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SATURATION	Ex	Prim_Metal_old	Engine	-	-	-	-	-	-	-
SATURATION	Ex	Prim_Metal_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Prim_Metal_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Prim_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Prim_Metal_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Prim_Metal_old	Water_Heat	0.76	0.76	0.76	0.76	0.76	0.76	0.76
SATURATION	Ex	Prim_Metal_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SATURATION	Ex	Textile_new	AC	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Textile_new	Drying	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Textile_new	Engine	-	-	-	-	-	-	-
SATURATION	Ex	Textile_new	Fire_Tube_Boiler	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SATURATION	Ex	Textile_new	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	Ex	Textile_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Textile_new	Space_Heat	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Textile_new	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SATURATION	Ex	Textile_new	Water_Tube_Boiler	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SATURATION	Ex	Textile_old	AC	0.72	0.72	0.72	0.72	0.72	0.72	0.72
SATURATION	Ex	Textile_old	Drying	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Textile_old	Engine	-	-	-	-	-	-	-
SATURATION	Ex	Textile_old	Fire_Tube_Boiler	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SATURATION	Ex	Textile_old	Furnace_Oven_Kiln	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SATURATION	Ex	Textile_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Textile_old	Space_Heat	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Textile_old	Water_Heat	0.71	0.71	0.71	0.71	0.71	0.71	0.71
SATURATION	Ex	Textile_old	Water_Tube_Boiler	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SATURATION	Ex	Transport_new	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	Ex	Transport_new	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	Ex	Transport_new	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	Ex	Transport_new	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	Ex	Transport_new	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	Ex	Transport_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	Ex	Transport_new	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Transport_new	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	Ex	Transport_new	Water Tube Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14

SATURATION	New	Transport_old	AC	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
SATURATION	New	Transport_old	Drying	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SATURATION	New	Transport_old	Engine	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
SATURATION	New	Transport_old	Fire_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
SATURATION	New	Transport_old	Furnace_Oven_Kiln	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SATURATION	New	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SATURATION	New	Transport_old	Space_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Transport_old	Water_Heat	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
SATURATION	New	Transport_old	Water_Tube_Boiler	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14

San Diego Gas and Electric Company
Core Industrial G-10
Gas Fuel Market Shares
Table CoreInd-10.1

Share	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
SHARE	Ex	Chemical_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Chemical_new	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Chemical_new	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Chemical_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Chemical_new	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	Ex	Chemical_new	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Chemical_new	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Chemical_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Chemical_old	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Chemical_old	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Chemical_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Chemical_old	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	Ex	Chemical_old	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Chemical_old	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Fab_Metal_new	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_new	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_new	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Fab_Metal_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Fab_Metal_new	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Fab_Metal_new	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Fab_Metal_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Fab_Metal_old	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_old	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_old	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Fab_Metal_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Fab_Metal_old	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Fab_Metal_old	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Food_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Food_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Food_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_new	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Food_new	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Food_new	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	Ex	Food_new	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	Ex	Food_new	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Food_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Food_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Food_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_old	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Food_old	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Food_old	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	Ex	Food_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	Ex	Food_old	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Misc_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Misc_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Misc_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Misc_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Misc_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53

SHARE	Ex	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Misc_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Misc_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Misc_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Misc_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Misc_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Misc_old	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	Misc_old	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Petroleum_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Petroleum_new	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	Ex	Petroleum_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Petroleum_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Petroleum_new	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	Ex	Petroleum_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Petroleum_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Petroleum_new	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	Petroleum_new	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Petroleum_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Petroleum_old	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	Ex	Petroleum_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Petroleum_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Petroleum_old	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	Ex	Petroleum_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Petroleum_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Petroleum_old	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	Petroleum_old	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Prim_Metal_new	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Prim_Metal_new	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	Ex	Prim_Metal_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Prim_Metal_new	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Prim_Metal_new	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	Ex	Prim_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Prim_Metal_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Prim_Metal_new	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	Ex	Prim_Metal_new	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Prim_Metal_old	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Prim_Metal_old	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	Ex	Prim_Metal_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Prim_Metal_old	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Prim_Metal_old	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	Ex	Prim_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Prim_Metal_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Prim_Metal_old	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	Ex	Prim_Metal_old	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Textile_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_new	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Textile_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_new	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Textile_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Textile_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Textile_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Textile_new	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	Ex	Textile_new	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	Textile_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_old	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Textile_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_old	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Textile_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Textile_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Textile_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Textile_old	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	Ex	Textile_old	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	Transport_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Transport_new	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Transport_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Transport_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Transport_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Transport_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Transport_new	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20

SHARE	New	Misc_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Misc_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Misc_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Misc_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Misc_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Misc_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Misc_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Misc_old	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_old	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Petroleum_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Petroleum_new	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	New	Petroleum_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Petroleum_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Petroleum_new	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	New	Petroleum_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Petroleum_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Petroleum_new	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	Petroleum_new	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Petroleum_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Petroleum_old	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	New	Petroleum_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Petroleum_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Petroleum_old	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	New	Petroleum_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Petroleum_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Petroleum_old	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	Petroleum_old	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Prim_Metal_new	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Prim_Metal_new	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	New	Prim_Metal_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Prim_Metal_new	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Prim_Metal_new	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	New	Prim_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Prim_Metal_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Prim_Metal_new	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	New	Prim_Metal_new	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Prim_Metal_old	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Prim_Metal_old	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	New	Prim_Metal_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Prim_Metal_old	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Prim_Metal_old	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	New	Prim_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Prim_Metal_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Prim_Metal_old	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	New	Prim_Metal_old	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Textile_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_new	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Textile_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_new	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Textile_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Textile_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Textile_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Textile_new	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	New	Textile_new	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	Textile_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_old	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Textile_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_old	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Textile_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Textile_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Textile_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Textile_old	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	New	Textile_old	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	Transport_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Transport_new	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Transport_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Transport_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08

SHARE	New	Transport_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Transport_new	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_new	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Transport_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Transport_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Transport_old	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Transport_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Transport_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Transport_old	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_old	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Transport_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

San Diego Gas and Electric Company
Core Industrial G-10
Gas Fuel Market Shares
Table CoreInd-10.2

Share	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
SHARE	Ex	Chemical_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Chemical_new	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Chemical_new	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Chemical_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Chemical_new	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	Ex	Chemical_new	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Chemical_new	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Chemical_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Chemical_old	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Chemical_old	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Chemical_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Chemical_old	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	Ex	Chemical_old	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	Ex	Chemical_old	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Fab_Metal_new	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_new	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_new	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Fab_Metal_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Fab_Metal_new	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Fab_Metal_new	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Fab_Metal_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Fab_Metal_old	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	Ex	Fab_Metal_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_old	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Fab_Metal_old	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Fab_Metal_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Fab_Metal_old	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Fab_Metal_old	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Food_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Food_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Food_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_new	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Food_new	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Food_new	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	Ex	Food_new	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	Ex	Food_new	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Food_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Food_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Food_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_old	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Food_old	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Food_old	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	Ex	Food_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	Ex	Food_old	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Misc_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Misc_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Misc_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Misc_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Misc_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21

SHARE	Ex	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Misc_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Misc_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Misc_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Misc_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Misc_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Misc_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Misc_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Misc_old	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	Ex	Misc_old	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	Ex	Petroleum_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Petroleum_new	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	Ex	Petroleum_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Petroleum_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Petroleum_new	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	Ex	Petroleum_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Petroleum_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Petroleum_new	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	Petroleum_new	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Petroleum_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Petroleum_old	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	Ex	Petroleum_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	Ex	Petroleum_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Petroleum_old	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	Ex	Petroleum_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Petroleum_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Petroleum_old	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	Ex	Petroleum_old	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	Ex	Prim_Metal_new	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Prim_Metal_new	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	Ex	Prim_Metal_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Prim_Metal_new	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Prim_Metal_new	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	Ex	Prim_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Prim_Metal_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Prim_Metal_new	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	Ex	Prim_Metal_new	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Prim_Metal_old	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Prim_Metal_old	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	Ex	Prim_Metal_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Prim_Metal_old	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Prim_Metal_old	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	Ex	Prim_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Prim_Metal_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	Ex	Prim_Metal_old	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	Ex	Prim_Metal_old	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	Ex	Textile_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_new	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Textile_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_new	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Textile_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Textile_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Textile_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Textile_new	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	Ex	Textile_new	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	Textile_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_old	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	Ex	Textile_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Textile_old	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Textile_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	Ex	Textile_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Textile_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	Ex	Textile_old	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	Ex	Textile_old	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	Ex	Transport_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Transport_new	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Transport_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Transport_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Transport_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08

SHARE	Ex	Transport_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Transport_new	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Transport_new	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Transport_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	Ex	Transport_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	Ex	Transport_old	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Transport_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	Ex	Transport_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	Ex	Transport_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	Ex	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	Ex	Transport_old	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	Ex	Transport_old	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	Ex	Transport_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Chemical_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Chemical_new	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Chemical_new	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Chemical_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Chemical_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Chemical_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Chemical_new	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	New	Chemical_new	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	New	Chemical_new	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Chemical_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Chemical_old	Drying	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Chemical_old	Engine	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Chemical_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Chemical_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Chemical_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Chemical_old	Space_Heat	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
SHARE	New	Chemical_old	Water_Heat	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
SHARE	New	Chemical_old	Water_Tube_Boiler	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Fab_Metal_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Fab_Metal_new	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Fab_Metal_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Fab_Metal_new	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Fab_Metal_new	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Fab_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Fab_Metal_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Fab_Metal_new	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Fab_Metal_new	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Fab_Metal_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Fab_Metal_old	Drying	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
SHARE	New	Fab_Metal_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Fab_Metal_old	Fire_Tube_Boiler	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Fab_Metal_old	Furnace_Oven_Kiln	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Fab_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Fab_Metal_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Fab_Metal_old	Water_Heat	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Fab_Metal_old	Water_Tube_Boiler	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Food_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Food_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Food_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Food_new	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Food_new	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Food_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Food_new	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	New	Food_new	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	New	Food_new	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Food_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Food_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Food_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Food_old	Fire_Tube_Boiler	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Food_old	Furnace_Oven_Kiln	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Food_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Food_old	Space_Heat	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
SHARE	New	Food_old	Water_Heat	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
SHARE	New	Food_old	Water_Tube_Boiler	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Misc_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_new	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Misc_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

SHARE	New	Misc_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Misc_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Misc_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Misc_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Misc_new	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_new	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Misc_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Misc_old	Drying	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Misc_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Misc_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Misc_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Misc_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Misc_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Misc_old	Water_Heat	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
SHARE	New	Misc_old	Water_Tube_Boiler	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
SHARE	New	Petroleum_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Petroleum_new	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	New	Petroleum_new	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Petroleum_new	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Petroleum_new	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	New	Petroleum_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Petroleum_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Petroleum_new	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	Petroleum_new	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Petroleum_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Petroleum_old	Drying	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
SHARE	New	Petroleum_old	Engine	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SHARE	New	Petroleum_old	Fire_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Petroleum_old	Furnace_Oven_Kiln	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SHARE	New	Petroleum_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Petroleum_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Petroleum_old	Water_Heat	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SHARE	New	Petroleum_old	Water_Tube_Boiler	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
SHARE	New	Prim_Metal_new	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Prim_Metal_new	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	New	Prim_Metal_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Prim_Metal_new	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Prim_Metal_new	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	New	Prim_Metal_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Prim_Metal_new	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Prim_Metal_new	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	New	Prim_Metal_new	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Prim_Metal_old	AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Prim_Metal_old	Drying	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
SHARE	New	Prim_Metal_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Prim_Metal_old	Fire_Tube_Boiler	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Prim_Metal_old	Furnace_Oven_Kiln	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
SHARE	New	Prim_Metal_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Prim_Metal_old	Space_Heat	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
SHARE	New	Prim_Metal_old	Water_Heat	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
SHARE	New	Prim_Metal_old	Water_Tube_Boiler	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
SHARE	New	Textile_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_new	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Textile_new	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_new	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Textile_new	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Textile_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Textile_new	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Textile_new	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	New	Textile_new	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	Textile_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_old	Drying	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
SHARE	New	Textile_old	Engine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Textile_old	Fire_Tube_Boiler	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Textile_old	Furnace_Oven_Kiln	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
SHARE	New	Textile_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Textile_old	Space_Heat	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
SHARE	New	Textile_old	Water_Heat	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
SHARE	New	Textile_old	Water_Tube_Boiler	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SHARE	New	Transport_new	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SHARE	New	Transport_new	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_new	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Transport_new	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Transport_new	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Transport_new	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Transport_new	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_new	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Transport_new	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHARE	New	Transport_old	AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARE	New	Transport_old	Drying	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_old	Engine	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SHARE	New	Transport_old	Fire_Tube_Boiler	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SHARE	New	Transport_old	Furnace_Oven_Kiln	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
SHARE	New	Transport_old	Other	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SHARE	New	Transport_old	Space_Heat	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
SHARE	New	Transport_old	Water_Heat	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SHARE	New	Transport_old	Water_Tube_Boiler	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

San Diego Gas and Electric Company
Core Industrial G-10
Average Gas Consumption Per Unit (therm)
Table CoreInd-11.1

UEC	Existing/New	Segment ID	End Use	2025	2026	2027	2028	2029	2030	2031	2032
UEC	Ex	Chemical_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Chemical_new	Drying	13,002	13,036	13,012	13,001	12,990	12,982	12,964	12,951
UEC	Ex	Chemical_new	Engine	363	364	364	363	363	363	362	362
UEC	Ex	Chemical_new	Fire_Tube_Boiler	575,817	577,298	576,244	575,739	575,283	574,925	574,138	573,539
UEC	Ex	Chemical_new	Furnace_Oven_Kiln	292,148	292,900	292,365	292,109	291,878	291,696	291,296	290,993
UEC	Ex	Chemical_new	Other	119	119	119	119	119	119	119	119
UEC	Ex	Chemical_new	Space_Heat	17,091	17,135	17,103	17,088	17,075	17,064	17,041	17,023
UEC	Ex	Chemical_new	Water_Heat	13,396	13,430	13,406	13,394	13,384	13,375	13,357	13,343
UEC	Ex	Chemical_new	Water_Tube_Boiler	323,967	324,801	324,208	323,924	323,668	323,466	323,023	322,686
UEC	Ex	Chemical_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Chemical_old	Drying	13,002	13,036	13,012	13,001	12,990	12,982	12,964	12,951
UEC	Ex	Chemical_old	Engine	363	364	364	363	363	363	362	362
UEC	Ex	Chemical_old	Fire_Tube_Boiler	575,817	577,298	576,244	575,739	575,283	574,925	574,138	573,539
UEC	Ex	Chemical_old	Furnace_Oven_Kiln	292,148	292,900	292,365	292,109	291,878	291,696	291,296	290,993
UEC	Ex	Chemical_old	Other	119	119	119	119	119	119	119	119
UEC	Ex	Chemical_old	Space_Heat	17,091	17,135	17,103	17,088	17,075	17,064	17,041	17,023
UEC	Ex	Chemical_old	Water_Heat	13,396	13,430	13,406	13,394	13,384	13,375	13,357	13,343
UEC	Ex	Chemical_old	Water_Tube_Boiler	323,967	324,801	324,208	323,924	323,668	323,466	323,023	322,686
UEC	Ex	Fab_Metal_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_new	Drying	9,784	9,854	9,804	9,780	9,758	9,741	9,704	9,675
UEC	Ex	Fab_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_new	Fire_Tube_Boiler	102,743	103,482	102,954	102,702	102,475	102,297	101,905	101,608
UEC	Ex	Fab_Metal_new	Furnace_Oven_Kiln	353,754	356,298	354,480	353,612	352,830	352,216	350,868	349,846
UEC	Ex	Fab_Metal_new	Other	112	113	113	112	112	112	111	111
UEC	Ex	Fab_Metal_new	Space_Heat	9,387	9,454	9,406	9,383	9,362	9,346	9,310	9,283
UEC	Ex	Fab_Metal_new	Water_Heat	2,057	2,072	2,061	2,056	2,052	2,048	2,040	2,034
UEC	Ex	Fab_Metal_new	Water_Tube_Boiler	100,293	101,014	100,499	100,253	100,031	99,857	99,475	99,185
UEC	Ex	Fab_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_old	Drying	9,784	9,854	9,804	9,780	9,758	9,741	9,704	9,675
UEC	Ex	Fab_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_old	Fire_Tube_Boiler	102,743	103,482	102,954	102,702	102,475	102,297	101,905	101,608
UEC	Ex	Fab_Metal_old	Furnace_Oven_Kiln	353,754	356,298	354,480	353,612	352,830	352,216	350,868	349,846
UEC	Ex	Fab_Metal_old	Other	112	113	113	112	112	112	111	111
UEC	Ex	Fab_Metal_old	Space_Heat	9,387	9,454	9,406	9,383	9,362	9,346	9,310	9,283
UEC	Ex	Fab_Metal_old	Water_Heat	2,057	2,072	2,061	2,056	2,052	2,048	2,040	2,034
UEC	Ex	Fab_Metal_old	Water_Tube_Boiler	100,293	101,014	100,499	100,253	100,031	99,857	99,475	99,185
UEC	Ex	Food_new	AC	2,141	2,148	2,143	2,141	2,139	2,137	2,134	2,131
UEC	Ex	Food_new	Drying	91,688	91,980	91,772	91,672	91,582	91,512	91,357	91,239
UEC	Ex	Food_new	Engine	100,432	100,752	100,524	100,415	100,317	100,240	100,070	99,941
UEC	Ex	Food_new	Fire_Tube_Boiler	85,607	85,879	85,685	85,592	85,508	85,443	85,298	85,188
UEC	Ex	Food_new	Furnace_Oven_Kiln	67,415	67,630	67,477	67,404	67,338	67,286	67,172	67,085
UEC	Ex	Food_new	Other	296	297	296	296	296	296	295	295
UEC	Ex	Food_new	Space_Heat	6,727	6,748	6,733	6,726	6,719	6,714	6,703	6,694
UEC	Ex	Food_new	Water_Heat	1,926	1,932	1,927	1,925	1,923	1,922	1,919	1,916
UEC	Ex	Food_new	Water_Tube_Boiler	20,269	20,334	20,288	20,266	20,246	20,231	20,196	20,170
UEC	Ex	Food_old	AC	2,141	2,148	2,143	2,141	2,139	2,137	2,134	2,131
UEC	Ex	Food_old	Drying	91,688	91,980	91,772	91,672	91,582	91,512	91,357	91,239
UEC	Ex	Food_old	Engine	100,432	100,752	100,524	100,415	100,317	100,240	100,070	99,941
UEC	Ex	Food_old	Fire_Tube_Boiler	85,607	85,879	85,685	85,592	85,508	85,443	85,298	85,188
UEC	Ex	Food_old	Furnace_Oven_Kiln	67,415	67,630	67,477	67,404	67,338	67,286	67,172	67,085
UEC	Ex	Food_old	Other	296	297	296	296	296	296	295	295
UEC	Ex	Food_old	Space_Heat	6,727	6,748	6,733	6,726	6,719	6,714	6,703	6,694
UEC	Ex	Food_old	Water_Heat	1,926	1,932	1,927	1,925	1,923	1,922	1,919	1,916
UEC	Ex	Food_old	Water_Tube_Boiler	20,269	20,334	20,288	20,266	20,246	20,231	20,196	20,170
UEC	Ex	Misc_new	AC	5,394	5,432	5,405	5,392	5,381	5,372	5,352	5,337
UEC	Ex	Misc_new	Drying	143,237	144,234	143,522	143,182	142,875	142,635	142,106	141,706
UEC	Ex	Misc_new	Engine	33,342	33,574	33,408	33,329	33,258	33,202	33,079	32,986
UEC	Ex	Misc_new	Fire_Tube_Boiler	118,912	119,740	119,148	118,866	118,612	118,412	117,973	117,641
UEC	Ex	Misc_new	Furnace_Oven_Kiln	726,569	731,625	728,012	726,287	724,732	723,512	720,832	718,800
UEC	Ex	Misc_new	Other	82	83	83	82	82	82	82	81
UEC	Ex	Misc_new	Space_Heat	15,406	15,513	15,437	15,400	15,367	15,341	15,285	15,241
UEC	Ex	Misc_new	Water_Heat	4,524	4,555	4,533	4,522	4,512	4,505	4,488	4,475
UEC	Ex	Misc_new	Water_Tube_Boiler	79,943	80,499	80,101	79,912	79,740	79,606	79,311	79,088

UEC	Ex	Misc_old	AC	5,394	5,432	5,405	5,392	5,381	5,372	5,352	5,337
UEC	Ex	Misc_old	Drying	143,237	144,234	143,522	143,182	142,875	142,635	142,106	141,706
UEC	Ex	Misc_old	Engine	33,342	33,574	33,408	33,329	33,258	33,202	33,079	32,986
UEC	Ex	Misc_old	Fire_Tube_Boiler	118,912	119,740	119,148	118,866	118,612	118,412	117,973	117,641
UEC	Ex	Misc_old	Furnace_Oven_Kiln	726,569	731,625	728,012	726,287	724,732	723,512	720,832	718,800
UEC	Ex	Misc_old	Other	82	83	83	82	82	82	82	81
UEC	Ex	Misc_old	Space_Heat	15,406	15,513	15,437	15,400	15,367	15,341	15,285	15,241
UEC	Ex	Misc_old	Water_Heat	4,524	4,555	4,533	4,522	4,512	4,505	4,488	4,475
UEC	Ex	Misc_old	Water_Tube_Boiler	79,943	80,499	80,101	79,912	79,740	79,606	79,311	79,088
UEC	Ex	Petroleum_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_new	Drying	34,676	35,205	34,824	34,643	34,480	34,353	34,074	33,863
UEC	Ex	Petroleum_new	Engine	255	259	256	255	253	253	250	249
UEC	Ex	Petroleum_new	Fire_Tube_Boiler	3,849	3,908	3,866	3,846	3,828	3,814	3,783	3,759
UEC	Ex	Petroleum_new	Furnace_Oven_Kiln	154	156	154	153	153	152	151	150
UEC	Ex	Petroleum_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_new	Space_Heat	40	40	40	40	39	39	39	39
UEC	Ex	Petroleum_new	Water_Heat	54	54	54	54	53	53	53	52
UEC	Ex	Petroleum_new	Water_Tube_Boiler	971	985	975	970	965	962	954	948
UEC	Ex	Petroleum_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_old	Drying	34,676	35,205	34,824	34,643	34,480	34,353	34,074	33,863
UEC	Ex	Petroleum_old	Engine	255	259	256	255	253	253	250	249
UEC	Ex	Petroleum_old	Fire_Tube_Boiler	3,849	3,908	3,866	3,846	3,828	3,814	3,783	3,759
UEC	Ex	Petroleum_old	Furnace_Oven_Kiln	154	156	154	153	153	152	151	150
UEC	Ex	Petroleum_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_old	Space_Heat	40	40	40	40	39	39	39	39
UEC	Ex	Petroleum_old	Water_Heat	54	54	54	54	53	53	53	52
UEC	Ex	Petroleum_old	Water_Tube_Boiler	971	985	975	970	965	962	954	948
UEC	Ex	Prim_Metal_new	AC	4,894	4,977	4,917	4,888	4,863	4,843	4,799	4,765
UEC	Ex	Prim_Metal_new	Drying	1,882	1,914	1,891	1,880	1,870	1,862	1,845	1,833
UEC	Ex	Prim_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Prim_Metal_new	Fire_Tube_Boiler	12,869	13,089	12,930	12,855	12,787	12,734	12,618	12,531
UEC	Ex	Prim_Metal_new	Furnace_Oven_Kiln	1,027,374	1,044,933	1,032,260	1,026,251	1,020,857	1,016,637	1,007,387	1,000,413
UEC	Ex	Prim_Metal_new	Other	1,996	2,031	2,006	1,994	1,984	1,976	1,958	1,944
UEC	Ex	Prim_Metal_new	Space_Heat	4,078	4,147	4,097	4,073	4,052	4,035	3,998	3,971
UEC	Ex	Prim_Metal_new	Water_Heat	963	979	968	962	957	953	944	938
UEC	Ex	Prim_Metal_new	Water_Tube_Boiler	40,658	41,353	40,851	40,613	40,400	40,233	39,867	39,591
UEC	Ex	Prim_Metal_old	AC	4,894	4,977	4,917	4,888	4,863	4,843	4,799	4,765
UEC	Ex	Prim_Metal_old	Drying	1,882	1,914	1,891	1,880	1,870	1,862	1,845	1,833
UEC	Ex	Prim_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Prim_Metal_old	Fire_Tube_Boiler	12,869	13,089	12,930	12,855	12,787	12,734	12,618	12,531
UEC	Ex	Prim_Metal_old	Furnace_Oven_Kiln	1,027,374	1,044,933	1,032,260	1,026,251	1,020,857	1,016,637	1,007,387	1,000,412
UEC	Ex	Prim_Metal_old	Other	1,996	2,031	2,006	1,994	1,984	1,976	1,958	1,944
UEC	Ex	Prim_Metal_old	Space_Heat	4,078	4,147	4,097	4,073	4,052	4,035	3,998	3,971
UEC	Ex	Prim_Metal_old	Water_Heat	963	979	968	962	957	953	944	938
UEC	Ex	Prim_Metal_old	Water_Tube_Boiler	40,658	41,353	40,851	40,613	40,400	40,233	39,867	39,591
UEC	Ex	Textile_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Drying	9,201	9,223	9,207	9,199	9,193	9,187	9,176	9,167
UEC	Ex	Textile_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Fire_Tube_Boiler	3,448	3,456	3,450	3,448	3,445	3,443	3,439	3,435
UEC	Ex	Textile_new	Furnace_Oven_Kiln	2,581	2,587	2,583	2,581	2,579	2,577	2,574	2,572
UEC	Ex	Textile_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Space_Heat	50	50	50	50	50	50	50	50
UEC	Ex	Textile_new	Water_Heat	103	103	103	103	103	102	102	102
UEC	Ex	Textile_new	Water_Tube_Boiler	896	898	897	896	895	895	893	893
UEC	Ex	Textile_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Drying	9,201	9,223	9,207	9,199	9,193	9,187	9,176	9,167
UEC	Ex	Textile_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Fire_Tube_Boiler	3,448	3,456	3,450	3,448	3,445	3,443	3,439	3,435
UEC	Ex	Textile_old	Furnace_Oven_Kiln	2,581	2,587	2,583	2,581	2,579	2,577	2,574	2,572
UEC	Ex	Textile_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Space_Heat	50	50	50	50	50	50	50	50
UEC	Ex	Textile_old	Water_Heat	103	103	103	103	103	102	102	102
UEC	Ex	Textile_old	Water_Tube_Boiler	896	898	897	896	895	895	893	893
UEC	Ex	Transport_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Transport_new	Drying	392,047	397,759	393,646	391,693	389,938	388,563	385,549	383,274
UEC	Ex	Transport_new	Engine	12,402	12,583	12,452	12,391	12,335	12,292	12,196	12,124
UEC	Ex	Transport_new	Fire_Tube_Boiler	130,799	132,705	131,333	130,681	130,096	129,637	128,632	127,872
UEC	Ex	Transport_new	Furnace_Oven_Kiln	671,984	681,776	674,727	671,378	668,370	666,014	660,848	656,947
UEC	Ex	Transport_new	Other	34	35	34	34	34	34	34	33
UEC	Ex	Transport_new	Space_Heat	52,348	53,111	52,561	52,301	52,066	51,883	51,480	51,176
UEC	Ex	Transport_new	Water_Heat	15,564	15,791	15,627	15,550	15,480	15,426	15,306	15,216
UEC	Ex	Transport_new	Water_Tube_Boiler	76,203	77,313	76,514	76,134	75,793	75,526	74,940	74,498

UEC	Ex	Transport_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Transport_old	Drying	392,047	397,759	393,646	391,693	389,938	388,563	385,549	383,274
UEC	Ex	Transport_old	Engine	12,402	12,583	12,452	12,391	12,335	12,292	12,196	12,124
UEC	Ex	Transport_old	Fire_Tube_Boiler	130,799	132,705	131,333	130,681	130,096	129,637	128,632	127,872
UEC	Ex	Transport_old	Furnace_Oven_Kiln	671,984	681,776	674,727	671,378	668,370	666,014	660,848	656,947
UEC	Ex	Transport_old	Other	34	35	34	34	34	34	34	33
UEC	Ex	Transport_old	Space_Heat	52,348	53,111	52,561	52,301	52,066	51,883	51,480	51,176
UEC	Ex	Transport_old	Water_Heat	15,564	15,791	15,627	15,550	15,480	15,426	15,306	15,216
UEC	Ex	Transport_old	Water_Tube_Boiler	76,203	77,313	76,514	76,134	75,793	75,526	74,940	74,498
UEC	New	Chemical_new	AC	0	0	0	0	0	0	0	0
UEC	New	Chemical_new	Drying	13,002	13,036	13,012	13,001	12,990	12,982	12,964	12,951
UEC	New	Chemical_new	Engine	363	364	364	363	363	363	362	362
UEC	New	Chemical_new	Fire_Tube_Boiler	575,817	577,298	576,244	575,739	575,283	574,925	574,138	573,539
UEC	New	Chemical_new	Furnace_Oven_Kiln	292,148	292,900	292,365	292,109	291,878	291,696	291,296	290,993
UEC	New	Chemical_new	Other	119	119	119	119	119	119	119	119
UEC	New	Chemical_new	Space_Heat	17,091	17,135	17,103	17,088	17,075	17,064	17,041	17,023
UEC	New	Chemical_new	Water_Heat	13,396	13,430	13,406	13,394	13,384	13,375	13,357	13,343
UEC	New	Chemical_new	Water_Tube_Boiler	323,967	324,801	324,208	323,924	323,668	323,466	323,023	322,686
UEC	New	Chemical_old	AC	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Other	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	AC	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	Drying	9,784	9,854	9,804	9,780	9,758	9,741	9,704	9,675
UEC	New	Fab_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	Fire_Tube_Boiler	102,743	103,482	102,954	102,702	102,475	102,297	101,905	101,608
UEC	New	Fab_Metal_new	Furnace_Oven_Kiln	353,754	356,298	354,480	353,612	352,830	352,216	350,868	349,846
UEC	New	Fab_Metal_new	Other	112	113	113	112	112	112	111	111
UEC	New	Fab_Metal_new	Space_Heat	9,387	9,454	9,406	9,383	9,362	9,346	9,310	9,283
UEC	New	Fab_Metal_new	Water_Heat	2,057	2,072	2,061	2,056	2,052	2,048	2,040	2,034
UEC	New	Fab_Metal_new	Water_Tube_Boiler	100,293	101,014	100,499	100,253	100,031	99,857	99,475	99,185
UEC	New	Fab_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Other	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Food_new	AC	2,141	2,148	2,143	2,141	2,139	2,137	2,134	2,131
UEC	New	Food_new	Drying	91,688	91,980	91,772	91,672	91,582	91,512	91,357	91,239
UEC	New	Food_new	Engine	100,432	100,752	100,524	100,415	100,317	100,240	100,070	99,941
UEC	New	Food_new	Fire_Tube_Boiler	85,607	85,879	85,685	85,592	85,508	85,443	85,298	85,188
UEC	New	Food_new	Furnace_Oven_Kiln	67,415	67,630	67,477	67,404	67,338	67,286	67,172	67,085
UEC	New	Food_new	Other	296	297	296	296	296	296	295	295
UEC	New	Food_new	Space_Heat	6,727	6,748	6,733	6,726	6,719	6,714	6,703	6,694
UEC	New	Food_new	Water_Heat	1,926	1,932	1,927	1,925	1,923	1,922	1,919	1,916
UEC	New	Food_new	Water_Tube_Boiler	20,269	20,334	20,288	20,266	20,246	20,231	20,196	20,170
UEC	New	Food_old	AC	0	0	0	0	0	0	0	0
UEC	New	Food_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Food_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Food_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Food_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Food_old	Other	0	0	0	0	0	0	0	0
UEC	New	Food_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Food_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Food_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Misc_new	AC	5,394	5,432	5,405	5,392	5,381	5,372	5,352	5,337
UEC	New	Misc_new	Drying	143,237	144,234	143,522	143,182	142,875	142,635	142,106	141,706
UEC	New	Misc_new	Engine	33,342	33,574	33,408	33,329	33,258	33,202	33,079	32,986
UEC	New	Misc_new	Fire_Tube_Boiler	118,912	119,740	119,148	118,866	118,612	118,412	117,973	117,641
UEC	New	Misc_new	Furnace_Oven_Kiln	726,569	731,625	728,012	726,287	724,732	723,512	720,832	718,800
UEC	New	Misc_new	Other	82	83	83	82	82	82	82	81
UEC	New	Misc_new	Space_Heat	15,406	15,513	15,437	15,400	15,367	15,341	15,285	15,241
UEC	New	Misc_new	Water_Heat	4,524	4,555	4,533	4,522	4,512	4,505	4,488	4,475
UEC	New	Misc_new	Water_Tube_Boiler	79,943	80,499	80,101	79,912	79,740	79,606	79,311	79,088

UEC	New	Misc_old	AC	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	AC	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	Drying	34,676	35,205	34,824	34,643	34,480	34,353	34,074	33,863
UEC	New	Petroleum_new	Engine	255	259	256	255	253	253	250	249
UEC	New	Petroleum_new	Fire_Tube_Boiler	3,849	3,908	3,866	3,846	3,828	3,814	3,783	3,759
UEC	New	Petroleum_new	Furnace_Oven_Kiln	154	156	154	153	153	152	151	150
UEC	New	Petroleum_new	Other	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	Space_Heat	40	40	40	40	39	39	39	39
UEC	New	Petroleum_new	Water_Heat	54	54	54	54	53	53	53	52
UEC	New	Petroleum_new	Water_Tube_Boiler	971	985	975	970	965	962	954	948
UEC	New	Petroleum_old	AC	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Other	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_new	AC	4,894	4,977	4,917	4,888	4,863	4,843	4,799	4,765
UEC	New	Prim_Metal_new	Drying	1,882	1,914	1,891	1,880	1,870	1,862	1,845	1,833
UEC	New	Prim_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_new	Fire_Tube_Boiler	12,869	13,089	12,930	12,855	12,787	12,734	12,618	12,531
UEC	New	Prim_Metal_new	Furnace_Oven_Kiln	1,027,374	1,044,933	1,032,260	1,026,251	1,020,857	1,016,637	1,007,387	1,000,413
UEC	New	Prim_Metal_new	Other	1,996	2,031	2,006	1,994	1,984	1,976	1,958	1,944
UEC	New	Prim_Metal_new	Space_Heat	4,078	4,147	4,097	4,073	4,052	4,035	3,998	3,971
UEC	New	Prim_Metal_new	Water_Heat	963	979	968	962	957	953	944	938
UEC	New	Prim_Metal_new	Water_Tube_Boiler	40,658	41,353	40,851	40,613	40,400	40,233	39,867	39,591
UEC	New	Prim_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Other	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Textile_new	AC	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Drying	9,201	9,223	9,207	9,199	9,193	9,187	9,176	9,167
UEC	New	Textile_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Fire_Tube_Boiler	3,448	3,456	3,450	3,448	3,445	3,443	3,439	3,435
UEC	New	Textile_new	Furnace_Oven_Kiln	2,581	2,587	2,583	2,581	2,579	2,577	2,574	2,572
UEC	New	Textile_new	Other	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Space_Heat	50	50	50	50	50	50	50	50
UEC	New	Textile_new	Water_Heat	103	103	103	103	103	102	102	102
UEC	New	Textile_new	Water_Tube_Boiler	896	898	897	896	895	895	893	893
UEC	New	Textile_old	AC	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Other	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Transport_new	AC	0	0	0	0	0	0	0	0
UEC	New	Transport_new	Drying	392,047	397,759	393,646	391,693	389,938	388,563	385,549	383,274
UEC	New	Transport_new	Engine	12,402	12,583	12,452	12,391	12,335	12,292	12,196	12,124
UEC	New	Transport_new	Fire_Tube_Boiler	130,799	132,705	131,333	130,681	130,096	129,637	128,632	127,872
UEC	New	Transport_new	Furnace_Oven_Kiln	671,984	681,776	674,727	671,378	668,370	666,014	660,848	656,947
UEC	New	Transport_new	Other	34	35	34	34	34	34	34	33
UEC	New	Transport_new	Space_Heat	52,348	53,111	52,561	52,301	52,066	51,883	51,480	51,176
UEC	New	Transport_new	Water_Heat	15,564	15,791	15,627	15,550	15,480	15,426	15,306	15,216
UEC	New	Transport_new	Water_Tube_Boiler	76,203	77,313	76,514	76,134	75,793	75,526	74,940	74,498

UEC	New	Transport_old	AC	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Other	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0

San Diego Gas and Electric Company
Core Industrial G-10
Average Gas Consumption Per Unit (therm)
Table CoreInd-11.2

UEC	Existing/New	Segment ID	End Use	2033	2034	2035	2036	2037	2038	2039	2040
UEC	Ex	Chemical_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Chemical_new	Drying	12,945	12,943	12,936	12,945	12,945	12,937	12,931	12,923
UEC	Ex	Chemical_new	Engine	362	362	362	362	362	362	361	361
UEC	Ex	Chemical_new	Fire_Tube_Boiler	573,289	573,174	572,891	573,282	573,267	572,942	572,657	572,306
UEC	Ex	Chemical_new	Furnace_Oven_Kiln	290,866	290,807	290,664	290,862	290,855	290,690	290,545	290,367
UEC	Ex	Chemical_new	Other	119	119	119	119	119	119	118	118
UEC	Ex	Chemical_new	Space_Heat	17,016	17,012	17,004	17,016	17,015	17,005	16,997	16,987
UEC	Ex	Chemical_new	Water_Heat	13,337	13,335	13,328	13,337	13,337	13,329	13,323	13,314
UEC	Ex	Chemical_new	Water_Tube_Boiler	322,545	322,481	322,322	322,541	322,533	322,350	322,190	321,993
UEC	Ex	Chemical_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Chemical_old	Drying	12,945	12,943	12,936	12,945	12,945	12,937	12,931	12,923
UEC	Ex	Chemical_old	Engine	362	362	362	362	362	362	361	361
UEC	Ex	Chemical_old	Fire_Tube_Boiler	573,289	573,174	572,891	573,282	573,267	572,942	572,657	572,306
UEC	Ex	Chemical_old	Furnace_Oven_Kiln	290,866	290,807	290,664	290,862	290,855	290,690	290,545	290,367
UEC	Ex	Chemical_old	Other	119	119	119	119	119	119	118	118
UEC	Ex	Chemical_old	Space_Heat	17,016	17,012	17,004	17,016	17,015	17,005	16,997	16,987
UEC	Ex	Chemical_old	Water_Heat	13,337	13,335	13,328	13,337	13,337	13,329	13,323	13,314
UEC	Ex	Chemical_old	Water_Tube_Boiler	322,545	322,481	322,322	322,541	322,533	322,350	322,190	321,993
UEC	Ex	Fab_Metal_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_new	Drying	9,664	9,658	9,645	9,663	9,663	9,647	9,634	9,617
UEC	Ex	Fab_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_new	Fire_Tube_Boiler	101,484	101,427	101,287	101,480	101,473	101,312	101,171	100,998
UEC	Ex	Fab_Metal_new	Furnace_Oven_Kiln	349,419	349,223	348,741	349,406	349,382	348,828	348,342	347,747
UEC	Ex	Fab_Metal_new	Other	111	111	111	111	111	111	111	110
UEC	Ex	Fab_Metal_new	Space_Heat	9,272	9,267	9,254	9,271	9,271	9,256	9,243	9,227
UEC	Ex	Fab_Metal_new	Water_Heat	2,032	2,031	2,028	2,032	2,032	2,028	2,025	2,022
UEC	Ex	Fab_Metal_new	Water_Tube_Boiler	99,064	99,008	98,872	99,060	99,053	98,896	98,759	98,590
UEC	Ex	Fab_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_old	Drying	9,664	9,658	9,645	9,663	9,663	9,647	9,634	9,617
UEC	Ex	Fab_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Fab_Metal_old	Fire_Tube_Boiler	101,484	101,427	101,287	101,480	101,473	101,312	101,171	100,998
UEC	Ex	Fab_Metal_old	Furnace_Oven_Kiln	349,419	349,223	348,741	349,406	349,382	348,828	348,342	347,747
UEC	Ex	Fab_Metal_old	Other	111	111	111	111	111	111	111	110
UEC	Ex	Fab_Metal_old	Space_Heat	9,272	9,267	9,254	9,271	9,271	9,256	9,243	9,227
UEC	Ex	Fab_Metal_old	Water_Heat	2,032	2,031	2,028	2,032	2,032	2,028	2,025	2,022
UEC	Ex	Fab_Metal_old	Water_Tube_Boiler	99,064	99,008	98,872	99,060	99,053	98,896	98,759	98,590
UEC	Ex	Food_new	AC	2,130	2,129	2,128	2,130	2,130	2,128	2,127	2,125
UEC	Ex	Food_new	Drying	91,190	91,167	91,111	91,188	91,185	91,121	91,065	90,996
UEC	Ex	Food_new	Engine	99,887	99,862	99,801	99,885	99,882	99,812	99,750	99,675
UEC	Ex	Food_new	Fire_Tube_Boiler	85,142	85,120	85,068	85,140	85,138	85,078	85,025	84,961
UEC	Ex	Food_new	Furnace_Oven_Kiln	67,049	67,032	66,991	67,048	67,046	66,998	66,957	66,906
UEC	Ex	Food_new	Other	295	295	294	295	295	294	294	294
UEC	Ex	Food_new	Space_Heat	6,690	6,689	6,685	6,690	6,690	6,685	6,681	6,676
UEC	Ex	Food_new	Water_Heat	1,915	1,915	1,913	1,915	1,915	1,914	1,912	1,911
UEC	Ex	Food_new	Water_Tube_Boiler	20,159	20,154	20,142	20,159	20,158	20,144	20,132	20,117
UEC	Ex	Food_old	AC	2,130	2,129	2,128	2,130	2,130	2,128	2,127	2,125
UEC	Ex	Food_old	Drying	91,190	91,167	91,111	91,188	91,185	91,121	91,065	90,996
UEC	Ex	Food_old	Engine	99,887	99,862	99,801	99,885	99,882	99,812	99,750	99,675
UEC	Ex	Food_old	Fire_Tube_Boiler	85,142	85,120	85,068	85,140	85,138	85,078	85,025	84,961
UEC	Ex	Food_old	Furnace_Oven_Kiln	67,049	67,032	66,991	67,048	67,046	66,998	66,957	66,906
UEC	Ex	Food_old	Other	295	295	294	295	295	294	294	294
UEC	Ex	Food_old	Space_Heat	6,690	6,689	6,685	6,690	6,690	6,685	6,681	6,676
UEC	Ex	Food_old	Water_Heat	1,915	1,915	1,913	1,915	1,915	1,914	1,912	1,911
UEC	Ex	Food_old	Water_Tube_Boiler	20,159	20,154	20,142	20,159	20,158	20,144	20,132	20,117
UEC	Ex	Misc_new	AC	5,330	5,327	5,320	5,330	5,330	5,322	5,314	5,306
UEC	Ex	Misc_new	Drying	141,539	141,462	141,273	141,533	141,524	141,307	141,116	140,883
UEC	Ex	Misc_new	Engine	32,947	32,929	32,885	32,945	32,943	32,893	32,848	32,794
UEC	Ex	Misc_new	Fire_Tube_Boiler	117,502	117,438	117,281	117,498	117,490	117,310	117,152	116,958
UEC	Ex	Misc_new	Furnace_Oven_Kiln	717,952	717,562	716,604	717,926	717,878	716,776	715,810	714,627

UEC	Ex	Misc_new	Other	81	81	81	81	81	81	81	81
UEC	Ex	Misc_new	Space_Heat	15,223	15,215	15,195	15,223	15,222	15,199	15,178	15,153
UEC	Ex	Misc_new	Water_Heat	4,470	4,468	4,462	4,470	4,469	4,463	4,457	4,449
UEC	Ex	Misc_new	Water_Tube_Boiler	78,994	78,952	78,846	78,992	78,986	78,865	78,759	78,629
UEC	Ex	Misc_old	AC	5,330	5,327	5,320	5,330	5,330	5,322	5,314	5,306
UEC	Ex	Misc_old	Drying	141,539	141,462	141,273	141,533	141,524	141,307	141,116	140,883
UEC	Ex	Misc_old	Engine	32,947	32,929	32,885	32,945	32,943	32,893	32,848	32,794
UEC	Ex	Misc_old	Fire_Tube_Boiler	117,502	117,438	117,281	117,498	117,490	117,310	117,152	116,958
UEC	Ex	Misc_old	Furnace_Oven_Kiln	717,952	717,562	716,604	717,926	717,878	716,776	715,810	714,627
UEC	Ex	Misc_old	Other	81	81	81	81	81	81	81	81
UEC	Ex	Misc_old	Space_Heat	15,223	15,215	15,195	15,223	15,222	15,199	15,178	15,153
UEC	Ex	Misc_old	Water_Heat	4,470	4,468	4,462	4,470	4,469	4,463	4,457	4,449
UEC	Ex	Misc_old	Water_Tube_Boiler	78,994	78,952	78,846	78,992	78,986	78,865	78,759	78,629
UEC	Ex	Petroleum_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_new	Drying	33,776	33,735	33,637	33,773	33,768	33,654	33,555	33,433
UEC	Ex	Petroleum_new	Engine	248	248	247	248	248	247	247	246
UEC	Ex	Petroleum_new	Fire_Tube_Boiler	3,749	3,745	3,734	3,749	3,749	3,736	3,725	3,711
UEC	Ex	Petroleum_new	Furnace_Oven_Kiln	150	149	149	150	150	149	149	148
UEC	Ex	Petroleum_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_new	Space_Heat	39	39	38	39	39	38	38	38
UEC	Ex	Petroleum_new	Water_Heat	52	52	52	52	52	52	52	52
UEC	Ex	Petroleum_new	Water_Tube_Boiler	945	944	942	945	945	942	939	936
UEC	Ex	Petroleum_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_old	Drying	33,776	33,735	33,637	33,773	33,768	33,654	33,555	33,433
UEC	Ex	Petroleum_old	Engine	248	248	247	248	248	247	247	246
UEC	Ex	Petroleum_old	Fire_Tube_Boiler	3,749	3,745	3,734	3,749	3,749	3,736	3,725	3,711
UEC	Ex	Petroleum_old	Furnace_Oven_Kiln	150	149	149	150	150	149	149	148
UEC	Ex	Petroleum_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Petroleum_old	Space_Heat	39	39	38	39	39	38	38	38
UEC	Ex	Petroleum_old	Water_Heat	52	52	52	52	52	52	52	52
UEC	Ex	Petroleum_old	Water_Tube_Boiler	945	944	942	945	945	942	939	936
UEC	Ex	Prim_Metal_new	AC	4,751	4,745	4,730	4,751	4,750	4,732	4,717	4,698
UEC	Ex	Prim_Metal_new	Drying	1,827	1,825	1,819	1,827	1,827	1,820	1,814	1,807
UEC	Ex	Prim_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Prim_Metal_new	Fire_Tube_Boiler	12,495	12,478	12,437	12,493	12,491	12,444	12,403	12,353
UEC	Ex	Prim_Metal_new	Furnace_Oven_Kiln	997,514	996,183	992,917	997,414	997,250	993,494	990,205	986,183
UEC	Ex	Prim_Metal_new	Other	1,938	1,936	1,929	1,938	1,938	1,931	1,924	1,916
UEC	Ex	Prim_Metal_new	Space_Heat	3,959	3,954	3,941	3,959	3,958	3,943	3,930	3,914
UEC	Ex	Prim_Metal_new	Water_Heat	935	934	931	935	935	931	928	924
UEC	Ex	Prim_Metal_new	Water_Tube_Boiler	39,476	39,423	39,294	39,472	39,466	39,317	39,187	39,028
UEC	Ex	Prim_Metal_old	AC	4,751	4,745	4,730	4,751	4,750	4,732	4,717	4,698
UEC	Ex	Prim_Metal_old	Drying	1,827	1,825	1,819	1,827	1,827	1,820	1,814	1,807
UEC	Ex	Prim_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Prim_Metal_old	Fire_Tube_Boiler	12,495	12,478	12,437	12,493	12,491	12,444	12,403	12,353
UEC	Ex	Prim_Metal_old	Furnace_Oven_Kiln	997,514	996,183	992,917	997,414	997,250	993,493	990,205	986,183
UEC	Ex	Prim_Metal_old	Other	1,938	1,936	1,929	1,938	1,938	1,931	1,924	1,916
UEC	Ex	Prim_Metal_old	Space_Heat	3,959	3,954	3,941	3,959	3,958	3,943	3,930	3,914
UEC	Ex	Prim_Metal_old	Water_Heat	935	934	931	935	935	931	928	924
UEC	Ex	Prim_Metal_old	Water_Tube_Boiler	39,476	39,423	39,294	39,472	39,466	39,317	39,187	39,028
UEC	Ex	Textile_new	AC	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Drying	9,163	9,161	9,157	9,163	9,163	9,158	9,154	9,148
UEC	Ex	Textile_new	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Fire_Tube_Boiler	3,434	3,433	3,432	3,434	3,434	3,432	3,430	3,428
UEC	Ex	Textile_new	Furnace_Oven_Kiln	2,571	2,570	2,569	2,571	2,571	2,569	2,568	2,567
UEC	Ex	Textile_new	Other	0	0	0	0	0	0	0	0
UEC	Ex	Textile_new	Space_Heat	50	50	50	50	50	50	50	50
UEC	Ex	Textile_new	Water_Heat	102	102	102	102	102	102	102	102
UEC	Ex	Textile_new	Water_Tube_Boiler	892	892	892	892	892	892	891	891
UEC	Ex	Textile_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Drying	9,163	9,161	9,157	9,163	9,163	9,158	9,154	9,148
UEC	Ex	Textile_old	Engine	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Fire_Tube_Boiler	3,434	3,433	3,432	3,434	3,434	3,432	3,430	3,428
UEC	Ex	Textile_old	Furnace_Oven_Kiln	2,571	2,570	2,569	2,571	2,571	2,569	2,568	2,567
UEC	Ex	Textile_old	Other	0	0	0	0	0	0	0	0
UEC	Ex	Textile_old	Space_Heat	50	50	50	50	50	50	50	50
UEC	Ex	Textile_old	Water_Heat	102	102	102	102	102	102	102	102
UEC	Ex	Textile_old	Water_Tube_Boiler	892	892	892	892	892	892	891	891
UEC	Ex	Transport_new	AC	0	0	0	0	0	0	0	0

UEC	Ex	Transport_new	Drying	382,327	381,892	380,825	382,295	382,242	381,014	379,939	378,623
UEC	Ex	Transport_new	Engine	12,094	12,081	12,047	12,093	12,092	12,053	12,019	11,977
UEC	Ex	Transport_new	Fire_Tube_Boiler	127,557	127,411	127,055	127,546	127,528	127,119	126,760	126,321
UEC	Ex	Transport_new	Furnace_Oven_Kiln	655,325	654,579	652,750	655,270	655,178	653,074	651,231	648,976
UEC	Ex	Transport_new	Other	33	33	33	33	33	33	33	33
UEC	Ex	Transport_new	Space_Heat	51,050	50,992	50,849	51,046	51,039	50,875	50,731	50,555
UEC	Ex	Transport_new	Water_Heat	15,178	15,161	15,118	15,177	15,175	15,126	15,083	15,031
UEC	Ex	Transport_new	Water_Tube_Boiler	74,314	74,229	74,022	74,308	74,297	74,059	73,850	73,594
UEC	Ex	Transport_old	AC	0	0	0	0	0	0	0	0
UEC	Ex	Transport_old	Drying	382,327	381,892	380,825	382,295	382,242	381,014	379,939	378,623
UEC	Ex	Transport_old	Engine	12,094	12,081	12,047	12,093	12,092	12,053	12,019	11,977
UEC	Ex	Transport_old	Fire_Tube_Boiler	127,557	127,411	127,055	127,546	127,528	127,119	126,760	126,321
UEC	Ex	Transport_old	Furnace_Oven_Kiln	655,325	654,579	652,750	655,270	655,178	653,074	651,231	648,976
UEC	Ex	Transport_old	Other	33	33	33	33	33	33	33	33
UEC	Ex	Transport_old	Space_Heat	51,050	50,992	50,849	51,046	51,039	50,875	50,731	50,555
UEC	Ex	Transport_old	Water_Heat	15,178	15,161	15,118	15,177	15,175	15,126	15,083	15,031
UEC	Ex	Transport_old	Water_Tube_Boiler	74,314	74,229	74,022	74,308	74,297	74,059	73,850	73,594
UEC	New	Chemical_new	AC	0	0	0	0	0	0	0	0
UEC	New	Chemical_new	Drying	12,945	12,943	12,936	12,945	12,945	12,937	12,931	12,923
UEC	New	Chemical_new	Engine	362	362	362	362	362	362	361	361
UEC	New	Chemical_new	Fire_Tube_Boiler	573,289	573,174	572,891	573,282	573,267	572,942	572,657	572,306
UEC	New	Chemical_new	Furnace_Oven_Kiln	290,866	290,807	290,664	290,862	290,855	290,690	290,545	290,367
UEC	New	Chemical_new	Other	119	119	119	119	119	119	118	118
UEC	New	Chemical_new	Space_Heat	17,016	17,012	17,004	17,016	17,015	17,005	16,997	16,987
UEC	New	Chemical_new	Water_Heat	13,337	13,335	13,328	13,337	13,337	13,329	13,323	13,314
UEC	New	Chemical_new	Water_Tube_Boiler	322,545	322,481	322,322	322,541	322,533	322,350	322,190	321,993
UEC	New	Chemical_old	AC	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Other	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Chemical_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	AC	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	Drying	9,664	9,658	9,645	9,663	9,663	9,647	9,634	9,617
UEC	New	Fab_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_new	Fire_Tube_Boiler	101,484	101,427	101,287	101,480	101,473	101,312	101,171	100,998
UEC	New	Fab_Metal_new	Furnace_Oven_Kiln	349,419	349,223	348,741	349,406	349,382	348,828	348,342	347,747
UEC	New	Fab_Metal_new	Other	111	111	111	111	111	111	111	110
UEC	New	Fab_Metal_new	Space_Heat	9,272	9,267	9,254	9,271	9,271	9,256	9,243	9,227
UEC	New	Fab_Metal_new	Water_Heat	2,032	2,031	2,028	2,032	2,032	2,028	2,025	2,022
UEC	New	Fab_Metal_new	Water_Tube_Boiler	99,064	99,008	98,872	99,060	99,053	98,896	98,759	98,590
UEC	New	Fab_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Other	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Fab_Metal_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Food_new	AC	2,130	2,129	2,128	2,130	2,130	2,128	2,127	2,125
UEC	New	Food_new	Drying	91,190	91,167	91,111	91,188	91,185	91,121	91,065	90,996
UEC	New	Food_new	Engine	99,887	99,862	99,801	99,885	99,882	99,812	99,750	99,675
UEC	New	Food_new	Fire_Tube_Boiler	85,142	85,120	85,068	85,140	85,138	85,078	85,025	84,961
UEC	New	Food_new	Furnace_Oven_Kiln	67,049	67,032	66,991	67,048	67,046	66,998	66,957	66,906
UEC	New	Food_new	Other	295	295	294	295	295	294	294	294
UEC	New	Food_new	Space_Heat	6,690	6,689	6,685	6,690	6,690	6,685	6,681	6,676
UEC	New	Food_new	Water_Heat	1,915	1,915	1,913	1,915	1,915	1,914	1,912	1,911
UEC	New	Food_new	Water_Tube_Boiler	20,159	20,154	20,142	20,159	20,158	20,144	20,132	20,117
UEC	New	Food_old	AC	0	0	0	0	0	0	0	0
UEC	New	Food_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Food_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Food_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Food_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Food_old	Other	0	0	0	0	0	0	0	0

UEC	New	Food_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Food_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Food_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Misc_new	AC	5,330	5,327	5,320	5,330	5,330	5,322	5,314	5,306
UEC	New	Misc_new	Drying	141,539	141,462	141,273	141,533	141,524	141,307	141,116	140,883
UEC	New	Misc_new	Engine	32,947	32,929	32,885	32,945	32,943	32,893	32,848	32,794
UEC	New	Misc_new	Fire_Tube_Boiler	117,502	117,438	117,281	117,498	117,490	117,310	117,152	116,958
UEC	New	Misc_new	Furnace_Oven_Kiln	717,952	717,562	716,604	717,926	717,878	716,776	715,810	714,627
UEC	New	Misc_new	Other	81	81	81	81	81	81	81	81
UEC	New	Misc_new	Space_Heat	15,223	15,215	15,195	15,223	15,222	15,199	15,178	15,153
UEC	New	Misc_new	Water_Heat	4,470	4,468	4,462	4,470	4,469	4,463	4,457	4,449
UEC	New	Misc_new	Water_Tube_Boiler	78,994	78,952	78,846	78,992	78,986	78,865	78,759	78,629
UEC	New	Misc_old	AC	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Other	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Misc_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	AC	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	Drying	33,776	33,735	33,637	33,773	33,768	33,654	33,555	33,433
UEC	New	Petroleum_new	Engine	248	248	247	248	248	247	247	246
UEC	New	Petroleum_new	Fire_Tube_Boiler	3,749	3,745	3,734	3,749	3,749	3,736	3,725	3,711
UEC	New	Petroleum_new	Furnace_Oven_Kiln	150	149	149	150	150	149	149	148
UEC	New	Petroleum_new	Other	0	0	0	0	0	0	0	0
UEC	New	Petroleum_new	Space_Heat	39	39	38	39	39	38	38	38
UEC	New	Petroleum_new	Water_Heat	52	52	52	52	52	52	52	52
UEC	New	Petroleum_new	Water_Tube_Boiler	945	944	942	945	945	942	939	936
UEC	New	Petroleum_old	AC	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Other	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Petroleum_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_new	AC	4,751	4,745	4,730	4,751	4,750	4,732	4,717	4,698
UEC	New	Prim_Metal_new	Drying	1,827	1,825	1,819	1,827	1,827	1,820	1,814	1,807
UEC	New	Prim_Metal_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_new	Fire_Tube_Boiler	12,495	12,478	12,437	12,493	12,491	12,444	12,403	12,353
UEC	New	Prim_Metal_new	Furnace_Oven_Kiln	997,514	996,183	992,917	997,414	997,250	993,494	990,205	986,183
UEC	New	Prim_Metal_new	Other	1,938	1,936	1,929	1,938	1,938	1,931	1,924	1,916
UEC	New	Prim_Metal_new	Space_Heat	3,959	3,954	3,941	3,959	3,958	3,943	3,930	3,914
UEC	New	Prim_Metal_new	Water_Heat	935	934	931	935	935	931	928	924
UEC	New	Prim_Metal_new	Water_Tube_Boiler	39,476	39,423	39,294	39,472	39,466	39,317	39,187	39,028
UEC	New	Prim_Metal_old	AC	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Other	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Prim_Metal_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Textile_new	AC	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Drying	9,163	9,161	9,157	9,163	9,163	9,158	9,154	9,148
UEC	New	Textile_new	Engine	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Fire_Tube_Boiler	3,434	3,433	3,432	3,434	3,434	3,432	3,430	3,428
UEC	New	Textile_new	Furnace_Oven_Kiln	2,571	2,570	2,569	2,571	2,571	2,569	2,568	2,567
UEC	New	Textile_new	Other	0	0	0	0	0	0	0	0
UEC	New	Textile_new	Space_Heat	50	50	50	50	50	50	50	50
UEC	New	Textile_new	Water_Heat	102	102	102	102	102	102	102	102
UEC	New	Textile_new	Water_Tube_Boiler	892	892	892	892	892	892	891	891
UEC	New	Textile_old	AC	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Drying	0	0	0	0	0	0	0	0

UEC	New	Textile_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Other	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Textile_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Transport_new	AC	0	0	0	0	0	0	0	0
UEC	New	Transport_new	Drying	382,327	381,892	380,825	382,295	382,242	381,014	379,939	378,623
UEC	New	Transport_new	Engine	12,094	12,081	12,047	12,093	12,092	12,053	12,019	11,977
UEC	New	Transport_new	Fire_Tube_Boiler	127,557	127,411	127,055	127,546	127,528	127,119	126,760	126,321
UEC	New	Transport_new	Furnace_Oven_Kiln	655,325	654,579	652,750	655,270	655,178	653,074	651,231	648,976
UEC	New	Transport_new	Other	33	33	33	33	33	33	33	33
UEC	New	Transport_new	Space_Heat	51,050	50,992	50,849	51,046	51,039	50,875	50,731	50,555
UEC	New	Transport_new	Water_Heat	15,178	15,161	15,118	15,177	15,175	15,126	15,083	15,031
UEC	New	Transport_new	Water_Tube_Boiler	74,314	74,229	74,022	74,308	74,297	74,059	73,850	73,594
UEC	New	Transport_old	AC	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Drying	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Engine	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Fire_Tube_Boiler	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Furnace_Oven_Kiln	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Other	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Space_Heat	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Water_Heat	0	0	0	0	0	0	0	0
UEC	New	Transport_old	Water_Tube_Boiler	0	0	0	0	0	0	0	0

San Diego Gas and Electric Company
Core Industrial G-10
Real Gas Rate Forecasts (\$/therm)
Table CoreInd-12

Year		Real Rate
2025	\$	1.49
2026	\$	1.42
2027	\$	1.47
2028	\$	1.49
2029	\$	1.51
2030	\$	1.53
2031	\$	1.57
2032	\$	1.60
2033	\$	1.61
2034	\$	1.62
2035	\$	1.63
2036	\$	1.61
2037	\$	1.61
2038	\$	1.63
2039	\$	1.64
2040	\$	1.66

NONCORE COMMERCIAL, INDUSTRIAL, AND SMALL COGEN DEMAND

SDG&E Noncore Commercial Gas Demand Base Model

Base econometric forecast model results.

SUMMARY OUTPUT					
<i>Regression Statistics</i>					
Multiple R	0.779202473				
R Square	0.607156494				
Adjusted R Square	0.568150756				
Standard Error	25.2673623				
Observations	156				
ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	14	139129.7466	9937.839046	15.56582499	2.97607E-22
Residual	141	90019.98327	638.4395976		
Total	155	229149.7299			
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	
Intercept	-24.89199	38.00517	-0.65496	0.51356	
Employ_Com	0.14166	0.03029	4.67699	0.00001	
Cl_Gas	-0.71715	0.73516	-0.97550	0.33098	
HDD	0.30492	0.05264	5.79261	0.00000	
Month_1	6.83091	10.20832	0.66915	0.50449	
Month_2	-8.99692	10.02474	-0.89747	0.37100	
Month_3	16.42621	10.31419	1.59258	0.11349	
Month_4	23.26689	11.88083	1.95836	0.05216	
Month_5	21.59342	13.25238	1.62940	0.10546	
Month_6	18.09396	14.82665	1.22037	0.22436	
Month_7	3.29012	15.03547	0.21882	0.82710	
Month_8	14.47849	15.12302	0.95738	0.34001	
Month_9	12.56146	15.04197	0.83509	0.40508	
Month_10	35.76802	14.56934	2.45502	0.01530	
Month_11	16.02472	11.81685	1.35609	0.17724	

SDG&E Noncore Industrial Gas Demand Base Model

Base econometric forecast model results.

SUMMARY OUTPUT					
<i>Regression Statistics</i>					
Multiple R	0.523227378				
R Square	0.273766889				
Adjusted R Square	0.207280759				
Standard Error	34.55583343				
Observations	156				
ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	13	63919.88188	4916.913991	4.11765416	9.21746E-06
Residual	142	169562.9986	1194.105624		
Total	155	233482.8805			
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	
Intercept	-136.03261	60.06414	-2.26479	0.02504	
Employ_Ind	2.76158	0.55774	4.95134	0.00000	
HDD	0.09988	0.06821	1.46421	0.14535	
Month_1	30.64499	13.75682	2.22762	0.02748	
Month_2	5.77436	13.65907	0.42275	0.67312	
Month_3	39.43532	14.07784	2.80123	0.00580	
Month_4	53.48950	16.14920	3.31221	0.00117	
Month_5	46.23326	17.92448	2.57934	0.01092	
Month_6	43.88408	19.90856	2.20428	0.02911	
Month_7	23.64817	20.29408	1.16527	0.24586	
Month_8	52.79672	20.31274	2.59919	0.01033	
Month_9	30.16952	20.24258	1.49040	0.13834	
Month_10	39.77167	19.69538	2.01934	0.04533	
Month_11	22.26503	16.01521	1.39024	0.16663	

SDG&E Noncore Small Cogen Gas Demand Base Model

Base econometric forecast model results.

SUMMARY OUTPUT					
<i>Regression Statistics</i>					
Multiple R	0.854177439				
R Square	0.729619097				
Adjusted R Square	0.639492129				
Standard Error	586.3504557				
Observations	13				
ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	3	8349822.072	2783274	8.095458	0.006342098
Residual	9	3094261.712	343806.9		
Total	12	11444083.78			
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	
Intercept	2086.258074	3820.113482	0.546125	0.598255	
Employ_Ind	53.54714848	38.06129769	1.406866	0.193048	
EG_1_Gas_Price	-96.37022085	105.3760101	-0.91454	0.384282	
Dummy_2018	2620.284568	650.3519446	4.029025	0.002977	

SDG&E Noncore After-Model Adjustment (Annual, Unit: Mdt)

	Regression Result			Accum. EE/DSM		AAFS		Final Forecast		
Year	Sm. Cogen	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Sm. Cogen	Commercial	Industrial
2013	6,872.2	2,193.0	2,161.8	0	0	0	0	6,872.2	2,193.0	2,161.8
2014	6,616.3	1,911.9	2,088.3	0	0	0	0	6,616.3	1,911.9	2,088.3
2015	6,526.5	2,065.8	2,288.6	0	0	0	0	6,526.5	2,065.8	2,288.6
2016	7,459.9	2,154.6	2,335.6	0	0	0	0	7,459.9	2,154.6	2,335.6
2017	8,829.4	2,010.0	2,361.3	0	0	0	0	8,829.4	2,010.0	2,361.3
2018	10,129.5	2,015.9	2,476.4	0	0	0	0	10,129.5	2,015.9	2,476.4
2019	7,234.1	2,327.7	2,438.4	0	0	0	0	7,234.1	2,327.7	2,438.4
2020	7,433.1	2,319.3	2,522.1	0	0	0	0	7,433.1	2,319.3	2,522.1
2021	7,346.5	2,422.5	2,619.6	0	0	0	0	7,346.5	2,422.5	2,619.6
2022	7,427.7	2,510.1	2,935.9	0	0	0	0	7,427.7	2,510.1	2,935.9
2023	7,190.2	2,365.0	2,705.6	0	0	0	0	7,190.2	2,365.0	2,705.6
2024	7,047.1	2,712.8	3,173.1	0	0	0	0	7,047.1	2,712.8	3,173.1
2025	7,006.1	2,793.1	2,962.3	0	0	0	0	7,006.1	2,793.1	2,962.3
2026	7,152.4	2,484.4	2,474.1	-11.5	-5.3	0.0	0	7,152.4	2,473.0	2,468.8
2027	7,070.2	2,480.1	2,458.9	-23.9	-10.5	0.0	0	7,070.2	2,456.2	2,448.3
2028	6,995.3	2,479.8	2,430.5	-36.4	-15.9	0.0	0	6,995.3	2,443.4	2,414.7
2029	6,902.2	2,483.7	2,388.5	-49.5	-21.2	0.0	0	6,902.2	2,434.2	2,367.3
2030	6,842.7	2,489.7	2,365.3	-62.0	-26.6	0.0	0	6,842.7	2,427.8	2,338.7
2031	6,753.3	2,488.8	2,335.1	-76.3	-32.0	0.0	0	6,753.3	2,412.5	2,303.1
2032	6,671.0	2,489.6	2,304.6	-91.0	-37.3	0.0	0	6,671.0	2,398.7	2,267.2
2033	6,587.6	2,492.5	2,263.6	-105.1	-42.7	0.0	0	6,587.6	2,387.5	2,220.9
2034	6,496.8	2,495.5	2,214.1	-119.4	-48.1	0.0	0	6,496.8	2,376.1	2,165.9
2035	6,415.8	2,500.1	2,175.2	-133.9	-53.5	0.0	0	6,415.8	2,366.2	2,121.6
2036	6,420.9	2,508.8	2,169.9	-136.9	-53.7	0.0	0	6,420.9	2,372.0	2,116.2
2037	6,451.3	2,517.1	2,192.5	-138.9	-53.9	0.0	0	6,451.3	2,378.2	2,138.6
2038	6,466.0	2,526.2	2,213.8	-141.3	-54.0	0.0	0	6,466.0	2,384.9	2,159.9
2039	6,475.6	2,534.7	2,230.9	-143.6	-54.1	0.0	0	6,475.6	2,391.1	2,176.8
2040	6,484.0	2,544.6	2,249.2	-147.0	-54.2	0.0	0	6,484.0	2,397.7	2,195.1

SDG&E Noncore Commercial Gas Demand Monthly Demand (Mdth)

Year	Month	Average Year Demand	1-in-35 Cold Year Demand	1-in 35 Hot Year Demand
2025	Jan-25	257.2	272.4	242.0
2025	Feb-25	238.5	251.4	225.7
2025	Mar-25	245.0	255.5	234.6
2025	Apr-25	223.7	229.5	217.9
2025	May-25	230.3	233.1	227.5
2025	Jun-25	207.4	208.0	206.9
2025	Jul-25	212.3	212.4	212.1
2025	Aug-25	202.6	202.7	202.5
2025	Sep-25	216.5	216.7	216.2
2025	Oct-25	244.7	246.0	243.3
2025	Nov-25	241.7	248.8	234.7
2025	Dec-25	280.9	296.7	265.1
2026	Jan-26	243.3	259.6	227.0
2026	Feb-26	219.0	232.9	205.0
2026	Mar-26	234.2	245.9	222.4
2026	Apr-26	216.4	223.3	209.5
2026	May-26	198.9	202.2	195.6
2026	Jun-26	184.0	184.5	183.4
2026	Jul-26	164.8	164.9	164.8
2026	Aug-26	176.2	176.2	176.2
2026	Sep-26	175.1	175.2	175.1
2026	Oct-26	206.1	207.2	204.9
2026	Nov-26	214.2	221.1	207.3
2026	Dec-26	240.8	257.1	224.6
2027	Jan-27	240.2	256.5	223.9
2027	Feb-27	215.6	229.6	201.6
2027	Mar-27	232.2	244.0	220.4
2027	Apr-27	214.7	221.6	207.8
2027	May-27	197.6	200.9	194.3
2027	Jun-27	182.6	183.1	182.0
2027	Jul-27	163.9	163.9	163.8
2027	Aug-27	175.5	175.5	175.5
2027	Sep-27	174.6	174.7	174.6
2027	Oct-27	205.6	206.8	204.5
2027	Nov-27	213.9	220.8	207.0
2027	Dec-27	239.8	256.0	223.6
2028	Jan-28	239.6	255.9	223.3
2028	Feb-28	214.7	228.6	200.7
2028	Mar-28	230.5	242.3	218.8
2028	Apr-28	213.5	220.4	206.6
2028	May-28	196.9	200.1	193.6
2028	Jun-28	182.0	182.5	181.4

2028	Jul-28	163.3	163.3	163.3
2028	Aug-28	174.7	174.7	174.7
2028	Sep-28	173.7	173.8	173.7
2028	Oct-28	204.3	205.5	203.1
2028	Nov-28	212.2	219.1	205.3
2028	Dec-28	238.1	254.3	221.9
2029	Jan-29	238.2	254.5	221.9
2029	Feb-29	214.2	228.2	200.3
2029	Mar-29	229.8	241.6	218.0
2029	Apr-29	212.4	219.3	205.5
2029	May-29	195.9	199.2	192.6
2029	Jun-29	181.3	181.9	180.8
2029	Jul-29	162.7	162.7	162.6
2029	Aug-29	174.2	174.2	174.1
2029	Sep-29	173.2	173.3	173.2
2029	Oct-29	203.7	204.9	202.5
2029	Nov-29	211.4	218.3	204.5
2029	Dec-29	237.1	253.4	220.9
2030	Jan-30	236.8	253.1	220.5
2030	Feb-30	212.8	226.7	198.8
2030	Mar-30	228.9	240.7	217.1
2030	Apr-30	212.2	219.1	205.3
2030	May-30	195.6	198.9	192.3
2030	Jun-30	181.2	181.7	180.6
2030	Jul-30	162.7	162.7	162.6
2030	Aug-30	174.1	174.1	174.1
2030	Sep-30	173.0	173.1	173.0
2030	Oct-30	203.4	204.5	202.2
2030	Nov-30	211.0	217.9	204.1
2030	Dec-30	236.1	252.4	219.9
2031	Jan-31	235.5	251.8	219.2
2031	Feb-31	211.6	225.6	197.6
2031	Mar-31	227.3	239.0	215.5
2031	Apr-31	210.7	217.5	203.8
2031	May-31	194.2	197.5	190.9
2031	Jun-31	179.9	180.5	179.4
2031	Jul-31	161.7	161.7	161.7
2031	Aug-31	173.2	173.2	173.2
2031	Sep-31	172.2	172.2	172.1
2031	Oct-31	202.2	203.3	201.0
2031	Nov-31	209.5	216.4	202.6
2031	Dec-31	234.6	250.8	218.3
2032	Jan-32	233.9	250.2	217.6
2032	Feb-32	210.2	224.2	196.3
2032	Mar-32	225.9	237.7	214.1
2032	Apr-32	209.4	216.3	202.5

2032	May-32	193.0	196.3	189.7
2032	Jun-32	178.9	179.4	178.3
2032	Jul-32	160.9	161.0	160.9
2032	Aug-32	172.4	172.4	172.4
2032	Sep-32	171.4	171.5	171.4
2032	Oct-32	201.2	202.4	200.0
2032	Nov-32	208.3	215.2	201.4
2032	Dec-32	233.1	249.3	216.9
2033	Jan-33	232.7	249.0	216.4
2033	Feb-33	209.2	223.2	195.3
2033	Mar-33	224.7	236.5	213.0
2033	Apr-33	208.4	215.3	201.5
2033	May-33	192.2	195.5	188.9
2033	Jun-33	178.1	178.7	177.6
2033	Jul-33	160.3	160.3	160.3
2033	Aug-33	171.7	171.7	171.6
2033	Sep-33	170.7	170.8	170.7
2033	Oct-33	200.3	201.5	199.1
2033	Nov-33	207.3	214.2	200.4
2033	Dec-33	231.8	248.1	215.6
2034	Jan-34	231.4	247.7	215.1
2034	Feb-34	208.1	222.0	194.1
2034	Mar-34	223.5	235.3	211.8
2034	Apr-34	207.3	214.2	200.4
2034	May-34	191.3	194.6	188.0
2034	Jun-34	177.4	178.0	176.9
2034	Jul-34	159.7	159.7	159.7
2034	Aug-34	171.0	171.0	171.0
2034	Sep-34	170.1	170.1	170.0
2034	Oct-34	199.5	200.6	198.3
2034	Nov-34	206.3	213.2	199.4
2034	Dec-34	230.6	246.8	214.4
2035	Jan-35	230.1	246.4	213.8
2035	Feb-35	207.0	220.9	193.0
2035	Mar-35	222.3	234.1	210.5
2035	Apr-35	206.4	213.3	199.5
2035	May-35	190.5	193.8	187.3
2035	Jun-35	176.8	177.4	176.3
2035	Jul-35	159.2	159.3	159.2
2035	Aug-35	170.5	170.5	170.5
2035	Sep-35	169.5	169.6	169.5
2035	Oct-35	198.8	199.9	197.6
2035	Nov-35	205.6	212.5	198.7
2035	Dec-35	229.5	245.8	213.3
2036	Jan-36	230.3	246.6	214.0
2036	Feb-36	207.2	221.2	193.3

2036	Mar-36	222.8	234.6	211.1
2036	Apr-36	206.8	213.7	199.9
2036	May-36	191.1	194.4	187.8
2036	Jun-36	177.4	178.0	176.9
2036	Jul-36	159.9	159.9	159.9
2036	Aug-36	171.2	171.2	171.2
2036	Sep-36	170.1	170.2	170.1
2036	Oct-36	199.3	200.5	198.2
2036	Nov-36	206.0	212.9	199.1
2036	Dec-36	229.7	246.0	213.5
2037	Jan-37	230.5	246.8	214.2
2037	Feb-37	207.5	221.5	193.5
2037	Mar-37	223.2	234.9	211.4
2037	Apr-37	207.3	214.2	200.4
2037	May-37	191.7	195.0	188.4
2037	Jun-37	178.1	178.6	177.5
2037	Jul-37	160.6	160.6	160.5
2037	Aug-37	171.8	171.8	171.8
2037	Sep-37	170.8	170.9	170.8
2037	Oct-37	200.0	201.2	198.8
2037	Nov-37	206.6	213.5	199.7
2037	Dec-37	230.1	246.3	213.9
2038	Jan-38	230.9	247.2	214.6
2038	Feb-38	207.9	221.9	194.0
2038	Mar-38	223.5	235.3	211.7
2038	Apr-38	207.7	214.6	200.8
2038	May-38	192.2	195.5	189.0
2038	Jun-38	178.7	179.3	178.2
2038	Jul-38	161.2	161.3	161.2
2038	Aug-38	172.5	172.5	172.5
2038	Sep-38	171.6	171.6	171.5
2038	Oct-38	200.8	201.9	199.6
2038	Nov-38	207.2	214.1	200.3
2038	Dec-38	230.6	246.8	214.3
2039	Jan-39	231.3	247.6	215.0
2039	Feb-39	208.5	222.4	194.5
2039	Mar-39	224.0	235.8	212.3
2039	Apr-39	208.2	215.1	201.4
2039	May-39	192.8	196.1	189.5
2039	Jun-39	179.4	179.9	178.8
2039	Jul-39	161.9	161.9	161.8
2039	Aug-39	173.1	173.1	173.1
2039	Sep-39	172.2	172.3	172.1
2039	Oct-39	201.3	202.5	200.2
2039	Nov-39	207.6	214.5	200.7
2039	Dec-39	230.8	247.0	214.5

2040	Jan-40	231.3	247.6	215.0
2040	Feb-40	208.6	222.5	194.6
2040	Mar-40	224.3	236.0	212.5
2040	Apr-40	208.8	215.7	201.9
2040	May-40	193.6	196.9	190.3
2040	Jun-40	180.3	180.9	179.8
2040	Jul-40	162.8	162.8	162.7
2040	Aug-40	173.9	173.9	173.9
2040	Sep-40	172.9	173.0	172.9
2040	Oct-40	202.0	203.2	200.9
2040	Nov-40	208.1	215.0	201.3
2040	Dec-40	231.0	247.2	214.8

SDG&E Noncore Industrial Gas Demand Monthly Demand (Mdtth)

Year	Month	Final Demand
2025	Jan-25	260.0
2025	Feb-25	235.9
2025	Mar-25	234.2
2025	Apr-25	259.8
2025	May-25	291.2
2025	Jun-25	217.1
2025	Jul-25	298.8
2025	Aug-25	264.2
2025	Sep-25	222.9
2025	Oct-25	242.9
2025	Nov-25	216.4
2025	Dec-25	218.8
2026	Jan-26	215.0
2026	Feb-26	189.0
2026	Mar-26	219.4
2026	Apr-26	224.4
2026	May-26	213.5
2026	Jun-26	209.6
2026	Jul-26	190.3
2026	Aug-26	219.1
2026	Sep-26	194.8
2026	Oct-26	207.1
2026	Nov-26	197.4
2026	Dec-26	189.2
2027	Jan-27	213.2
2027	Feb-27	186.9
2027	Mar-27	217.0
2027	Apr-27	222.0
2027	May-27	211.0
2027	Jun-27	207.1
2027	Jul-27	188.3
2027	Aug-27	217.4
2027	Sep-27	193.7
2027	Oct-27	206.2
2027	Nov-27	196.8
2027	Dec-27	188.7
2028	Jan-28	212.4
2028	Feb-28	186.1
2028	Mar-28	215.9

2028	Apr-28	220.4
2028	May-28	209.0
2028	Jun-28	204.7
2028	Jul-28	185.4
2028	Aug-28	213.9
2028	Sep-28	189.7
2028	Oct-28	201.8
2028	Nov-28	191.9
2028	Dec-28	183.4
2029	Jan-29	207.2
2029	Feb-29	180.9
2029	Mar-29	210.8
2029	Apr-29	215.7
2029	May-29	204.6
2029	Jun-29	200.5
2029	Jul-29	181.6
2029	Aug-29	210.4
2029	Sep-29	186.6
2029	Oct-29	198.9
2029	Nov-29	189.3
2029	Dec-29	180.9
2030	Jan-30	204.8
2030	Feb-30	178.6
2030	Mar-30	208.5
2030	Apr-30	213.4
2030	May-30	202.3
2030	Jun-30	198.2
2030	Jul-30	179.3
2030	Aug-30	208.0
2030	Sep-30	184.3
2030	Oct-30	196.4
2030	Nov-30	186.7
2030	Dec-30	178.2
2031	Jan-31	202.0
2031	Feb-31	175.9
2031	Mar-31	205.6
2031	Apr-31	210.5
2031	May-31	199.4
2031	Jun-31	195.3
2031	Jul-31	176.4

2031	Aug-31	205.0
2031	Sep-31	181.2
2031	Oct-31	193.3
2031	Nov-31	183.5
2031	Dec-31	175.0
2032	Jan-32	198.8
2032	Feb-32	172.8
2032	Mar-32	202.5
2032	Apr-32	207.4
2032	May-32	196.5
2032	Jun-32	192.4
2032	Jul-32	173.5
2032	Aug-32	202.0
2032	Sep-32	178.4
2032	Oct-32	190.3
2032	Nov-32	180.5
2032	Dec-32	171.9
2033	Jan-33	195.6
2033	Feb-33	169.5
2033	Mar-33	199.1
2033	Apr-33	203.9
2033	May-33	192.8
2033	Jun-33	188.6
2033	Jul-33	169.6
2033	Aug-33	197.9
2033	Sep-33	174.2
2033	Oct-33	186.0
2033	Nov-33	176.1
2033	Dec-33	167.4
2034	Jan-34	191.0
2034	Feb-34	165.0
2034	Mar-34	194.4
2034	Apr-34	199.3
2034	May-34	188.3
2034	Jun-34	184.1
2034	Jul-34	165.1
2034	Aug-34	193.3
2034	Sep-34	169.7
2034	Oct-34	181.4
2034	Nov-34	171.6
2034	Dec-34	162.8

2035	Jan-35	186.6
2035	Feb-35	160.7
2035	Mar-35	190.2
2035	Apr-35	195.3
2035	May-35	184.4
2035	Jun-35	180.3
2035	Jul-35	161.5
2035	Aug-35	189.8
2035	Sep-35	166.4
2035	Oct-35	178.2
2035	Nov-35	168.5
2035	Dec-35	159.8
2036	Jan-36	184.3
2036	Feb-36	158.7
2036	Mar-36	188.6
2036	Apr-36	193.9
2036	May-36	183.4
2036	Jun-36	179.7
2036	Jul-36	161.2
2036	Aug-36	189.8
2036	Sep-36	166.8
2036	Oct-36	179.0
2036	Nov-36	169.5
2036	Dec-36	161.2
2037	Jan-37	185.9
2037	Feb-37	160.5
2037	Mar-37	190.4
2037	Apr-37	195.9
2037	May-37	185.4
2037	Jun-37	181.7
2037	Jul-37	163.3
2037	Aug-37	191.9
2037	Sep-37	168.7
2037	Oct-37	180.9
2037	Nov-37	171.3
2037	Dec-37	162.8
2038	Jan-38	187.5
2038	Feb-38	162.1
2038	Mar-38	192.2
2038	Apr-38	197.6
2038	May-38	187.2

2038	Jun-38	183.6
2038	Jul-38	165.1
2038	Aug-38	193.7
2038	Sep-38	170.6
2038	Oct-38	182.7
2038	Nov-38	173.0
2038	Dec-38	164.4
2039	Jan-39	189.0
2039	Feb-39	163.6
2039	Mar-39	193.6
2039	Apr-39	199.0
2039	May-39	188.6
2039	Jun-39	185.0
2039	Jul-39	166.5
2039	Aug-39	195.1
2039	Sep-39	172.0
2039	Oct-39	184.1

2039	Nov-39	174.4
2039	Dec-39	165.7
2040	Jan-40	190.3
2040	Feb-40	165.0
2040	Mar-40	195.0
2040	Apr-40	200.4
2040	May-40	190.0
2040	Jun-40	186.3
2040	Jul-40	168.1
2040	Aug-40	196.9
2040	Sep-40	174.0
2040	Oct-40	185.9
2040	Nov-40	176.0
2040	Dec-40	167.1

SDG&E Noncore Small Cogen Gas Demand Monthly Demand (Mdth)

Year	Month	Sm Cogen
2025	Jan-25	549.4
2025	Feb-25	519.9
2025	Mar-25	562.5
2025	Apr-25	569.6
2025	May-25	618.0
2025	Jun-25	595.9
2025	Jul-25	623.9
2025	Aug-25	622.5
2025	Sep-25	594.3
2025	Oct-25	623.8
2025	Nov-25	568.9
2025	Dec-25	557.3
2026	Jan-26	596.8
2026	Feb-26	571.3
2026	Mar-26	614.5
2026	Apr-26	595.0
2026	May-26	616.4
2026	Jun-26	590.5
2026	Jul-26	629.0
2026	Aug-26	633.4
2026	Sep-26	587.2
2026	Oct-26	595.2
2026	Nov-26	578.6
2026	Dec-26	544.5
2027	Jan-27	589.9
2027	Feb-27	564.7
2027	Mar-27	607.4
2027	Apr-27	588.2
2027	May-27	609.3
2027	Jun-27	583.7
2027	Jul-27	621.7
2027	Aug-27	626.2
2027	Sep-27	580.4
2027	Oct-27	588.4
2027	Nov-27	571.9
2027	Dec-27	538.3
2028	Jan-28	583.7
2028	Feb-28	558.7
2028	Mar-28	601.0
2028	Apr-28	582.0
2028	May-28	602.9
2028	Jun-28	577.5
2028	Jul-28	615.1
2028	Aug-28	619.5
2028	Sep-28	574.3

2028	Oct-28	582.1
2028	Nov-28	565.9
2028	Dec-28	532.6
2029	Jan-29	575.9
2029	Feb-29	551.3
2029	Mar-29	593.0
2029	Apr-29	574.2
2029	May-29	594.9
2029	Jun-29	569.8
2029	Jul-29	607.0
2029	Aug-29	611.3
2029	Sep-29	566.7
2029	Oct-29	574.4
2029	Nov-29	558.3
2029	Dec-29	525.5
2030	Jan-30	570.9
2030	Feb-30	546.5
2030	Mar-30	587.9
2030	Apr-30	569.3
2030	May-30	589.7
2030	Jun-30	564.9
2030	Jul-30	601.7
2030	Aug-30	606.0
2030	Sep-30	561.8
2030	Oct-30	569.4
2030	Nov-30	553.5
2030	Dec-30	521.0
2031	Jan-31	563.5
2031	Feb-31	539.4
2031	Mar-31	580.2
2031	Apr-31	561.8
2031	May-31	582.0
2031	Jun-31	557.5
2031	Jul-31	593.9
2031	Aug-31	598.1
2031	Sep-31	554.4
2031	Oct-31	562.0
2031	Nov-31	546.3
2031	Dec-31	514.2
2032	Jan-32	556.6
2032	Feb-32	532.8
2032	Mar-32	573.2
2032	Apr-32	555.0
2032	May-32	574.9
2032	Jun-32	550.7
2032	Jul-32	586.6

2032	Aug-32	590.8
2032	Sep-32	547.7
2032	Oct-32	555.1
2032	Nov-32	539.6
2032	Dec-32	507.9
2033	Jan-33	549.6
2033	Feb-33	526.1
2033	Mar-33	566.0
2033	Apr-33	548.0
2033	May-33	567.7
2033	Jun-33	543.8
2033	Jul-33	579.3
2033	Aug-33	583.4
2033	Sep-33	540.8
2033	Oct-33	548.2
2033	Nov-33	532.9
2033	Dec-33	501.5
2034	Jan-34	542.1
2034	Feb-34	518.9
2034	Mar-34	558.2
2034	Apr-34	540.5
2034	May-34	559.9
2034	Jun-34	536.4
2034	Jul-34	571.3
2034	Aug-34	575.4
2034	Sep-34	533.4
2034	Oct-34	540.6
2034	Nov-34	525.5
2034	Dec-34	494.6
2035	Jan-35	535.3
2035	Feb-35	512.4
2035	Mar-35	551.2
2035	Apr-35	533.8
2035	May-35	552.9
2035	Jun-35	529.7
2035	Jul-35	564.2
2035	Aug-35	568.2
2035	Sep-35	526.7
2035	Oct-35	533.9
2035	Nov-35	519.0
2035	Dec-35	488.5
2036	Jan-36	535.7
2036	Feb-36	512.8
2036	Mar-36	551.7
2036	Apr-36	534.2
2036	May-36	553.4
2036	Jun-36	530.1
2036	Jul-36	564.6

2036	Aug-36	568.7
2036	Sep-36	527.1
2036	Oct-36	534.3
2036	Nov-36	519.4
2036	Dec-36	488.9
2037	Jan-37	538.3
2037	Feb-37	515.3
2037	Mar-37	554.3
2037	Apr-37	536.7
2037	May-37	556.0
2037	Jun-37	532.6
2037	Jul-37	567.3
2037	Aug-37	571.4
2037	Sep-37	529.6
2037	Oct-37	536.9
2037	Nov-37	521.9
2037	Dec-37	491.2
2038	Jan-38	539.5
2038	Feb-38	516.4
2038	Mar-38	555.5
2038	Apr-38	537.9
2038	May-38	557.3
2038	Jun-38	533.8
2038	Jul-38	568.6
2038	Aug-38	572.7
2038	Sep-38	530.8
2038	Oct-38	538.1
2038	Nov-38	523.0
2038	Dec-38	492.3
2039	Jan-39	540.3
2039	Feb-39	517.2
2039	Mar-39	556.4
2039	Apr-39	538.7
2039	May-39	558.1
2039	Jun-39	534.6
2039	Jul-39	569.4
2039	Aug-39	573.5
2039	Sep-39	531.6
2039	Oct-39	538.9
2039	Nov-39	523.8
2039	Dec-39	493.0
2040	Jan-40	541.0
2040	Feb-40	517.9
2040	Mar-40	557.1
2040	Apr-40	539.4
2040	May-40	558.8
2040	Jun-40	535.3
2040	Jul-40	570.2

2040	Aug-40	574.3
2040	Sep-40	532.3
2040	Oct-40	539.6

2040	Nov-40	524.5
2040	Dec-40	493.7

NATURAL GAS VEHICLES

Table of Contents

Workpaper NGV-1	SDGE Historical + Forecast Volumes Through 2040
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1. Description - SDGE G-NGV Forecast of Volumes and Meters

2. Data

Table 1 - SDGE Historical + Forecast Volumes							
Years	Compressed			Uncompressed			Total Volumes
	Public	Utility (Fleet)	Total Compressed	Utility Procurement Customers	Customer Owned Gas	Total UnCompressed	SDG&E TOTAL
	M decatherms	M decatherms	M decatherms	M decatherms	M decatherms	M decatherms	M decatherms
2021	49	56	105	947	1,321	2,268	2,373
2022	67	63	130	1,125	1,216	2,341	2,471
2023	63	64	127	1,278	1,154	2,432	2,559
2024	70	70	140	1,447	1,286	2,733	2,873
2025	73	73	146	1,678	1,303	2,982	3,128
2026	73	73	146	1,678	1,303	2,982	3,128
2027	73	73	146	1,678	1,303	2,982	3,128
2028	73	73	146	1,678	1,303	2,982	3,128
2029	73	73	146	1,678	1,303	2,982	3,128
2030	73	73	146	1,678	1,303	2,982	3,128
2031	73	73	146	1,678	1,303	2,982	3,128
2032	73	73	146	1,678	1,303	2,982	3,128
2033	73	73	146	1,678	1,303	2,982	3,128
2034	73	73	146	1,678	1,303	2,982	3,128
2035	73	73	146	1,678	1,303	2,982	3,128
2036	73	73	146	1,678	1,303	2,982	3,128
2037	73	73	146	1,678	1,303	2,982	3,128
2038	73	73	146	1,678	1,303	2,982	3,128
2039	73	73	146	1,678	1,303	2,982	3,128
2040	73	73	146	1,678	1,303	2,982	3,128

Mdth	Mmcf	Mmcf/day
2,495	2,434	6.67
2,803	2,733	7.47
3,055	2,995	11.30

SDGE Monthly Volumes + Forecast													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Compressed Volumes - Total (M decatherms)													
2025 - Therms	133,499	115,696	110,282	120,296	112,298	116,888	124,994	126,374	122,752	137,981	114,520	123,676	1,459,254
2025 - M decatherms	13.3	11.6	11.0	12.0	11.2	11.7	12.5	12.6	12.3	13.8	11.5	12.4	145.9

2025	13	12	11	12	11	12	12	13	12	14	11	12	146
2026	13	12	11	12	11	12	12	13	12	14	11	12	146
2027	13	12	11	12	11	12	12	13	12	14	11	12	146
2028	13	12	11	12	11	12	12	13	12	14	11	12	146
2029	13	12	11	12	11	12	12	13	12	14	11	12	146
2030	13	12	11	12	11	12	12	13	12	14	11	12	146
2031	13	12	11	12	11	12	12	13	12	14	11	12	146
2032	13	12	11	12	11	12	12	13	12	14	11	12	146
2033	13	12	11	12	11	12	12	13	12	14	11	12	146
2034	13	12	11	12	11	12	12	13	12	14	11	12	146
2035	13	12	11	12	11	12	12	13	12	14	11	12	146
2036	13	12	11	12	11	12	12	13	12	14	11	12	146
2037	13	12	11	12	11	12	12	13	12	14	11	12	146
2038	13	12	11	12	11	12	12	13	12	14	11	12	146
2039	13	12	11	12	11	12	12	13	12	14	11	12	146
2040	13	12	11	12	11	12	12	13	12	14	11	12	146

Compressed Volumes - Public Use (M decatherms)													
2025 - Therms	67,903	56,580	55,121	60,931	57,149	57,124	62,723	62,672	61,536	69,603	56,477	62,021	729,838
2025 - M decatherms	6.8	5.7	5.5	6.1	5.7	5.7	6.3	6.3	6.2	7.0	5.6	6.2	73.0
2025	7	6	6	6	6	6	6	6	6	7	6	6	73
2026	7	6	6	6	6	6	6	6	6	7	6	6	73
2027	7	6	6	6	6	6	6	6	6	7	6	6	73
2028	7	6	6	6	6	6	6	6	6	7	6	6	73
2029	7	6	6	6	6	6	6	6	6	7	6	6	73
2030	7	6	6	6	6	6	6	6	6	7	6	6	73
2031	7	6	6	6	6	6	6	6	6	7	6	6	73
2032	7	6	6	6	6	6	6	6	6	7	6	6	73
2033	7	6	6	6	6	6	6	6	6	7	6	6	73
2034	7	6	6	6	6	6	6	6	6	7	6	6	73
2035	7	6	6	6	6	6	6	6	6	7	6	6	73
2036	7	6	6	6	6	6	6	6	6	7	6	6	73
2037	7	6	6	6	6	6	6	6	6	7	6	6	73
2038	7	6	6	6	6	6	6	6	6	7	6	6	73
2039	7	6	6	6	6	6	6	6	6	7	6	6	73
2040	7	6	6	6	6	6	6	6	6	7	6	6	73

Compressed Volumes - Utility Use (M decatherms)													
2025 - therms	65,596	59,116	55,161	59,365	55,149	59,764	62,271	63,702	61,216	68,378	58,043	61,655	729,416
2025 - M decatherms	6.6	5.9	5.5	5.9	5.5	6.0	6.2	6.4	6.1	6.8	5.8	6.2	72.9
2025	7	6	6	6	6	6	6	6	6	7	6	6	73
2026	7	6	6	6	6	6	6	6	6	7	6	6	73
2027	7	6	6	6	6	6	6	6	6	7	6	6	73
2028	7	6	6	6	6	6	6	6	6	7	6	6	73
2029	7	6	6	6	6	6	6	6	6	7	6	6	73
2030	7	6	6	6	6	6	6	6	6	7	6	6	73
2031	7	6	6	6	6	6	6	6	6	7	6	6	73
2032	7	6	6	6	6	6	6	6	6	7	6	6	73
2033	7	6	6	6	6	6	6	6	6	7	6	6	73
2034	7	6	6	6	6	6	6	6	6	7	6	6	73
2035	7	6	6	6	6	6	6	6	6	7	6	6	73
2036	7	6	6	6	6	6	6	6	6	7	6	6	73
2037	7	6	6	6	6	6	6	6	6	7	6	6	73
2038	7	6	6	6	6	6	6	6	6	7	6	6	73
2039	7	6	6	6	6	6	6	6	6	7	6	6	73
2040	7	6	6	6	6	6	6	6	6	7	6	6	73

SDGE Monthly Volumes + Forecast													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Uncompressed Volumes - Total (M decatherms)													
2025 - Therms	2,334,781	2,301,076	2,404,610	2,470,696	2,455,584	2,399,623	2,514,349	#####	#####	#####	#####	#####	#####
2025 - M decatherms	233.5	230.1	240.5	247.1	245.6	240.0	251.4	259.7	265.2	266.8	254.7	247.3	2,981.7
2025	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2026	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2027	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2028	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2029	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2030	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2031	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2032	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2033	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2034	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2035	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2036	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2037	233	230	240	247	246	240	251	260	265	267	255	247	2,982

2038	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2039	233	230	240	247	246	240	251	260	265	267	255	247	2,982
2040	233	230	240	247	246	240	251	260	265	267	255	247	2,982

Uncompressed Volumes - Utility Procurement Customers (M decatherms)													
2025 - Therms	1,256,378	1,297,441	1,317,271	1,349,046	1,338,267	1,325,951	1,402,223	#####	#####	#####	#####	#####	#####
2025 - M decatherms	125.6	129.7	131.7	134.9	133.8	132.6	140.2	147.8	157.7	154.2	158.1	131.9	1,678.3
2025	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2026	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2027	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2028	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2029	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2030	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2031	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2032	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2033	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2034	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2035	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2036	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2037	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2038	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2039	126	130	132	135	134	133	140	148	158	154	158	132	1,678
2040	126	130	132	135	134	133	140	148	158	154	158	132	1,678

Uncompressed Volumes - Customer Owned Gas (M decatherms)													
2025 - Therms	1,078,403	1,003,635	1,087,339	1,121,650	1,117,317	1,073,672	1,112,126	#####	#####	#####	965,981	#####	#####
2025 - M decatherms	107.8	100.4	108.7	112.2	111.7	107.4	111.2	111.9	107.5	112.6	96.6	115.4	1,303.3
2025	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2026	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2027	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2028	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2029	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2030	108	100	109	112	112	107	111	112	107	113	97	115	1,303
2031	108	100	109	112	112	107	111	112	107	113	97	115	1,303

SDGE CGR Meter Forecast Through 2040							
	Uncompressed Meters			Compressed Meters			
Year	Uncompressed Meters Utility Procured	Uncompressed Meters Customer Owned	Total Uncompressed Meters	Compressed Public Access Meters	Compressed Fleet Meters*	Total Meters	Notes
2021	19	13	32	3	6	41	Historical Counts
2022	21	13	34	2	5	41	
2023	23	11	34	2	5	41	
2024	23	11	34	2	5	41	
2025	24	11	35	2	5	42	
2026	24	11	35	2	5	42	Forecasted Values
2027	24	11	35	2	5	42	
2028	24	11	35	2	5	42	
2029	24	11	35	2	5	42	
2030	24	11	35	2	5	42	
2031	24	11	35	2	5	42	
2032	24	11	35	2	5	42	
2033	24	11	35	2	5	42	
2034	24	11	35	2	5	42	
2035	24	11	35	2	5	42	
2036	24	11	35	2	5	42	
2037	24	11	35	2	5	42	
2038	24	11	35	2	5	42	
2039	24	11	35	2	5	42	
2040	24	11	35	2	5	42	

Table 1: 2025 Uncompressed Volumes												Accounts
Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Utility Procured - Customers under the GNGV rate
Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	
52,009	44,239	52,435	46,201	46,939	50,118	44,924	48,971	53,757	47,180	75,599	28,704	
-	-	-	-	-	-	-	-	-	-	-	-	
96,249	91,704	88,335	92,184	87,350	92,689	79,190	89,165	93,911	90,277	96,408	91,826	
-	-	-	-	-	-	-	-	-	61	-	-	
142,306	141,742	143,209	147,641	144,333	152,336	148,805	143,169	152,703	153,487	146,522		
18,037	29,526	12,501	15,374	14,309	12,519	10,506	12,225	10,742	9,985	8,682	7,935	
4,012	4,520	6,680	3,769	7,251	7,424	2,341	2,916	5,862	3,584	6,511	5,405	
656	937	785	554	762	864	529	604	654	592	673	477	
112,573	118,383	106,796	114,372	118,460	110,280	118,719	115,282	121,696	121,346	122,135	120,257	
114,143	124,628	127,501	126,861	130,176	134,071	141,563	135,445	144,151	146,401	141,511	142,313	
65,797	72,285	73,901	77,013	80,079	76,834	79,376	74,868	84,080	83,452	76,641	74,729	
72,046	75,237	77,902	74,231	74,831	79,021	78,259	81,605	78,832	80,077	82,538	87,919	
137,710	151,460	144,286	130,685	144,089	135,924	139,104	136,632	144,581	148,596	140,699	137,096	
61,734	64,644	64,615	61,611	65,057	64,793	64,146	67,590	64,234	67,294	69,730	39,768	
15,554	17,061	15,975	16,069	16,842	11,841	9,538	16,910	20,532	21,043	16,402	15,458	
209	290	294	590	405	554	490	690	583	386	215	48	
129,799	120,101	134,616	131,646	130,949	116,853	119,508	122,412	118,555	123,306	111,417	114,289	
65,418	61,025	69,247	113,137	81,624	74,241	75,141	79,467	81,349	90,440	116,798	100,942	
14,795	12,539	11,601	14,244	16,303	17,970	20,309	16,849	20,081	19,113	15,000	22,220	
25,691	40,795	58,483	54,575	53,301	57,705	40,924	55,713	93,257	57,533	49,157	47,081	
1,734	2,300	2,936	2,269	3,078	1,759	1,333	1,407	2,303	2,408	2,279	1,983	
83,404	84,934	84,365	84,553	82,560	84,940	87,070	83,773	88,740	82,099	81,775	82,032	
									1,480	2,120	1,411	
42,487	39,054	40,719	41,399	39,510	43,141	40,475	39,590	41,176	37,991	51,868	38,702	
15	37	89	68	59	74	87	73	76	80	46	61	
-	-	-	-	-	-	-	-	-	-	-	-	
						99,886	152,294	155,250	153,967	166,209	158,198	
1,256,378	1,297,441	1,317,271	1,349,046	1,338,267	1,325,951	1,402,223	1,477,650	1,577,105	1,542,178	1,580,935	1,318,854	
											152,077	Customer Owned - Customers under the GTCAGNGV rate
42,948	40,484	41,962	40,287	38,720	39,948	33,477	31,940	31,971	36,025	41,166	38,982	
-	-	-	-	-	-	-	-	-	-	-	-	
100,794	108,084	105,380	108,107	102,707	104,711	101,413	105,011	109,625	110,779	72,197	79,008	
1,806	2,433	2,161	3,057	2,746	2,390	2,415	2,652	1,524				
220,600	194,821	226,043	215,814	219,560	214,851	231,290	231,403	233,244	230,613	209,282	209,794	
144,122	143,448	159,929	169,075	170,327	154,289	167,777	171,578	141,072	162,421	152,575	153,375	
57,933	52,582	58,385	60,083	63,022	61,590	61,528	41,012	57,917	58,095	48,871	48,598	
172,364	159,485	174,525	177,406	179,822	168,863	175,269	178,708	186,822	202,240	147,419	177,554	
152,715	114,907	155,559	153,777	151,851	143,448	157,210	176,795	138,082	148,698	133,897	136,649	
54,440	55,939	44,908	60,562	58,376	54,443	53,496	52,644	48,081	48,732	38,915	41,239	
52,459	54,653	44,266	54,542	53,626	52,030	48,596	50,823	49,247	49,988	49,432	42,833	
78,222	76,799	74,221	78,940	76,560	77,109	79,655	76,326	77,318	77,913	72,227	73,760	
1,078,403	1,003,635	1,087,339	1,121,650	1,117,317	1,073,672	1,112,126	1,118,892	1,074,903	1,125,504	965,981	1,153,869	
2,334,781	2,301,076	2,404,610	2,470,696	2,455,584	2,399,623	2,514,349	2,596,542	2,652,008	2,667,682	2,546,916	2,472,723	29,816,590
												Total Uncompressed Therms

Note:

38 total 3rd party stations & meters

Three customers were excluded from the meter forecast due to no consumption in 2025

Two customers had a meter rate change in 2025

Months	Meters	2025 Public Access Therms	
		GGEs	Therms
1/1/2025 to 12/31/2025			
Jan-25	2	59,047	67,903
Feb-25	2	49,201	56,580
Mar-25	2	47,932	55,121
Apr-25	2	52,984	60,931
May-25	2	49,696	57,149
Jun-25	2	49,674	57,124
Jul-25	2	54,543	62,723
Aug-25	2	54,498	62,672
Sep-25	2	53,511	61,536
Oct-25	2	60,525	69,603
Nov-25	2	49,111	56,477
Dec-25	2	53,932	62,021
Total		634,655	729,838

Conv GGEs :therms	1.15
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1.149976678 therm per GGE

2025 Compressed Volumes - Utility Owned/ Fleet

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	
SDGE Base	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	
MIRAMAR	65,377	58,973	54,864	59,118	54,938	59,332	62,149	63,252	60,776	67,845	57,482	61,458	
NORTH COAST	107	82	96	29	20	27	-	-	-	-	-	46	
BEACH CITIES	52	-	29	48	26	110	-	-	-	-	-	-	
METRO	60	61	48	129	53	-	-	-	10	94	133	151	
NORTH EAST	-	-	124	41	112	295	122	450	430	439	428	-	
Total:	65,596	59,116	55,161	59,365	55,149	59,764	62,271	63,702	61,216	68,378	58,043	61,655	729,416

ENERGY EFFICIENCY

LINE NO	EE PROGRAMS & CODES AND STANDARDS	Reported 2020 NET	Reported 2021 NET	Reported 2022 NET	Reported 2023 NET	Reported 2024 NET	Reported 2025 (prelim) NET	Forecast 2026	Forecast 2027	Forecast 2028	Forecast 2029	Forecast 2030	Forecast 2031	Forecast 2032	Forecast 2033	Forecast 2034	Forecast 2035	Forecast 2036	Forecast 2037	Forecast 2038	Forecast 2039	Forecast 2040	Forecast 2041	Forecast 2042
1	SDGE EE Program TOTAL	4,890,195	6,085,007	5,561,417	6,337,027	7,083,082	6,653,781																	
2	PUC Goal	3,500,000	3,700,000	4,000,000	4,000,000	4,000,000	4,000,000	2,984,701	3,098,881	3,042,228	3,013,634	2,731,951	2,889,754	2,918,186	2,889,062	2,928,136	2,977,013	3,005,496	3,046,420	3,071,233	3,099,035	3,129,974	3,164,210	3,201,913
3	Difference	1,390,195	2,385,007	1,561,417	2,337,027	3,083,082	2,653,781																	
4																								
5																								
6	SDGE	therms	therms	therms	therms	therms	therms																	
7	Core Residential	3,664,329	4,268,153	3,833,772	4,154,706	4,006,241	4,172,881	65.9%	64.6%	63.5%	61.6%	59.5%	56.3%	56.0%	57.0%	57.0%	57.2%	57.8%	58.2%	57.4%	56.5%	55.6%	54.7%	53.7%
8	Core Commercial	882,332	1,522,216	1,460,595	1,875,680	2,291,915	2,132,299	28.1%	29.3%	30.2%	31.9%	33.6%	36.4%	36.7%	35.8%	35.9%	35.7%	35.2%	34.8%	35.6%	36.4%	37.2%	38.0%	38.9%
9	Core Industrial	40,179	15,671	12,218	9,156	85,031	10,410	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
10	NonCore Commercial	120,318	207,875	199,172	255,775	312,534	290,768	3.8%	4.0%	4.1%	4.3%	4.6%	5.0%	5.0%	4.9%	4.9%	4.9%	4.8%	4.8%	4.9%	5.0%	5.1%	5.2%	5.3%
11	NonCore Industrial retail	183,038	71,392	55,659	41,710	387,361	47,423	1.8%	1.7%	1.7%	1.8%	2.0%	1.9%	1.8%	1.9%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.7%	1.7%	1.7%
12	NonCore Industrial refinery	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
13	Total	4,890,195	6,085,007	5,561,417	6,337,027	7,083,082	6,653,781	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
14																								
15	Proportionally scale it down or up to match PUC Goals for 2010 - 2014																							
16	ANNUAL NET SAVINGS	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth
17		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
18	Core Residential	366	427	383	415	401	417	197	200	193	186	162	163	163	165	167	170	174	177	175	175	174	173	172
19	Core Commercial	88	152	146	188	229	213	84	91	92	96	92	105	107	103	105	106	106	106	109	113	116	120	124
20	Core Industrial	4	2	1	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	NonCore Commercial	12	21	20	26	31	29	11	12	13	13	12	14	15	14	14	14	14	14	15	15	16	16	17
22	NonCore Industrial retail	18	7	6	4	39	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	NonCore Industrial refinery	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Total	489	609	556	634	708	665	298	310	304	301	273	289	292	289	293	298	301	305	307	310	313	316	320
25																								
26	Life cycle is 10 years.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
27																								
28	Cumulative Savings Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth
29	Core Residential	197	397	590	776	938	1,101	1,264	1,429	1,596	1,766	1,743	1,721	1,704	1,693	1,705	1,715	1,724						
30	Core Commercial	84	175	267	363	454	560	667	770	875	982	1,004	1,019	1,036	1,053	1,078	1,093	1,110						
31	Core Industrial	1	2	3	5	6	7	8	9	11	12	12	12	12	12	12	12	12	12					
32	NonCore Commercial	11	24	36	49	62	76	91	105	119	134	137	139	141	144	147	149	151						
33	NonCore Industrial regular	5	11	16	21	26	31	37	42	47	52	53	53	53	53	54	54	54	54					
34	NonCore Industrial refinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
35	Total Load Impacts	298	608	913	1,214	1,487	1,776	2,068	2,357	2,650	2,947	2,949	2,944	2,947	2,956	2,995	3,023	3,051						
36																								
37																								
38																								
39	Cumulative Savings MMCF	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf	mmcf
40	Core Residential	193	389	578	760	920	1,079	1,240	1,401	1,565	1,732	1,709	1,687	1,670	1,660	1,671	1,681	1,690						
41	Core Commercial	82	171	262	356	446	549	654	755	858	962	984	999	1,016	1,032	1,057	1,071	1,088						
42	Core Industrial	1	2	3	5	6	7	8	9	10	12	12	12	12	12	12	12	12	12					
43	NonCore Commercial	11	23	36	49	61	75	89	103	117	131	134	136	139	141	144	146	148						
44	NonCore Industrial regular	5	10	16	21	26	31	37	42	47	52	53	53	53	53	53	53	53	53					
45	NonCore Industrial refinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
46	Total Cumulative Load	293	596	895	1,190	1,458	1,741	2,027	2,310	2,597	2,889	2,891	2,886	2,889	2,897	2,936	2,963	2,991						
47																								
48																								
49																								
50																								
51	Cumulative Savings BCF	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf	bcf
52	Core Residential	0.19	0.39	0.58	0.76	0.92	1.08	1.24	1.40	1.56	1.73	1.71	1.69	1.67	1.66	1.67	1.68	1.69						
53	Core Commercial	0.08	0.17	0.26	0.36	0.45	0.55	0.65	0.76	0.86	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96						
54	Core Industrial	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01					
55	NonCore Commercial	0.01	0.02	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.15	0.15					
56	NonCore Industrial regular	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05					
57	NonCore Industrial refinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
58	Total Cumulative Load	0.29	0.60	0.89	1.19	1.46	1.74	2.03	2.31	2.60	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89					
	MMCF factor (2025 CGR placeholder)	1.020082																						
	Life cycle is 10 years.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					

ELECTRIC GENERATION (EG)

Please refer to SoCalGas' 2026 California Gas Report workpapers for detail on the documentation regarding non-cogeneration electric generation (EG) forecasting.

CORE PEAK DAY FORECAST

2026-CGR Sales + Transport + Exchange for Month of DECEMBER (units=Mdth/Day)
"1-in-2" Likelihood Cold Day Temperature

No. "CGR_B"	CLASS	2025	2026	2027	2028	2029	2030	2031	2032	2033	2035	2040
		----	----	----	----	----	----	----	----	----	----	----
1	RESIDEN	190.8	190.0	188.8	187.7	186.6	185.7	184.6	183.6	182.9	181.6	183.5
2	Com GN3	72.5	72.1	70.6	69.2	67.8	67.3	66.6	65.9	65.4	64.3	63.9
2	GAC <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	GEN <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Ind GN3	7.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8
4	NGV <u>2/</u>	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Total:	MDth/day	278.6	277.4	274.6	272.1	269.6	268.1	266.3	264.6	263.4	261.0	262.4
	MMcf/day <u>4/</u>	273.1	271.9	269.2	266.7	264.3	262.8	261.0	259.4	258.2	255.9	257.2
	Days per Mo	31	31	31	31	31	31	31	31	31	31	31
	Pk-Day Temp. (deg-F) =	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
	Hdd: December--AvgYr =	248.3	247.2	246.1	245.0	243.9	242.7	241.6	240.5	239.4	237.2	231.6
	Hdd: December--ColdYr =	301.5	300.4	299.3	298.2	297.1	295.9	294.8	293.7	292.6	290.4	284.8
	"Wkday/Wkend" Factor-Res:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	"Wkday/Wkend" Factor-NonRes:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Use this Methodology for the 2026-CGR Res and Core C&I Calculations

Notes:

1/ =("Avg-Dec" / 31 days) + {["Cold-Dec" - "Avg-Dec"] / ("Cold-Dec-Hdd" - "Avg-Dec-Hdd")]
* [(65 degF - 47.8 degF) - (Avg-Dec-Hdd / 31 days)]}

2/ "Non-temperature" sensitive market segment.

3/ "Weekday/Weekend" Factor applies to the "raw" estimate.

4/ Dth/Mcf= 1.0201

2026-CGR Sales + Transport + Exchange for Month of DECEMBER (units=Mdth/Day)
"1-in-10" Likelihood Cold Day Temperature

No. "CGR_B"	CLASS	2025 ----	2026 ----	2027 ----	2028 ----	2029 ----	2030 ----	2031 ----	2032 ----	2033 ----	2035 ----	2040 ----
1	RESIDEN	211.7	211.0	209.8	208.7	207.6	206.7	205.7	204.7	204.1	202.9	205.0
2	Com GN3	77.5	77.1	75.5	74.1	72.7	72.2	71.4	70.8	70.2	69.2	68.7
2	GAC <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	GEN <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Ind GN3	7.5	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3
4	NGV <u>2/</u>	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Total: MDth/day		304.9	303.8	301.0	298.5	296.0	294.5	292.7	291.0	289.8	287.6	289.2
MMcf/day <u>4/</u>		298.9	297.8	295.1	292.6	290.1	288.7	287.0	285.3	284.1	281.9	283.5
Days per Mo		31	31	31	31	31	31	31	31	31	31	31
Pk-Day Temp. (deg-F) =		45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
Hdd: December--AvgYr =		248.3	247.2	246.1	245.0	243.9	242.7	241.6	240.5	239.4	237.2	231.6
Hdd: December--ColdYr =		301.5	300.4	299.3	298.2	297.1	295.9	294.8	293.7	292.6	290.4	284.8
"Wkday/Wkend" Factor-Res:		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
"Wkday/Wkend" Factor-NonRes:		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Use this Methodology for the 2026-CGR Res and Core C&I Calculations

Notes:

1/ =("Avg-Dec" / 31 days) + {["Cold-Dec" - "Avg-Dec"] / ("Cold-Dec-Hdd" - "Avg-Dec-Hdd")]
* [(65 degF - 45.1 degF) - (Avg-Dec-Hdd / 31 days)]}

2/ "Non-temperature" sensitive market segment.

3/ "Weekday/Weekend" Factor applies to the "raw" estimate.

4/ Dth/Mcf= 1.0201

2026-CGR Sales + Transport + Exchange for Month of DECEMBER (units=Mdth/Day)
"1-in-35" Likelihood Cold Day Temperature

No. "CGR_B"	CLASS	2025	2026	2027	2028	2029	2030	2031	2032	2033	2035	2040
		----	----	----	----	----	----	----	----	----	----	----
1	RESIDEN	222.6	221.8	220.6	219.6	218.6	217.7	216.6	215.7	215.1	213.9	216.1
2	Com GN3	80.0	79.6	78.1	76.7	75.2	74.7	74.0	73.3	72.7	71.7	71.2
2	GAC <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	GEN <u>2/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Ind GN3	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5
4	NGV <u>2/</u>	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Total:	MDth/day	318.5	317.5	314.7	312.2	309.7	308.2	306.4	304.7	303.6	301.3	303.0
	MMcf/day <u>4/</u>	312.3	311.2	308.5	306.0	303.6	302.2	300.4	298.7	297.6	295.4	297.1
	Days per Mo	31	31	31	31	31	31	31	31	31	31	31
	Pk-Day Temp. (deg-F) =	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
	Hdd: December--AvgYr =	248.3	247.2	246.1	245.0	243.9	242.7	241.6	240.5	239.4	237.2	231.6
	Hdd: December--ColdYr =	301.5	300.4	299.3	298.2	297.1	295.9	294.8	293.7	292.6	290.4	284.8
	"Wkday/Wkend" Factor-Res:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	"Wkday/Wkend" Factor-NonRes:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Use this Methodology for the 2026-CGR Res and Core C&I Calculations

Notes:

1/ =("Avg-Dec" / 31 days) + {["Cold-Dec" - "Avg-Dec"] / ("Cold-Dec-Hdd" - "Avg-Dec-Hdd")}
* [(65 degF - 43.7 degF) - (Avg-Dec-Hdd / 31 days)]}

2/ "Non-temperature" sensitive market segment.

3/ "Weekday/Weekend" Factor applies to the "raw" estimate.

4/ Dth/Mcf= 1.0201

2026-CGR Sales + Transport + Exchange for Month of DECEMBER (units=Mdth/Day)

Temp=December, Average Year

No. "CGR_CLASS	2025	2026	2027	2028	2029	2030	2031	2032	2033	2035	2040
	---	---	---	---	---	---	---	---	---	---	---
1 Residen	3,706.1	3,667.6	3,621.5	3,575.8	3,530.3	3,488.6	3,445.0	3,402.3	3,368.0	3,300.3	3,285.8
2 Com GN3	1,730.2	1,710.5	1,665.0	1,621.8	1,576.9	1,560.4	1,538.5	1,517.8	1,500.4	1,466.2	1,447.1
2 GAC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 GEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Ind GN3	167.9	168.8	167.5	166.7	165.9	165.2	164.1	163.2	162.5	161.3	159.3
4 NGV	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	5,857.7	5,800.4	5,707.4	5,617.7	5,526.6	5,467.7	5,401.0	5,336.8	5,284.3	5,181.3	5,145.6

2026-CGR Sales + Transport + Exchange for Month of DECEMBER (units=Mdth/Day)

Temp=December, Cold Year

No. "CGR_CLASS	2025	2026	2027	2028	2029	2030	2031	2032	2033	2035	2040
	---	---	---	---	---	---	---	---	---	---	---
1 Residen	4,118.6	4,080.9	4,034.8	3,989.7	3,944.8	3,903.8	3,860.5	3,818.4	3,785.0	3,719.1	3,709.4
2 Com GN3	1,827.1	1,808.1	1,762.0	1,718.5	1,673.4	1,656.7	1,634.3	1,613.3	1,595.7	1,561.2	1,541.4
2 GAC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 GEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Ind GN3	177.3	178.3	176.9	176.1	175.2	174.5	173.4	172.4	171.7	170.5	168.4
4 NGV	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5	253.5
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	6,376.4	6,320.8	6,227.2	6,137.7	6,046.9	5,988.5	5,921.7	5,857.7	5,805.8	5,704.2	5,672.7
Mdth/Hdd:	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9

WEATHER

Weather for SDG&E: Heating Degree Days – Average and Cold Year Designs; and Winter Peak Day Design Temperatures

July 2026

I. Overview

San Diego Gas and Electric Company’s service area for natural gas extends from southern Orange County throughout San Diego County to the Mexican border. To quantify the overall temperature experienced within this region, SDG&E aggregates daily temperature recordings from three U.S. Weather Bureau weather stations into one system average heating degree-day (“HDD”) figure. The table below lists weather station locations along with its associated temperature zone(s).

Table 1

Representative Weather Stations with Temperature Zones

Station Location	Weight	Temperature Zone
1. Miramar Naval Air Station	1/3	Coastal and Inland
2. San Diego Lindbergh Field (International Airport)	1/3	Coastal
3. El Cajon	1/3	Inland

SDG&E uses 65° Fahrenheit to calculate the number of HDDs. One heating degree-day is accumulated for each degree that the daily average is *below* 65° Fahrenheit. To arrive at the system average HDDs figure for its entire service area, SDG&E weights the HDD figure for each zone using the weights shown in Table 1. These weights are used in calculating the data shown from January 2006 to December 2025.

Daily maximum and minimum temperatures, for each individual weather station in the table above, are from the National Climatic Data Center or from preliminary data that SoCalGas captures each day for various individual weather stations as well as for its system average values of HDD. For each station, the average temperature is computed as the (maximum + minimum)/2 and this value is used to compute the heating degrees (i.e., the *daily* HDD) for each station as well. System average values of HDD are then computed using the weights for each respective station. Annual and monthly HDDs for the entire SDG&E service area from 2006 to 2025 are listed in Table 2, below.

Table 2**Calendar Month Heating Degree-Days (Jan. 2006 through Dec. 2025)**

<u>Year</u>	<u>Month</u>												<u>Total "Cal- Year"</u>
	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
2006	276	205	307	143	31	0	0	0	1	35	88	287	1373
2007	367	228	153	137	62	18	0	0	4	28	110	342	1448
2008	331	277	184	129	88	15	0	0	0	13	59	289	1385
2009	177	248	203	141	30	10	0	0	0	40	123	293	1265
2010	240	215	194	179	87	21	9	1	3	32	184	242	1407
2011	222	279	196	97	73	20	0	0	1	24	174	342	1427
2012	232	240	225	126	36	12	0	0	0	18	103	269	1261
2013	326	272	150	105	23	6	0	1	0	41	104	243	1269
2014	160	143	82	77	20	1	0	0	0	0	46	172	700
2015	160	85	63	42	47	0	0	0	0	0	97	254	747
2016	240	81	96	45	30	0	0	0	0	0	70	198	760
2017	244	158	83	31	40	3	0	0	0	1	38	149	747
2018	111	169	136	58	48	1	0	0	0	1	48	195	767
2019	216	290	161	48	69	2	0	0	2	14	88	232	1121
2020	233	194	178	96	3	0	0	0	0	6	133	245	1088
2021	251	190	234	92	40	5	0	0	1	48	72	306	1239
2022	270	241	192	104	71	6	0	0	0	16	218	305	1422
2023	336	336	306	183	108	29	0	0	3	18	106	210	1635
2024	295	257	227	139	61	13	0	1	4	17	154	237	1404
2025	305	169	232	139	40	7	0	0	0	12	96	156	1156

20-Yr-Avg (Jan 2006 - Dec 2025)

Avg.	249.6	213.7	180.0	105.5	50.3	8.4	0.5	0.1	0.9	18.1	105.5	248.3	1180.9
St.Dev.	66.1	66.6	67.6	44.8	26.6	8.6	2.0	0.3	1.4	15.0	48.1	56.7	287.4
Min.	111.4	80.7	62.7	31.2	2.7	0.0	0.0	0.0	0.0	0.0	37.7	149.3	700.3
Max.	367.3	335.7	307.3	183.0	108.4	28.9	9.0	1.2	4.0	48.1	218.3	342.4	1634.9

II. Calculations to Define Our Average-Temperature Year

The simple average of the 20-year period (January 2006 through December 2025) was used to represent the Average Year total and the individual monthly values for HDD. In this CGR, the standard deviation has been calculated using an approach that compensates for the annual HDD values for the years 2014-2018 in SDG&E's service territory being dramatically lower than in any preceding year going back to 1972¹. A regression with a dummy variable for the years 2014-2018 has been used to estimate a shift in the level of annual HDD that occurred beginning in 2014. A dummy variable takes the value one for some observations to indicate the presence of an effect or membership in a group and zero for the remaining observations. Estimating the effect of the dummy variable gives an estimate of that effect or the impact of membership in that group. A dummy variable is used here to estimate the average effect on annual HDD of a given year having membership in the group of years 2014-2018. The dataset is SDG&E system-wide annual HDD for the years 2006-2025. The regression equation is:

$$HDD_t = \alpha + \beta * t + \beta_{2014-2018} * D_{2014-2018} + \varepsilon$$

where $D_{2014-2018}$ is a dummy variable for the years 2014-2018 and $\beta_{2014-2018}$ is the corresponding dummy coefficient. This regression equation estimates average HDD over the period 2006-2025 controlling for time trends in HDD and the warm weather regime of years 2006-2025. It's important to note that p-value for the estimate of $\beta_{2014-2018}$ is virtually zero, indicating an extremely low probability that membership in the group of years 2014-2018 had no effect on annual HDDs. Please see Table 3 below for the full regression output.

Table 3

Dummy Regression for Calculation of Heating Degree-Day Standard Deviation

<i>Regression Statistics</i>	
Multiple R	0.902902087
R Square	0.815232179
Adjusted R Square	0.793494788
Standard Error	130.596905
Observations	20

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	1279291.951	639645.9754	37.50368152	5.8388E-07
Residual	17	289944.3772	17055.5516		
Total	19	1569236.328			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>
Intercept	1360.89	62.31	21.84	0.0000000
Time	-3.32	5.07	-0.66	0.5208649
Regime Dummy	-580.18	67.52	-8.59	0.0000001

¹ The same approach to control warm weather regime from 2014 to 2018 when estimating standard deviation was used in CGR 2020, CGR 2022 and CGR 2024.

The dummy variable's estimated effect, $\beta_{2014-2018}$, is subtracted from the actual annual HDD data for years 2014-2018 to adjust the data to remove the level shift. The standard deviation has been calculated to be 125.1 using this adjusted dataset. This adjusted standard deviation has been used to design the Cold Years based on a "1-in-10" and "1-in-35" chance, c , that the respective annual "Cold Year" hdd_c value would be exceeded. A probability model for the annual HDD is based on a t-Distribution with N-1 degrees of freedom, where N is the number of years of HDD data we use, μ is the average of the last 20 years of HDD, and S_{20} is the average of the standard deviations of the 20 most recent 20 year periods:

$$U = (HDD_y - \mu)/S_{20}, \text{ has a t-Distribution with } N-1 \text{ degrees of freedom.}$$

III. Calculating the Cold-Temperature Year Weather Designs

Cold Year HDD Weather Designs

For SDG&E, cold-temperature-year HDD weather designs are developed with a 1-in-35-year chance of occurrence. In terms of probabilities this can be expressed as the following for a "1-in-35" cold-year HDD value in equation 1 and a "1-in-10" cold-year HDD value in equation 2, with Annual HDD as the random variable:

$$(1) \quad \text{Prob} \{ \text{Annual HDD} > \text{"1-in-35" Cold-Yr HDD} \} = 1/35 = 0.0286$$

$$(2) \quad \text{Prob} \{ \text{Annual HDD} > \text{"1-in-10" Cold-Yr HDD} \} = 1/10 = 0.1000$$

An area of 0.0286 under one tail of the T-Distribution translates to 2.025 standard deviations *above* an average-year based on a t-statistic with 19 degrees of freedom. Using the standard deviation calculated as described earlier, 125.1 HDD, these equations yield values of about 1,434 HDDs for a "1-in-35" cold year and 1,347 as the number of HDDs for a "1-in-10" cold year (an area of 0.1000 under one tail of the T-Distribution translates to 1.328 standard deviations *above* an average-year based on a t-statistic with 19 degrees of freedom). For example, the "1-in-35" cold-year HDD is calculated as follows:

$$(3) \quad \text{Cold-year HDD} = 1,434, \text{ which equals approximately} \\ 1,181 \text{ average-year HDDs} + 2.025 * 125.1$$

Table 4 below shows monthly HDD figures for "1-in-35" cold year, "1-in-10" cold year and, average year temperature designs. The monthly average-temperature-year HDDs are calculated from weighted monthly HDDs from 2006 to 2025, as shown as the bottom of Table 2, above. For example, the average-year December value of 248.3 HDD equals the simple average of the 20 December HDD figures from 2006 to 2025. SDG&E calculates the cold-temperature-year monthly HDD values using the same shape of the average-year HDDs. For example, since 21.0 percent (248.3 / 1181) of average-temperature-year HDDs occurred in December, the estimated number of HDDs during

December for a cold-year is equal to 1,434 HDDs multiplied by 21.0 percent, or 301.5 HDDs.

Table 4

Calendar Month Heating Degree-Day Designs

	<u>Cold</u>		<u>Average</u>	<u>Hot</u>	
	<u>1-in-35 Design</u>	<u>1-in-10 Design</u>		<u>1-in-10 Design</u>	<u>1-in-35 Design</u>
January	303.0	284.7	249.6	214.5	196.1
February	259.5	243.8	213.7	183.7	168.0
March	218.6	205.4	180.0	154.7	141.5
April	128.1	120.3	105.5	90.7	82.9
May	61.1	57.4	50.3	43.2	39.5
June	10.2	9.6	8.4	7.2	6.6
July	0.6	0.6	0.5	0.4	0.4
August	0.2	0.2	0.1	0.1	0.1
September	1.0	1.0	0.9	0.7	0.7
October	21.9	20.6	18.1	15.5	14.2
November	128.1	120.3	105.5	90.7	82.9
December	301.5	283.2	248.3	213.4	195.1
Total	1434	1347	1181	1015	928

IV. Adjusting Forecasted HDDs for a Climate-Change Trend

SDG&E incorporates a climate-change warming trend that gradually reduces HDDs by 5.3 HDDs per year over the forecast period. The annual reduction is based on the latest twenty-year trend in 20-year-averaged HDDs. That is, they are based on the observed trend in changes starting with average HDDs for years 1987-2006, then 1988-2007, 1989-2008...and ending with the average HDDs for years 2006-2025.

Table 5 below shows system HDDs, rolling 20-year averaged HDDs, and the annual changes in those rolling 20-year averages. The actual average annual change is - 5.3 HDDs for the most recent twenty of the 20-year averages (with ending years from 2006 through 2025). Based on this average change, it was decided to decrease average-year and cold-year forecasted HDDs by 5.3 HDDs per year, starting with the first forecast year of 2026.

Table 5
Average Annual Changes in 20-Year Averaged Heating-Degree Days
Average Annual Changes in 20-Year-Averaged HDDs

20 Year: (2006-2025)			Annual Change -5.3
Year	SDG&E System HDDs	20-year averaged HDDs	Annual change in 20- year averaged HDDs
1991	1316	1252.3	
1992	1007	1232.0	-20.3
1993	1105	1212.4	-19.6
1994	1467	1215.0	2.6
1995	1078	1182.9	-32.1
1996	1154	1182.6	-0.3
1997	1156	1188.0	5.4
1998	1576	1210.5	22.5
1999	1606	1228.8	18.3
2000	1322	1251.4	22.6
2001	1540	1280.4	29.0
2002	1479	1287.0	6.6
2003	1268	1294.1	7.1
2004	1248	1300.2	6.1
2005	1126	1286.4	-13.8
2006	1373	1303.7	17.3
2007	1448	1305.9	2.2
2008	1385	1311.6	5.6
2009	1265	1311.9	0.4
2010	1407	1316.2	4.2
2011	1427	1321.8	5.6
2012	1261	1334.4	12.7
2013	1269	1342.6	8.2
2014	700	1304.3	-38.3
2015	747	1287.7	-16.6
2016	760	1268.0	-19.7
2017	747	1247.6	-20.4
2018	767	1207.1	-40.5
2019	1121	1182.9	-24.3
2020	1088	1171.2	-11.7
2021	1239	1156.1	-15.0
2022	1422	1153.3	-2.8
2023	1635	1171.7	18.4
2024	1404	1179.4	7.8
2025	1156	1180.9	1.5

Below tables 6.1 – 6.5 show the complete monthly weather design:

Table 6.1

Calendar Month Heating Degree-Day Designs with Climate-Change Trend

	Cold		Average	Hot	
	1-in-35 Design	1-in-10 Design		1-in-10 Design	1-in-35 Design
Jan-2026	301.9	283.5	248.5	213.4	195.0
Feb-2026	258.6	242.8	212.8	182.7	167.0
Mar-2026	217.8	204.5	179.2	153.9	140.7
Apr-2026	127.6	119.9	105.0	90.2	82.4
May-2026	60.8	57.1	50.1	43.0	39.3
Jun-2026	10.2	9.6	8.4	7.2	6.6
Jul-2026	0.6	0.6	0.5	0.4	0.4
Aug-2026	0.2	0.2	0.1	0.1	0.1
Sep-2026	1.0	1.0	0.9	0.7	0.7
Oct-2026	21.9	20.5	18.0	15.4	14.1
Nov-2026	127.6	119.9	105.0	90.2	82.4
Dec-2026	300.4	282.1	247.2	212.3	194.0
Jan-2027	300.8	282.4	247.3	212.3	193.9
Feb-2027	257.6	241.9	211.8	181.8	166.0
Mar-2027	217.0	203.7	178.4	153.1	139.9
Apr-2027	127.2	119.4	104.6	89.7	82.0
May-2027	60.6	56.9	49.8	42.8	39.1
Jun-2027	10.2	9.5	8.4	7.2	6.6
Jul-2027	0.6	0.6	0.5	0.4	0.4
Aug-2027	0.2	0.2	0.1	0.1	0.1
Sep-2027	1.0	1.0	0.8	0.7	0.7
Oct-2027	21.8	20.4	17.9	15.4	14.0
Nov-2027	127.2	119.4	104.6	89.7	82.0
Dec-2027	299.3	281.0	246.1	211.2	192.9
Jan-2028	299.7	281.3	246.2	211.1	192.8
Feb-2028	256.7	240.9	210.9	180.8	165.1
Mar-2028	216.2	202.9	177.6	152.3	139.1
Apr-2028	126.7	118.9	104.1	89.3	81.5
May-2028	60.4	56.7	49.6	42.5	38.8
Jun-2028	10.1	9.5	8.3	7.1	6.5
Jul-2028	0.6	0.6	0.5	0.4	0.4
Aug-2028	0.2	0.2	0.1	0.1	0.1
Sep-2028	1.0	1.0	0.8	0.7	0.7
Oct-2028	21.7	20.4	17.8	15.3	14.0
Nov-2028	126.7	118.9	104.1	89.3	81.5
Dec-2028	298.2	279.9	245.0	210.1	191.8

Table 6.2

Calendar Month Heating Degree-Day Designs with Climate-Change Trend

	Cold		Average	Hot	
	1-in-35 Design	1-in-10 Design		1-in-10 Design	1-in-35 Design
Jan-2029	298.6	280.2	245.1	210.0	191.6
Feb-2029	255.7	239.9	209.9	179.9	164.1
Mar-2029	215.4	202.1	176.8	151.5	138.2
Apr-2029	126.2	118.4	103.6	88.8	81.0
May-2029	60.2	56.5	49.4	42.3	38.6
Jun-2029	10.1	9.5	8.3	7.1	6.5
Jul-2029	0.6	0.6	0.5	0.4	0.4
Aug-2029	0.2	0.2	0.1	0.1	0.1
Sep-2029	1.0	1.0	0.8	0.7	0.7
Oct-2029	21.6	20.3	17.7	15.2	13.9
Nov-2029	126.2	118.5	103.6	88.8	81.0
Dec-2029	297.1	278.8	243.9	209.0	190.7
Jan-2030	297.4	279.1	244.0	208.9	190.5
Feb-2030	254.7	239.0	208.9	178.9	163.2
Mar-2030	214.6	201.3	176.0	150.7	137.4
Apr-2030	125.7	118.0	103.1	88.3	80.5
May-2030	59.9	56.2	49.2	42.1	38.4
Jun-2030	10.1	9.4	8.2	7.1	6.4
Jul-2030	0.6	0.5	0.5	0.4	0.4
Aug-2030	0.2	0.2	0.1	0.1	0.1
Sep-2030	1.0	1.0	0.8	0.7	0.7
Oct-2030	21.5	20.2	17.7	15.1	13.8
Nov-2030	125.8	118.0	103.1	88.3	80.5
Dec-2030	295.9	277.6	242.7	207.8	189.5
Jan-2031	296.3	277.9	242.9	207.8	189.4
Feb-2031	253.8	238.0	208.0	177.9	162.2
Mar-2031	213.8	200.5	175.2	149.9	136.6
Apr-2031	125.3	117.5	102.7	87.8	80.1
May-2031	59.7	56.0	48.9	41.9	38.2
Jun-2031	10.0	9.4	8.2	7.0	6.4
Jul-2031	0.6	0.5	0.5	0.4	0.4
Aug-2031	0.2	0.2	0.1	0.1	0.1
Sep-2031	1.0	1.0	0.8	0.7	0.6
Oct-2031	21.5	20.1	17.6	15.0	13.7
Nov-2031	125.3	117.5	102.7	87.8	80.1
Dec-2031	294.8	276.5	241.6	206.7	188.4

Table 6.3

Calendar Month Heating Degree-Day Designs with Climate-Change Trend

	Cold		Average	Hot	
	1-in-35 Design	1-in-10 Design		1-in-10 Design	1-in-35 Design
Jan-2032	295.2	276.8	241.7	206.7	188.3
Feb-2032	252.8	237.1	207.0	177.0	161.2
Mar-2032	213.0	199.7	174.4	149.1	135.8
Apr-2032	124.8	117.0	102.2	87.4	79.6
May-2032	59.5	55.8	48.7	41.6	37.9
Jun-2032	10.0	9.4	8.2	7.0	6.4
Jul-2032	0.6	0.5	0.5	0.4	0.4
Aug-2032	0.2	0.2	0.1	0.1	0.1
Sep-2032	1.0	0.9	0.8	0.7	0.6
Oct-2032	21.4	20.0	17.5	15.0	13.6
Nov-2032	124.8	117.0	102.2	87.4	79.6
Dec-2032	293.7	275.4	240.5	205.6	187.3
Jan-2033	294.1	275.7	240.6	205.5	187.2
Feb-2033	251.9	236.1	206.1	176.0	160.3
Mar-2033	212.2	198.9	173.6	148.3	135.0
Apr-2033	124.3	116.6	101.7	86.9	79.1
May-2033	59.3	55.6	48.5	41.4	37.7
Jun-2033	9.9	9.3	8.1	6.9	6.3
Jul-2033	0.6	0.5	0.5	0.4	0.4
Aug-2033	0.2	0.2	0.1	0.1	0.1
Sep-2033	1.0	0.9	0.8	0.7	0.6
Oct-2033	21.3	20.0	17.4	14.9	13.6
Nov-2033	124.3	116.6	101.7	86.9	79.1
Dec-2033	292.6	274.3	239.4	204.5	186.2
Jan-2034	293.0	274.6	239.5	204.4	186.0
Feb-2034	250.9	235.2	205.1	175.1	159.3
Mar-2034	211.3	198.1	172.8	147.5	134.2
Apr-2034	123.9	116.1	101.2	86.4	78.6
May-2034	59.0	55.3	48.3	41.2	37.5
Jun-2034	9.9	9.3	8.1	6.9	6.3
Jul-2034	0.6	0.5	0.5	0.4	0.4
Aug-2034	0.2	0.2	0.1	0.1	0.1
Sep-2034	1.0	0.9	0.8	0.7	0.6
Oct-2034	21.2	19.9	17.3	14.8	13.5
Nov-2034	123.9	116.1	101.3	86.4	78.6
Dec-2034	291.5	273.2	238.3	203.4	185.1

Table 6.4

Calendar Month Heating Degree-Day Designs with Climate-Change Trend

	Cold		Average	Hot	
	1-in-35 Design	1-in-10 Design		1-in-10 Design	1-in-35 Design
Jan-2035	291.8	273.5	238.4	203.3	184.9
Feb-2035	249.9	234.2	204.1	174.1	158.4
Mar-2035	210.5	197.3	172.0	146.7	133.4
Apr-2035	123.4	115.6	100.8	85.9	78.2
May-2035	58.8	55.1	48.0	41.0	37.3
Jun-2035	9.9	9.2	8.1	6.9	6.2
Jul-2035	0.6	0.5	0.5	0.4	0.4
Aug-2035	0.2	0.2	0.1	0.1	0.1
Sep-2035	1.0	0.9	0.8	0.7	0.6
Oct-2035	21.1	19.8	17.3	14.7	13.4
Nov-2035	123.4	115.6	100.8	85.9	78.2
Dec-2035	290.4	272.1	237.2	202.3	184.0
Jan-2036	290.7	272.3	237.3	202.2	183.8
Feb-2036	249.0	233.2	203.2	173.1	157.4
Mar-2036	209.7	196.5	171.2	145.9	132.6
Apr-2036	122.9	115.1	100.3	85.5	77.7
May-2036	58.6	54.9	47.8	40.7	37.0
Jun-2036	9.8	9.2	8.0	6.8	6.2
Jul-2036	0.6	0.5	0.5	0.4	0.4
Aug-2036	0.2	0.2	0.1	0.1	0.1
Sep-2036	1.0	0.9	0.8	0.7	0.6
Oct-2036	21.1	19.7	17.2	14.6	13.3
Nov-2036	122.9	115.1	100.3	85.5	77.7
Dec-2036	289.3	271.0	236.1	201.2	182.9
Jan-2037	289.6	271.2	236.1	201.1	182.7
Feb-2037	248.0	232.3	202.2	172.2	156.4
Mar-2037	208.9	195.7	170.4	145.0	131.8
Apr-2037	122.4	114.7	99.8	85.0	77.2
May-2037	58.4	54.7	47.6	40.5	36.8
Jun-2037	9.8	9.2	8.0	6.8	6.2
Jul-2037	0.6	0.5	0.5	0.4	0.4
Aug-2037	0.2	0.2	0.1	0.1	0.1
Sep-2037	1.0	0.9	0.8	0.7	0.6
Oct-2037	21.0	19.6	17.1	14.6	13.2
Nov-2037	122.4	114.7	99.8	85.0	77.2
Dec-2037	288.1	269.8	234.9	200.0	181.7

Table 6.5

Calendar Month Heating Degree-Day Designs with Climate-Change Trend

	Cold		Average	Hot	
	1-in-35 Design	1-in-10 Design		1-in-10 Design	1-in-35 Design
Jan-2038	288.5	270.1	235.0	199.9	181.6
Feb-2038	247.1	231.3	201.3	171.2	155.5
Mar-2038	208.1	194.9	169.5	144.2	131.0
Apr-2038	122.0	114.2	99.4	84.5	76.8
May-2038	58.1	54.4	47.4	40.3	36.6
Jun-2038	9.8	9.1	7.9	6.8	6.1
Jul-2038	0.6	0.5	0.5	0.4	0.4
Aug-2038	0.2	0.2	0.1	0.1	0.1
Sep-2038	1.0	0.9	0.8	0.7	0.6
Oct-2038	20.9	19.6	17.0	14.5	13.1
Nov-2038	122.0	114.2	99.4	84.5	76.8
Dec-2038	287.0	268.7	233.8	198.9	180.6
Jan-2039	287.4	269.0	233.9	198.8	180.4
Feb-2039	246.1	230.4	200.3	170.3	154.5
Mar-2039	207.3	194.0	168.7	143.4	130.2
Apr-2039	121.5	113.7	98.9	84.1	76.3
May-2039	57.9	54.2	47.1	40.1	36.4
Jun-2039	9.7	9.1	7.9	6.7	6.1
Jul-2039	0.6	0.5	0.5	0.4	0.4
Aug-2039	0.2	0.2	0.1	0.1	0.1
Sep-2039	1.0	0.9	0.8	0.7	0.6
Oct-2039	20.8	19.5	16.9	14.4	13.1
Nov-2039	121.5	113.7	98.9	84.1	76.3
Dec-2039	285.9	267.6	232.7	197.8	179.5
Jan-2040	286.2	267.9	232.8	197.7	179.3
Feb-2040	245.1	229.4	199.4	169.3	153.6
Mar-2040	206.5	193.2	167.9	142.6	129.4
Apr-2040	121.0	113.2	98.4	83.6	75.8
May-2040	57.7	54.0	46.9	39.8	36.1
Jun-2040	9.7	9.1	7.9	6.7	6.1
Jul-2040	0.6	0.5	0.5	0.4	0.4
Aug-2040	0.2	0.2	0.1	0.1	0.1
Sep-2040	1.0	0.9	0.8	0.7	0.6
Oct-2040	20.7	19.4	16.9	14.3	13.0
Nov-2040	121.0	113.2	98.4	83.6	75.8
Dec-2040	284.8	266.5	231.6	196.7	178.4

V. Calculating the Peak-Day Design Temperature

SDG&E's Peak-Day design temperature of 43.7 degrees Fahrenheit, denoted "Deg-F," is determined from a statistical analysis of observed annual minimum daily system average temperatures constructed from daily temperature recordings from the three U.S. Weather Bureau weather stations discussed above. Since we have a time series of daily data by year, the following notation will be used for the remainder of this discussion:

- (1) $AVG_{y,d}$ = system average value of Temperature
for calendar year "y" and day "d".

The calendar year, y, can range from 1972 through 2025, while the day, d, can range from 1 to 365, for non-leap years, or from 1 to 366 for leap years. The "upper" value for the day, d, thus depends on the calendar year, y, and will be denoted by $n(y)=365$, or 366, respectively, when y is a non-leap year or a leap year.

For each calendar year, we calculate the following statistic from our series of daily system average temperatures defined in equation (1) above:

- (2) $MinAVG_y = \min_{d=1}^{n(y)} \{ AVG_{y,d} \}$, for $y=1972, 1973, \dots, 2025$.

(The notation used in equation 2 means "For a particular year, y, list all the daily values of system average temperature for that year, then pick the smallest one.")

The resulting minimum annual temperatures are shown in Table 7.1 and Table 7.2, below. Most of the minimum temperatures occur in the months of December, January, or February; for a few calendar years the minimums occurred in March or November.

The statistical methods we use to analyze this data employ software developed to fit three generic probability models: the Generalized Extreme Value (GEV) model, the Double-Exponential or GUMBEL (EV1) model and a 2-Parameter Students' T-Distribution (T-Dist) model. [The GEV and EV1 models have the same mathematical specification as those implemented in a DOS-based executable-only computer code that was developed by Richard L. Lehman and described in a paper published in the Proceedings of the Eighth Conference on Applied Climatology, January 17-22, 1993, Anaheim, California, pp. 270-273, by the American Meteorological Society, Boston, MA., with the title "Two Software Products for Extreme Value Analysis: System Overviews of ANYEX and DDEX." At the time he wrote the paper, Dr. Lehman was with the Climate Analysis Center, National Weather Service/NOAA in Washington, D.C., zip code 20233.] The Statistical Analysis System (SAS) procedure for nonlinear statistical model estimation (PROC MODEL) was used to do the calculations. Further, the calculation procedures were implemented to fit the probability models to observed *maximums* of data, like heating degrees. By recognizing that:

$$-\text{MinAVG}_y = -\min_{d=1}^{n(y)} \{\text{AVG}_{y,d}\} = \max_{d=1}^{n(y)} \{-\text{AVG}_{y,d}\}, \text{ for } y=1972, \dots, 2025;$$

this same software, when applied to the *negative* of the minimum temperature data, yields appropriate probability model estimation results.

The calculations done to fit any one of the three probability models chooses the parameter values that provide the “best fit” of the parametric probability model’s calculated cumulative distribution function (CDF) to the empirical cumulative distribution function (ECDF). Note that the ECDF is constructed based on the variable “-MinAVG_y” (which is a *maximum* over a set of *negative* temperatures) with values of the variable MinAVG_y that are the same as shown in Table 7.1 and Table 7.2, below.

In Table 8.1 and Table 8.2, the data for -MinAVG_y are shown after they have been sorted from “lowest” to “highest” value. The ascending *ordinal* value is shown in the column labeled “RANK” and the empirical cumulative distribution function is calculated and shown in the next column. The formula used to calculate this function is:

$$\text{ECDF} = (\text{RANK} - \alpha) / [\text{MaxRANK} + (1 - 2\alpha)],$$

where the parameter “ α ” (shown as *alpha* in Table 8.1 and 8.2) is a “small” positive value (usually less than ½) that is used to bound the ECDF away from 0 and 1.

Of the three probability models considered (GEV, EV1, and T_Dist) the results obtained for the T_Dist model were selected since the fit to the ECDF was better than that of either the GEV model or the EV1 model. (Although convergence to stable parameter estimates is occasionally a problem with fitting a GEV model to the ECDF, the T_Dist model had no problems with convergence of the iterative procedure to estimate parameters.)

The T_Dist model used here is a three-parameter probability model where the variable $z = (-\text{MinAVG}_y - \gamma) / \theta$, for each year, y , is presumed to follow a T_Dist with location parameter, γ , and scale parameter, θ , and a third parameter, ν , that represents the number of degrees of freedom. For a given number of years of data, N , then $\nu=N-2$.

The following mathematical expression specifies the T_Dist model we fit to the data for “-MinAVG_y” shown in Table 8.1 and Table 8.2, below.

$$(3) \quad \text{ECDF}(-\text{MinAVG}_y) = \text{Prob} \{ -T < -\text{MinAVG}_y \} = \text{T_Dist}\{z; \gamma, \theta, \nu=N-2\},$$

where “T_Dist{ . }” is the cumulative probability distribution function for Student’s T-Distribution², and

² A common mathematical expression for Student’s T-Distribution is provided at http://en.wikipedia.org/wiki/Student%27s_t-distribution; with a probability density function

$$f(t) = \frac{\Gamma(\frac{\nu+1}{2})}{\sqrt{\nu\pi} \Gamma(\frac{\nu}{2})} \left(1 + \frac{t^2}{\nu}\right)^{-\frac{\nu+1}{2}},$$

$$(4) \quad z = (-\text{MinAVG}_y - \gamma) / \theta, \text{ for each year, } y, \text{ and}$$

the parameters “ γ ” and “ θ ” are estimated for this model for given degrees of freedom $v=N-2$. The estimated values for γ and θ are shown in Table 8.1 and 8.2 along with the fitted values of the model CDF (the column: “Fitted” Model CDF).

Now, to calculate a *peak-day design temperature*, TPDD_δ , with a specified likelihood, δ , that a value less than TPDD_δ would be observed, we use the equation below:

$$(5) \quad \delta = \text{Prob} \{ T \leq \text{TPDD}_\delta \}, \text{ which is equivalent to}$$

$$(6) \quad \delta = \text{Prob} \{ [(-T - \gamma) / \theta] \geq [(-\text{TPDD}_\delta - \gamma) / \theta] \}, = \text{Prob} \{ [(-T - \gamma) / \theta] \geq [z_\delta] \},$$

where $z_\delta = [(-\text{TPDD}_\delta - \gamma) / \theta]$. In terms of our probability model,

$$(7) \quad \delta = 1 - T_Dist\{ z_\delta; \gamma, \theta, v=N-2 \},$$

which yields the following equation for z_δ ,

$$(7') \quad z_\delta = \{ \text{TINV_Dist}\{ (1-\delta); \gamma, \theta, v=N-2 \}, \text{ where “TINV_Dist}\{ . \}” \text{ is the inverse function of the } T_Dist\{ . \} \text{ function}^3. \text{ The implied equation for } \text{TPDD}_\delta \text{ is:}$$

$$(8) \quad \text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)].$$

To calculate the minimum daily (system average) temperature to define our extreme weather event, we specify that this COLDEST-Day be one where the temperature would be lower with a “1-in-35” likelihood. This criterion translates into two equations to be solved based on equations (7) and (8) above:

$$(9) \quad \text{solve for “} z_\delta \text{” from equation (7') above with } (1-\delta) = (1 - 1/35) = 1 - 0.0286,$$

$$(10) \quad \text{solve for “} \text{TPDD}_\delta \text{” from } \text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)].$$

The value of $z_\delta = 1.945$ and $\text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)] = 43.7$ degrees Fahrenheit, with values for “ $v=N-2$ ”; along with “ γ ” and “ θ ” in Table 8.1 and 8.2 , below.

SDG&E’s “1-in-10” peak-day design temperature of 45.1 degrees Fahrenheit, is calculated in a methodologically similar way as for the 43.7 degree “1-in-35” peak day temperature. The criteria specified in equation (9) above for a “1-in-35” likelihood would be replaced by a “1-in-10” likelihood.

$$(9') \quad \text{solve for “} z_\delta \text{” from equation (7') above with } (1-\delta) = (1 - 1/10) = 1 - 0.1000,$$

which yields a “ z_δ ” value of $z_\delta = 1.298$ and, $\text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)] = 45.1$ with values for “ $v=N-2$ ”; along with “ γ ” and “ θ ” in Table 8.1 and 8.2 , below.

such that $T_Dist\{z; \gamma, \theta, v=N-2\} = \int_{-\infty}^z f(t) dt$, from $t=-\infty$ to $t=z$. Also, the notation $\Gamma(.)$ is known in mathematics as the GAMMA function; see http://www.wikipedia.org/wiki/Gamma_function for a description. Also, see *Statistical Theory*, 3rd Ed., B.W. Lindgren, MacMillian Pub. Inc, 1976, pp. 336-337.

³ Computer software packages such as SAS and EXCEL have implemented statistical and mathematical functions to readily calculate values for $T_Dist\{ . \}$ and $\text{TINV_Dist}\{ . \}$ as defined above.

A plot of the cumulative distribution function for MinAVG_y based on “ $v=N-2$ ”, the fitted model parameters, “ γ ” and “ θ ” with values in Table 8.1 and 8.2 , below, is shown in Figure 1.

Table 7.1

YEAR	MINAVG	Month(MinAvg)
1972	46.8333	Jan
1973	46.3333	Jan
1974	44.1667	Dec
1975	44.3333	Jan
1976	44.8333	Jan
1977	50.8333	Mar
1978	42.8333	Dec
1979	45.1667	Jan
1980	53.6667	Jan
1981	49.6667	Jan
1982	48.5000	Dec
1983	50.8333	Jan
1984	48.0000	Dec
1985	45.5000	Dec
1986	49.8333	Feb
1987	41.3333	Dec
1988	45.1667	Dec
1989	45.0000	Jan
1990	43.5000	Feb
1991	48.3333	Mar
1992	47.0000	Dec
1993	46.8333	Jan
1994	47.8333	Nov
1995	51.1667	Dec
1996	48.6667	Feb
1997	48.8333	Dec
1998	46.8333	Dec
1999	48.6667	Jan
2000	50.3333	Mar
2001	47.5000	Jan
2002	45.5000	Jan
2003	49.0000	Dec
2004	47.8333	Nov
2005	48.0000	Jan
2006	48.6667	Mar
2007	43.1667	Jan
2008	49.0000	Dec
2009	48.5000	Feb
2010	47.8333	Dec

Table 7.2

YEAR	MINAVG	Month(MinAvg)
2011	48.8333	Dec
2012	48.1667	Dec
2013	44.1667	Jan
2014	47.6667	Dec
2015	47.6667	Jan
2016	50.1667	Feb
2017	51.0000	Jan
2018	49.6667	Feb
2019	48.1667	Feb
2020	48.3333	Feb
2021	47.8333	Dec
2022	47.5000	Feb
2023	48.0000	Mar
2024	47.6667	Jan
2025	49.5000	Jan

Table 8.1 (alpha=0.375)

Year	-MinAvg	Month(- MinAvg)	Rank	Empirical CDF	Model - [(-MinAvg - γ)/θ]	Model - Fitted CDF
1980	-53.6667	Jan	1	0.0115	-2.7795	0.0038
1995	-51.1667	Dec	2	0.0300	-1.5944	0.0585
2017	-51.0000	Jan	3	0.0484	-1.5154	0.0679
1977	-50.8333	Mar	4	0.0668	-1.4364	0.0784
1983	-50.8333	Jan	5	0.0853	-1.4364	0.0784
2000	-50.3333	Mar	6	0.1037	-1.1994	0.1179
2016	-50.1667	Feb	7	0.1221	-1.1204	0.1339
1986	-49.8333	Feb	8	0.1406	-0.9624	0.1702
1981	-49.6667	Jan	9	0.1590	-0.8834	0.1906
2018	-49.6667	Feb	10	0.1774	-0.8834	0.1906
2025	-49.5000	Jan	11	0.1959	-0.8043	0.2124
2003	-49.0000	Dec	12	0.2143	-0.5673	0.2865
2008	-49.0000	Dec	13	0.2327	-0.5673	0.2865
1997	-48.8333	Dec	14	0.2512	-0.4883	0.3137
2011	-48.8333	Dec	15	0.2696	-0.4883	0.3137
1996	-48.6667	Feb	16	0.2880	-0.4093	0.3420
1999	-48.6667	Jan	17	0.3065	-0.4093	0.3420
2006	-48.6667	Mar	18	0.3249	-0.4093	0.3420
1982	-48.5000	Dec	19	0.3433	-0.3303	0.3712
2009	-48.5000	Feb	20	0.3618	-0.3303	0.3712
1991	-48.3333	Mar	21	0.3802	-0.2513	0.4013
2020	-48.3333	Feb	22	0.3986	-0.2513	0.4013
2012	-48.1667	Dec	23	0.4171	-0.1723	0.4319
2019	-48.1667	Feb	24	0.4355	-0.1723	0.4319
1984	-48.0000	Dec	25	0.4539	-0.0933	0.4630
2005	-48.0000	Jan	26	0.4724	-0.0933	0.4630
2023	-48.0000	Mar	27	0.4908	-0.0933	0.4630
1994	-47.8333	Nov	28	0.5092	-0.0143	0.4943
2004	-47.8333	Nov	29	0.5276	-0.0143	0.4943
2010	-47.8333	Dec	30	0.5461	-0.0143	0.4943
2021	-47.8333	Dec	31	0.5645	-0.0143	0.4943
2014	-47.6667	Dec	32	0.5829	0.0647	0.5257
2015	-47.6667	Jan	33	0.6014	0.0647	0.5257
2024	-47.6667	Jan	34	0.6198	0.0647	0.5257
2001	-47.5000	Jan	35	0.6382	0.1437	0.5569
2022	-47.5000	Feb	36	0.6567	0.1437	0.5569
1992	-47.0000	Dec	37	0.6751	0.3808	0.6475
1972	-46.8333	Jan	38	0.6935	0.4598	0.6762
1993	-46.8333	Jan	39	0.7120	0.4598	0.6762
1998	-46.8333	Dec	40	0.7304	0.4598	0.6762
1973	-46.3333	Jan	41	0.7488	0.6968	0.7555
1985	-45.5000	Dec	42	0.7673	1.0918	0.8600
2002	-45.5000	Jan	43	0.7857	1.0918	0.8600
1979	-45.1667	Jan	44	0.8041	1.2498	0.8915
1988	-45.1667	Dec	45	0.8226	1.2498	0.8915
1989	-45.0000	Jan	46	0.8410	1.3288	0.9051
1976	-44.8333	Jan	47	0.8594	1.4078	0.9174
1975	-44.3333	Jan	48	0.8779	1.6449	0.9470
1974	-44.1667	Dec	49	0.8963	1.7239	0.9547
2013	-44.1667	Jan	50	0.9147	1.7239	0.9547

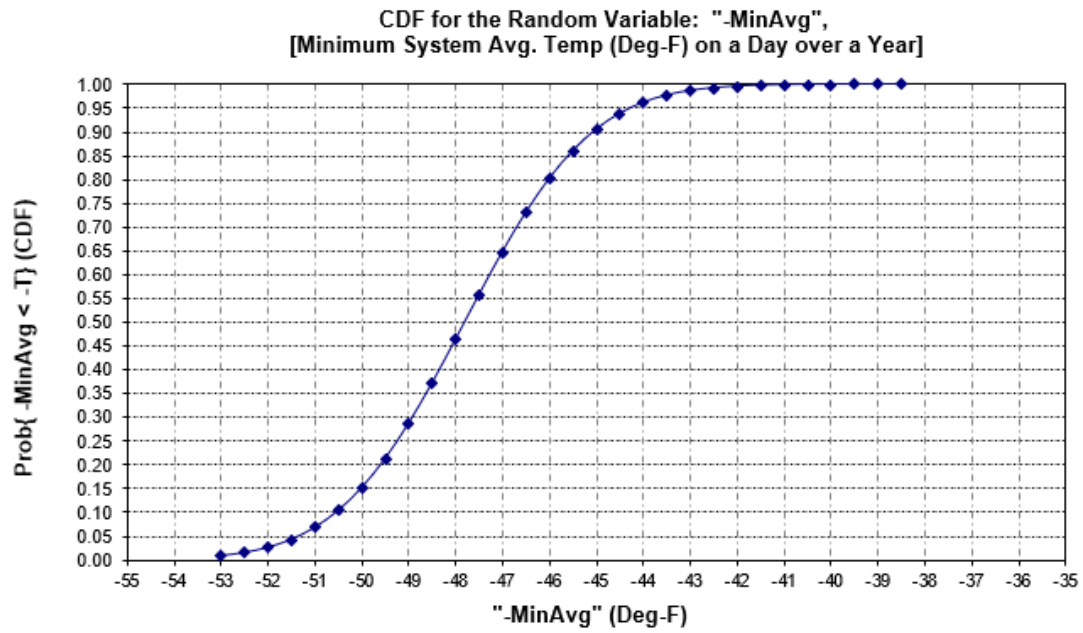
Table 8.2 (alpha=0.375)

<u>Year</u>	<u>-MinAvg</u>	<u>Month(- MinAvg)</u>	<u>Rank</u>	<u>Empirical CDF</u>	<u>Model - (-MinAvg - γ)/θ </u>	<u>Model - Fitted CDF</u>
1990	-43.5000	Feb	51	0.9332	2.0399	0.9768
2007	-43.1667	Jan	52	0.9516	2.1979	0.9838
1978	-42.8333	Dec	53	0.9700	2.3559	0.9889
1987	-41.3333	Dec	54	0.9885	3.0670	0.9983

T-Dist parameters:

"Gamma" (Fitted) = -47.80
 "Theta" (Fitted) = 2.11
 Deg. Freedom= 52

Figure 1



"MinAvg" (Deg-F) 1-in-10 years' peak temperature: 45.1; 1-in-35 years' peak temperature: 43.7

VI. Estimating the Uncertainty in the Peak-Day Design Temperature

The calculated peak-day design temperatures in section V above also have a statistical uncertainty associated with them. The estimated measures of uncertainty recommended for our use are calculated from the fitted model for the probability distribution and are believed to be reasonable, although rough, approximations.

The basic approach used the estimated parameters for the probability distribution (see the results provided in Table 8.1 and 8.2, above) to calculate the fitted temperatures as a function of the empirical CDF listed in Table 8.1 and 8.2. These fitted temperatures are then “compared” with the observed temperatures by calculating the difference = “observed” – “fitted” values. The full set of differences are then separated into the lower third (L), the middle third (M) and the upper third (U) of the distribution. Finally, calculate values of the root-mean-square error (RMSE) of the differences in each third of the distribution, along with the entire set of differences overall. The data in Table 9.1 and Table 9.2, below, show the temperature data and the resulting RMSE values.

The formula below is used to calculate the RMSE for a specified set of “N” data differences:

$$\text{RMSE} = \text{SQRT} \left\{ \left(\sum_{i=1, \dots, N} e[i]^2 \right) / (N-2) \right\},$$

where $e[i] = \text{observed less fitted value of temperature, } T[i]$. The number of estimated parameters (3 for the GEV model, 2 for the T-Dist and EV1 models) is subtracted from the respective number of data differences, N, in the denominator of the RMSE expression.

Since both the “1-in-35” and “1-in-10” peak-day temperature values are in the lower third quantile of the fitted distribution, the calculated standard error for these estimates is 0.86 Deg-F.

Table 9.1

<u>Quantile: (Lower, Middle, Upper 3rd's)</u>	<u>Observed $T_{[i]}$ Temp. Ranked</u>	<u>Fitted Value of $T_{[i]}$ $\hat{T}_{[i]}$</u>	<u>Residual $e_{[i]}$: Obs'd. less Fitted Value of $T_{[i]}$</u>	<u>Square of $e_{[i]}$:</u>
U	53.6667	52.7439	0.9228	0.8515
U	51.1667	51.8608	-0.6941	0.4818
U	51.0000	51.3710	-0.3710	0.1376
U	50.8333	51.0175	-0.1842	0.0339
U	50.8333	50.7351	0.0983	0.0097
U	50.3333	50.4965	-0.1632	0.0266
U	50.1667	50.2878	-0.1211	0.0147
U	49.8333	50.1008	-0.2675	0.0715
U	49.6667	49.9303	-0.2636	0.0695
U	49.6667	49.7726	-0.1059	0.0112
U	49.5000	49.6253	-0.1253	0.0157
U	49.0000	49.4863	-0.4863	0.2365
U	49.0000	49.3544	-0.3544	0.1256
U	48.8333	49.2284	-0.3950	0.1560
U	48.8333	49.1072	-0.2739	0.0750
U	48.6667	48.9903	-0.3236	0.1047
U	48.6667	48.8770	-0.2103	0.0442
U	48.6667	48.7667	-0.1000	0.0100
M	48.5000	48.6590	-0.1590	0.0253
M	48.5000	48.5536	-0.0536	0.0029
M	48.3333	48.4500	-0.1167	0.0136
M	48.3333	48.3480	-0.0147	0.0002
M	48.1667	48.2473	-0.0806	0.0065
M	48.1667	48.1476	0.0191	0.0004
M	48.0000	48.0486	-0.0486	0.0024
M	48.0000	47.9502	0.0498	0.0025
M	48.0000	47.8522	0.1478	0.0219
M	47.8333	47.7542	0.0791	0.0063
M	47.8333	47.6562	0.1772	0.0314
M	47.8333	47.5578	0.2755	0.0759
M	47.8333	47.4589	0.3745	0.1402
M	47.6667	47.3592	0.3075	0.0946
M	47.6667	47.2584	0.4082	0.1667
M	47.6667	47.1564	0.5103	0.2604
M	47.5000	47.0528	0.4472	0.1999
M	47.5000	46.9474	0.5526	0.3054

Table 9.2

<u>Quantile: (Lower, Middle, Upper 3rd's)</u>	<u>Observed $T_{[i]}$ Temp. Ranked</u>	<u>Fitted Value of $T_{[i]}$</u>	<u>Residual $e_{[i]}$: Obs'd. less Fitted Value of $T_{[i]}$</u>	<u>Square of $e_{[i]}$:</u>
L	47.0000	46.8397	0.1603	0.0257
L	46.8333	46.7295	0.1039	0.0108
L	46.8333	46.6161	0.2172	0.0472
L	46.8333	46.4992	0.3341	0.1117
L	46.3333	46.3781	-0.0447	0.0020
L	45.5000	46.2520	-0.7520	0.5655
L	45.5000	46.1201	-0.6201	0.3845
L	45.1667	45.9812	-0.8145	0.6634
L	45.1667	45.8338	-0.6671	0.4451
L	45.0000	45.6761	-0.6761	0.4572
L	44.8333	45.5056	-0.6723	0.4519
L	44.3333	45.3186	-0.9853	0.9708
L	44.1667	45.1099	-0.9433	0.8897
L	44.1667	44.8714	-0.7047	0.4966
L	43.5000	44.5889	-1.0889	1.1857
L	43.1667	44.2355	-1.0688	1.1423
L	42.8333	43.7457	-0.9123	0.8323
L	41.3333	42.8625	-1.5292	2.3385
Overall RMSE ($e_{[i]}$):				0.5344 °F
Upper 3rd RMSE ($e_{[i]}$):				0.3934 °F
Middle 3rd RMSE ($e_{[i]}$):				0.2911 °F
Lower 3rd RMSE ($e_{[i]}$):				0.8572 °F

VII. The Relationship between Annual Likelihoods for Peak-Day Temperatures and “Expected Return Time”

The event whose probability distribution we’ve modeled is the likelihood that the minimum daily temperature over a calendar year is less than a specified value. And, in particular, we’ve used this probability model to infer the value of a temperature, our *peak-day design temperature* (TPDD_δ), that corresponds to a pre-defined likelihood, δ, that the observed minimum temperature is less than or equal to this design temperature.

$$(1) \quad \delta = \text{Prob}\{ \text{Minimum Daily Temperature over the Year} < \text{TPDD}_\delta \}.$$

For some applications, it is useful to think of how this specified likelihood (or “risk level” δ) relates to the expected number of years until this Peak-Day event would first occur. This expected number of years is what is meant by the *return period*. The results stated below are found in the book: *Statistics of Extremes*, E.J. Gumbel, Columbia University Press, 1958, on pages 21-25.

$$(2) \quad E[\# \text{Yrs for Peak-Day Event to Occur}] = 1 / \delta, \\ 1 / \text{Prob}\{ \text{Minimum Daily Temperature over the Year} < \text{TPDD}_\delta \}.$$

For our peak-day design temperature (43.7°F) associated with a 1-in-35 annual likelihood, the return period is 35 years (δ=1/35). For the 45.1°F peak-day design temperature, the return period is 10 years (δ=1/10). Occasionally, a less precise terminology is used. For example, the 43.7°F peak-day design temperature may be referred to as a “1-in-35 year cold day”; and the 45.1°F peak-day design temperature may be referred to as a “1-in-10 year cold day.”

The probability model for the *return period*, as a random variable, is a geometric (discrete) distribution with positive integer values for the *return period*. The parameter δ = Prob{ Minimum Daily Temperature over the Year < TPDD_δ }.

$$(3) \quad \text{Prob}\{ \text{return period} = r \} = (1 - \delta)^{(r-1)} \delta, \text{ for } r = 1, 2, 3, \dots$$

The expected value of the *return period* is already given in (2) above; the variance of the *return period* is:

$$(4) \quad \text{Var}[\text{return period}] = (E[\text{return period}])^2 \times (1 - (1 / E[\text{return period}])),$$

$$(4') \quad \text{Var}[\text{return period}] = (E[\text{return period}]) \times (E[\text{return period}] - 1).$$

Equations (4) and (4') indicate that the standard deviation (square root of the variance) of the *return period* is nearly equal to its expected value. Thus, there is substantial variability about the expected value—a *return period* is not very precise.